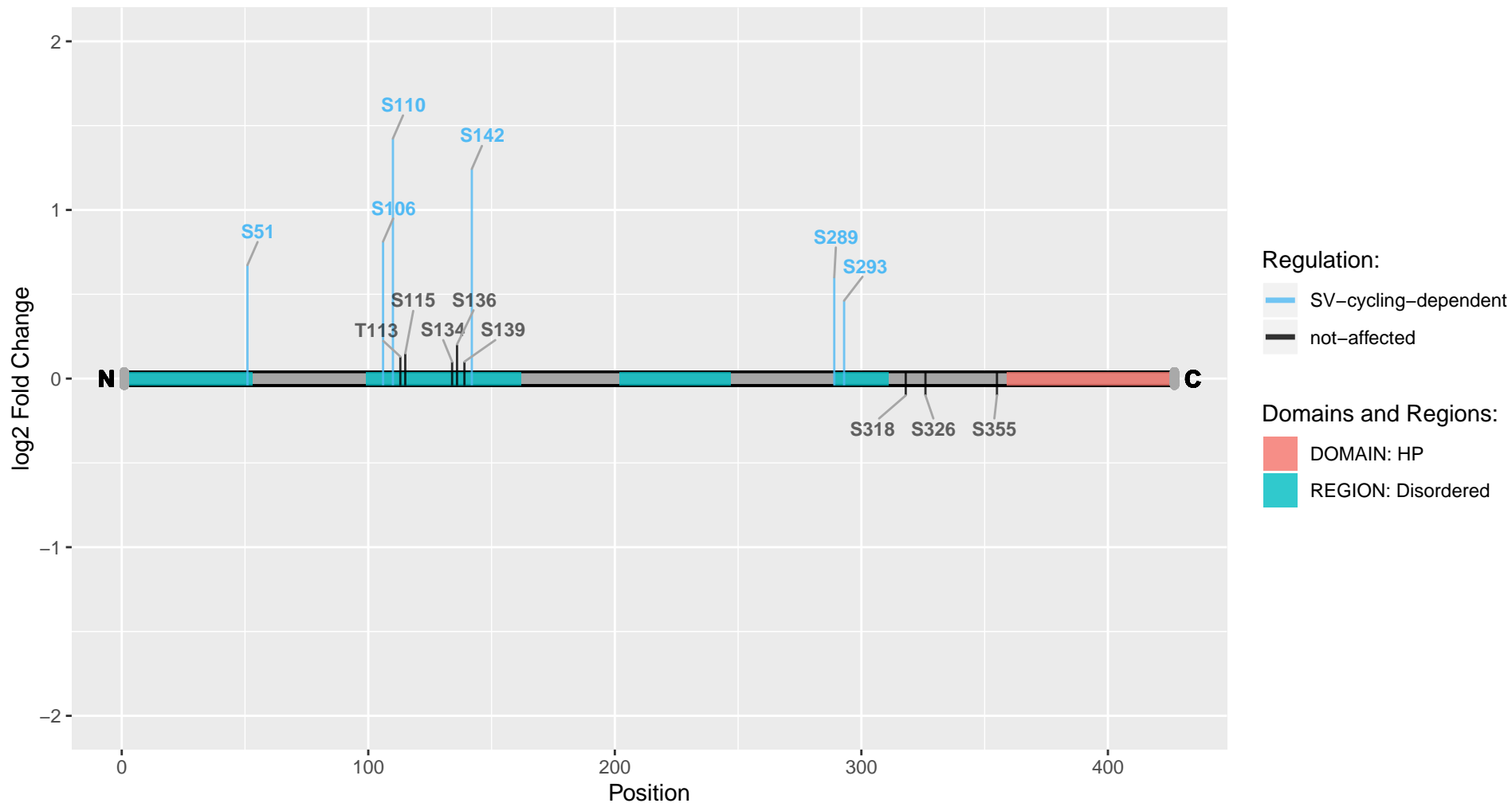
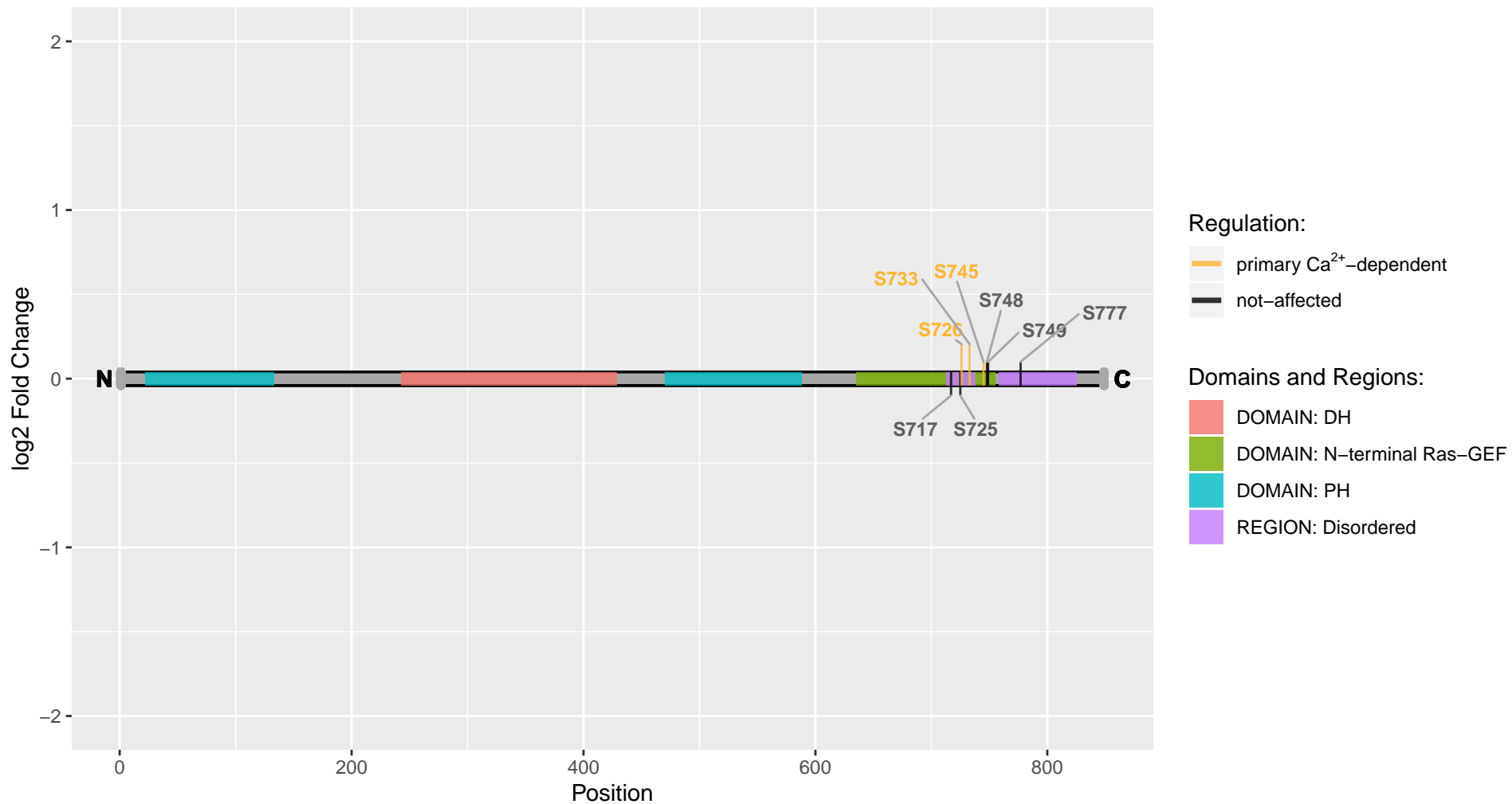


Uniprot Accession: A0A0G2JW01
Uncharacterized protein



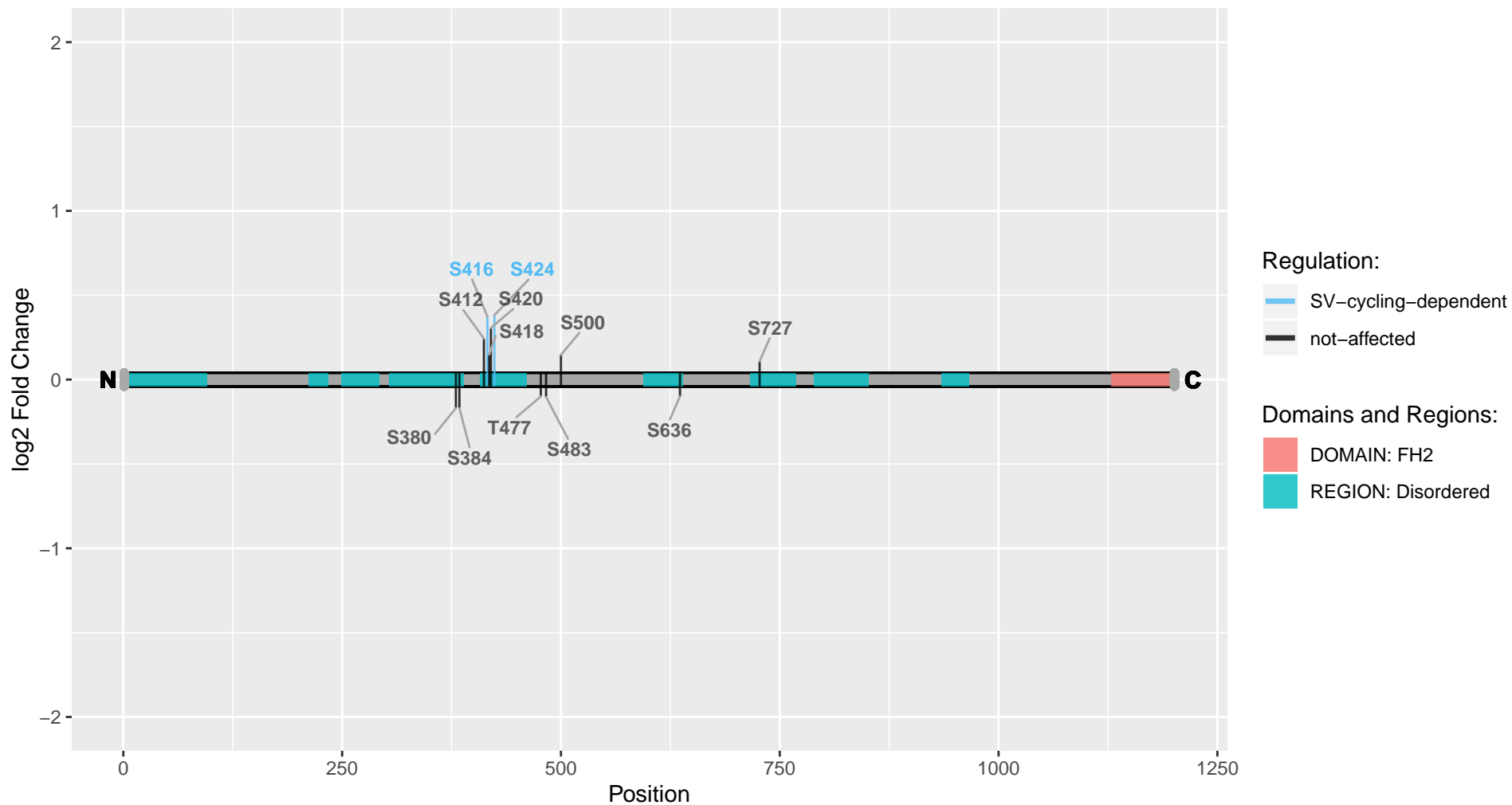
Uniprot Accession: A0A0G2JW65

Uncharacterized protein

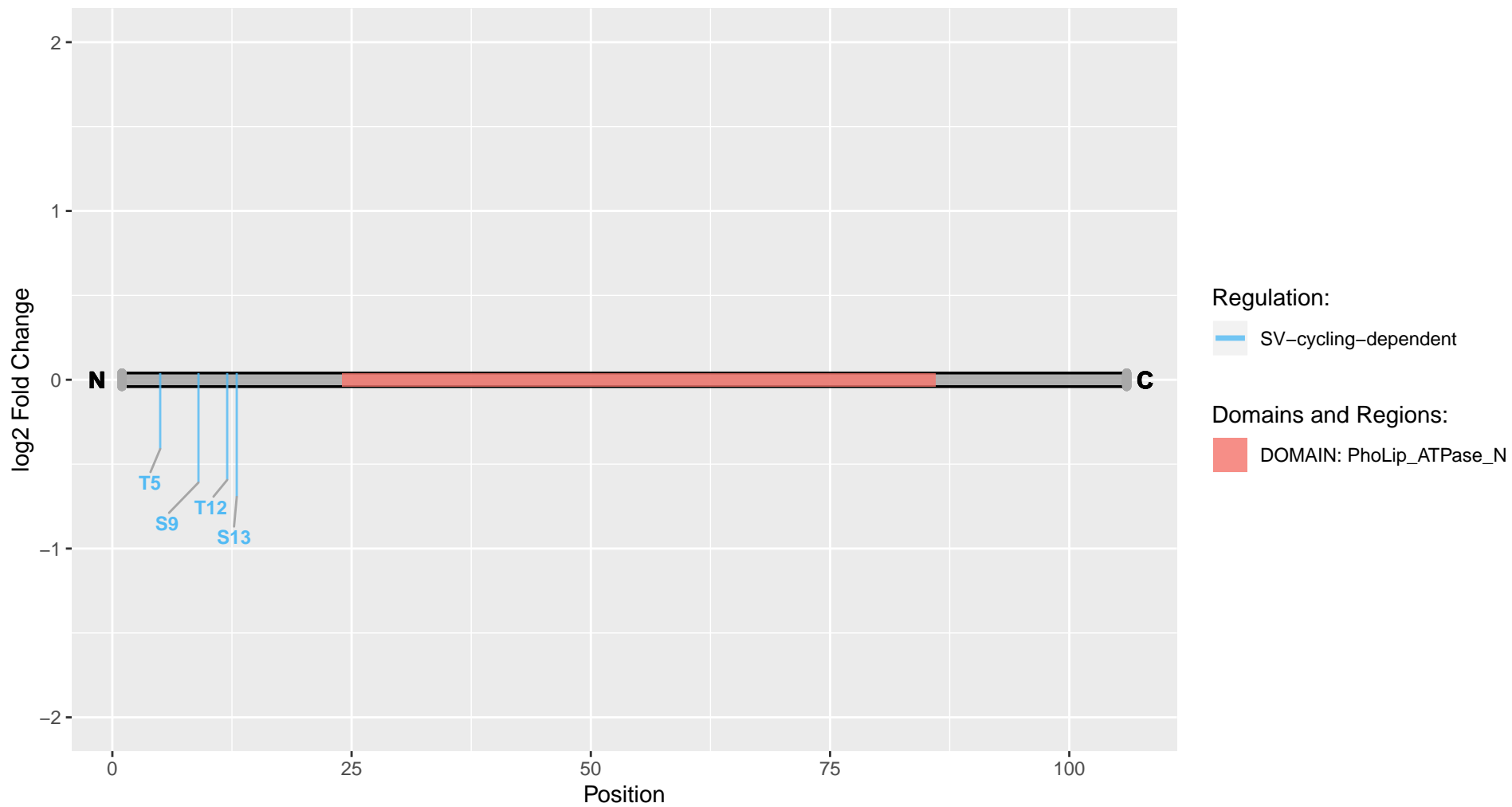


Uniprot Accession: A0A0G2JZ27

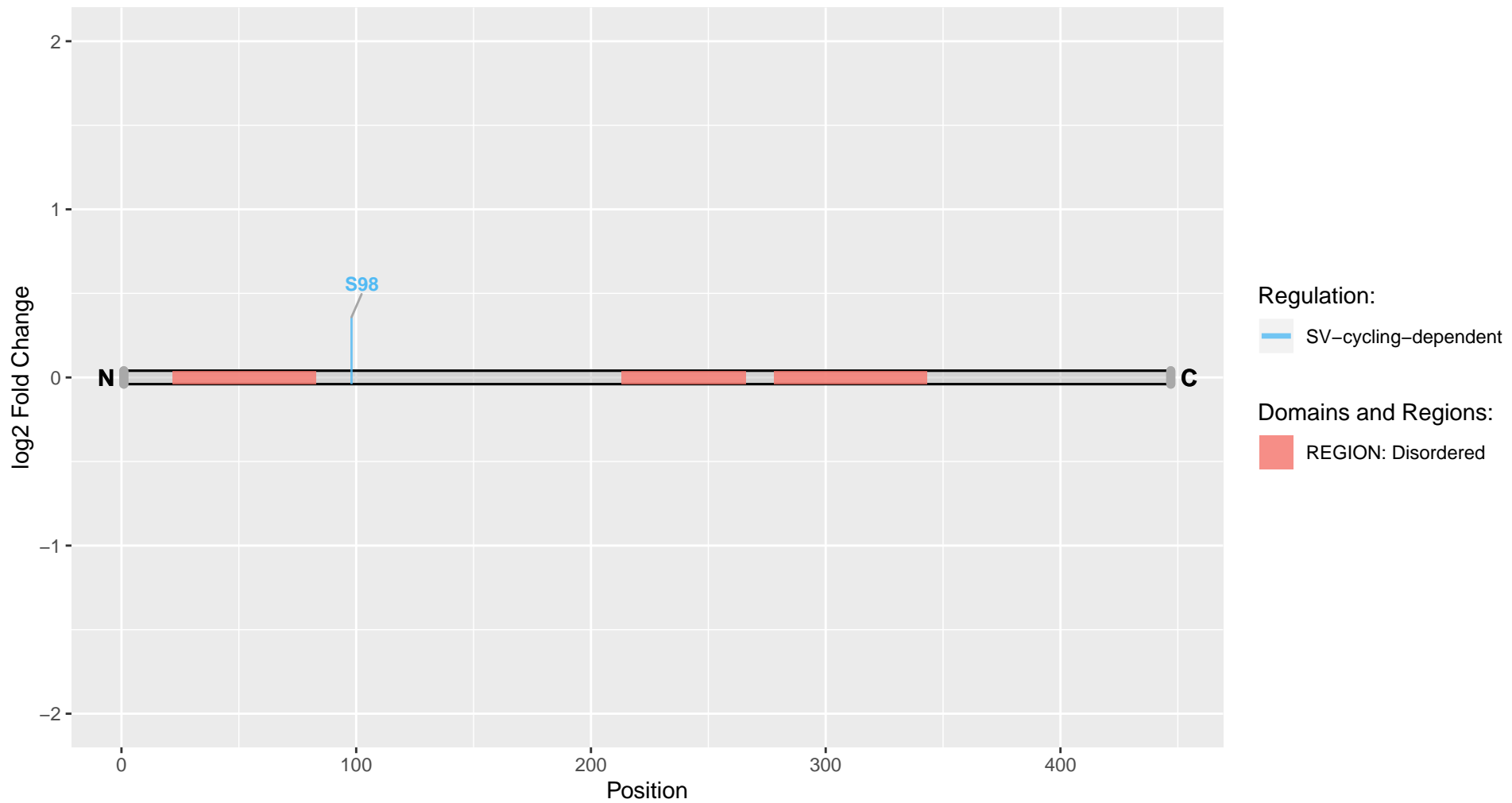
Uncharacterized protein



Uniprot Accession: D3ZJK8
Uncharacterized protein

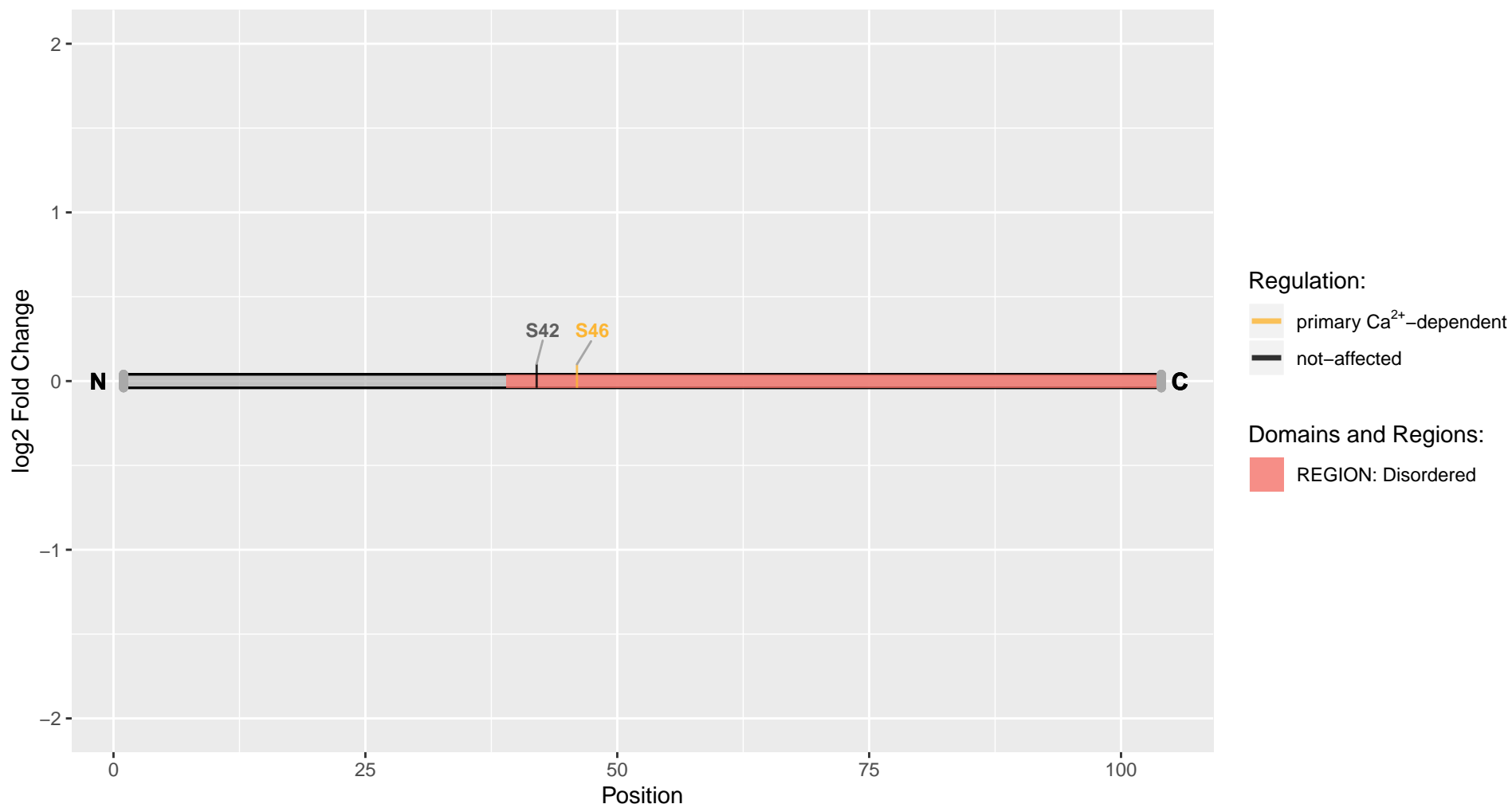


Uniprot Accession: D3ZZH5
Uncharacterized protein

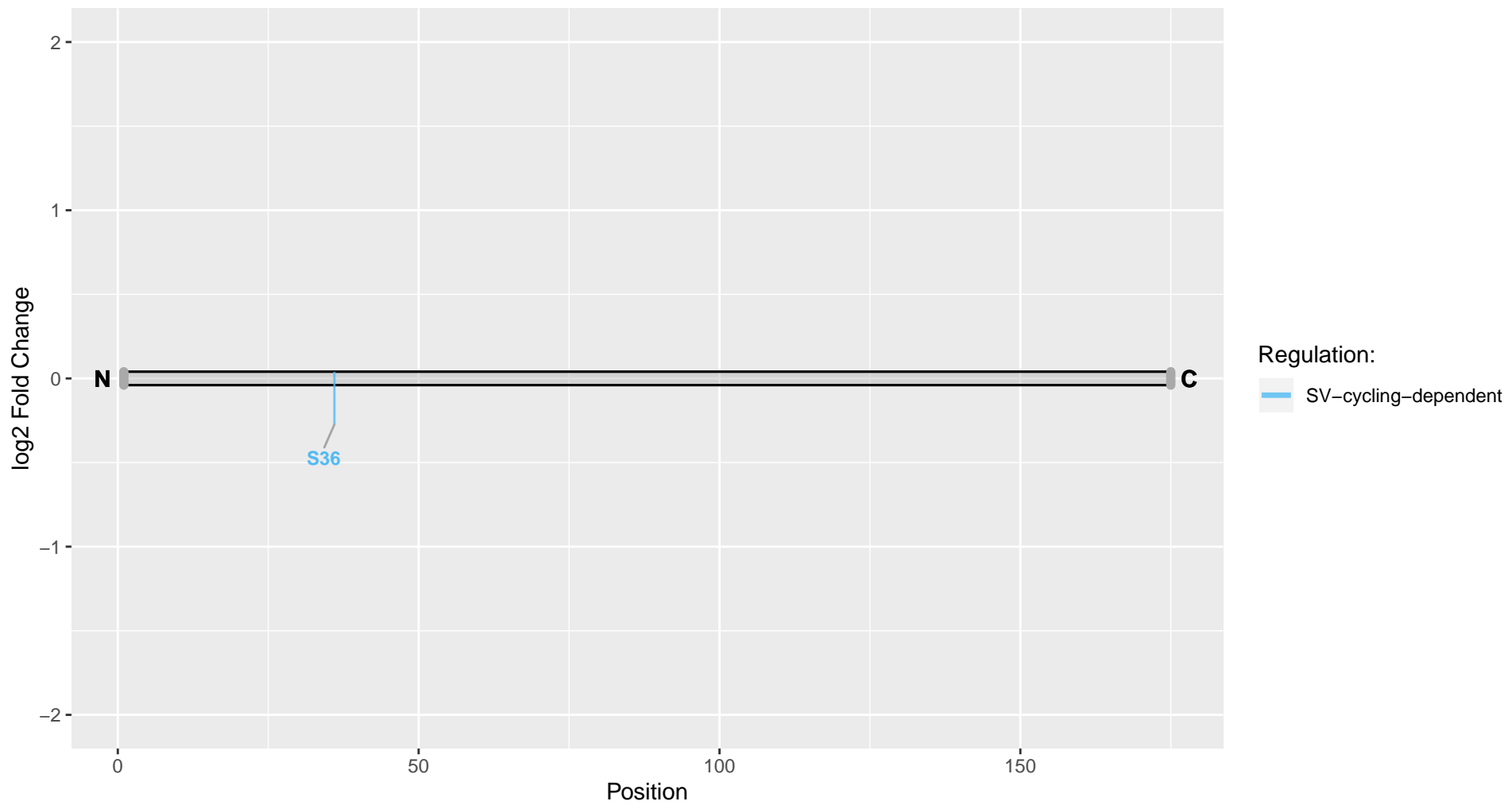


Uniprot Accession: M0R970

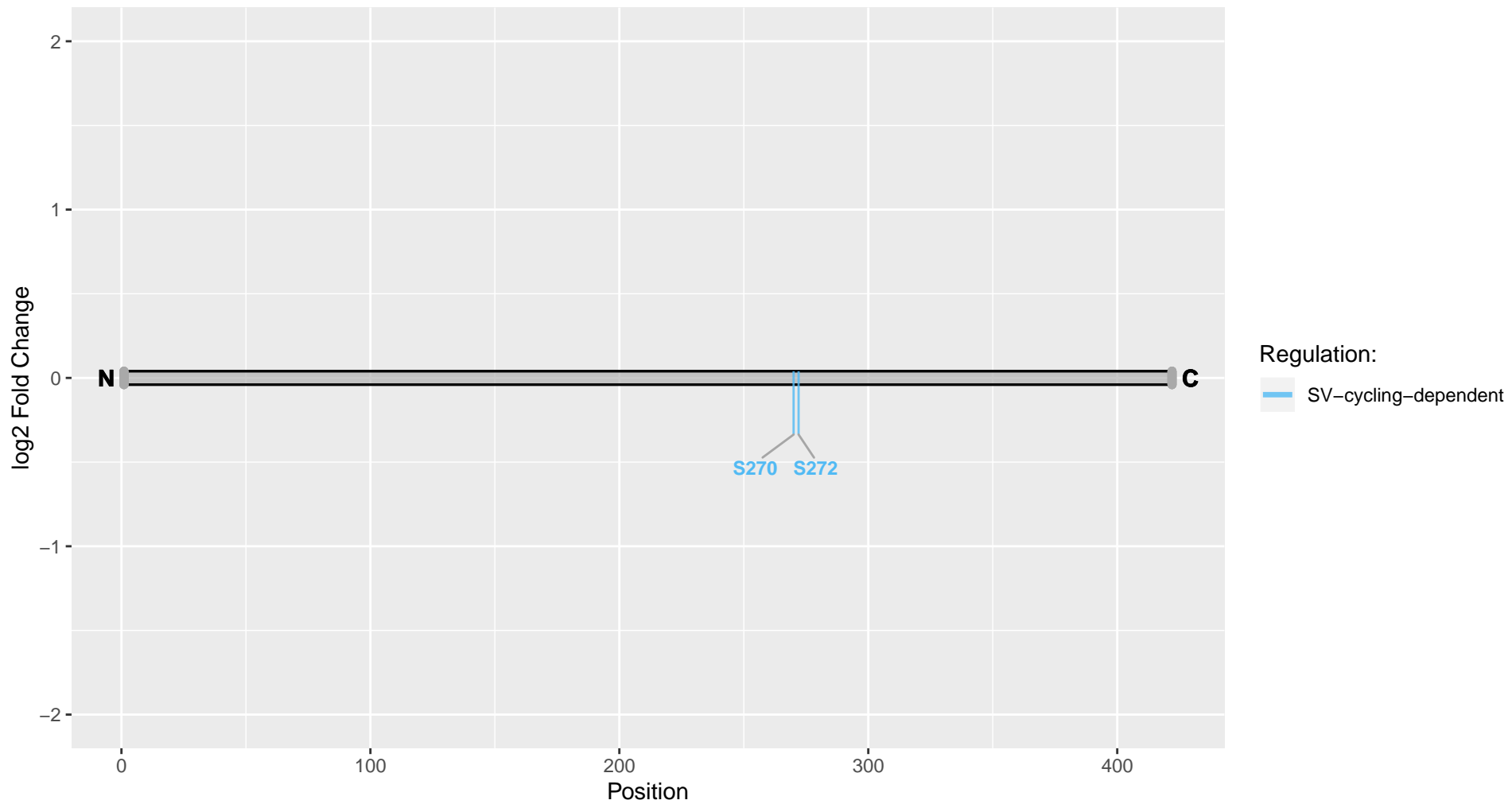
Uncharacterized protein



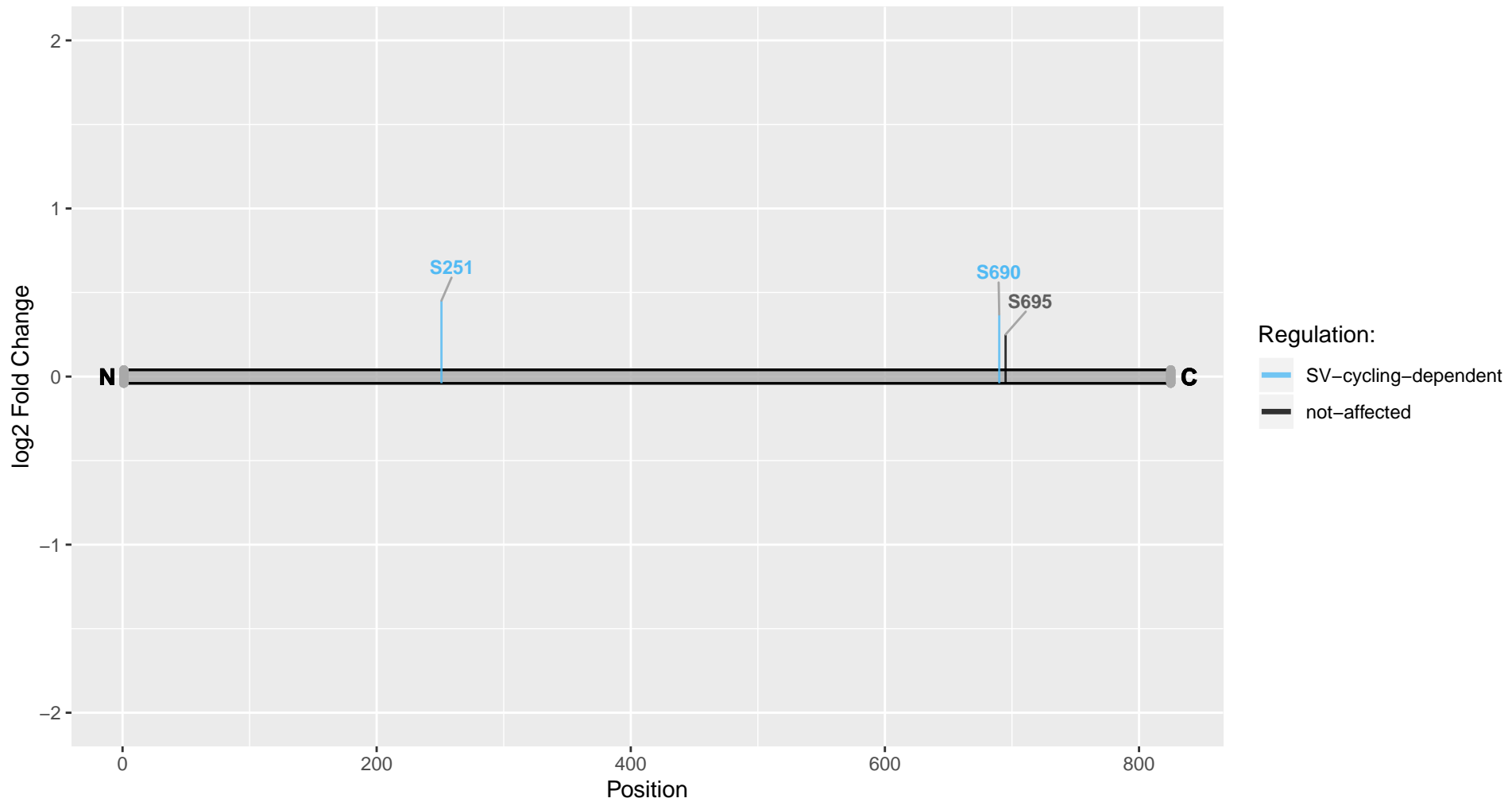
Uniprot Accession: M0RDY2
Uncharacterized protein



Uniprot Accession: O08654
UPF0183 protein C16orf70 homolog



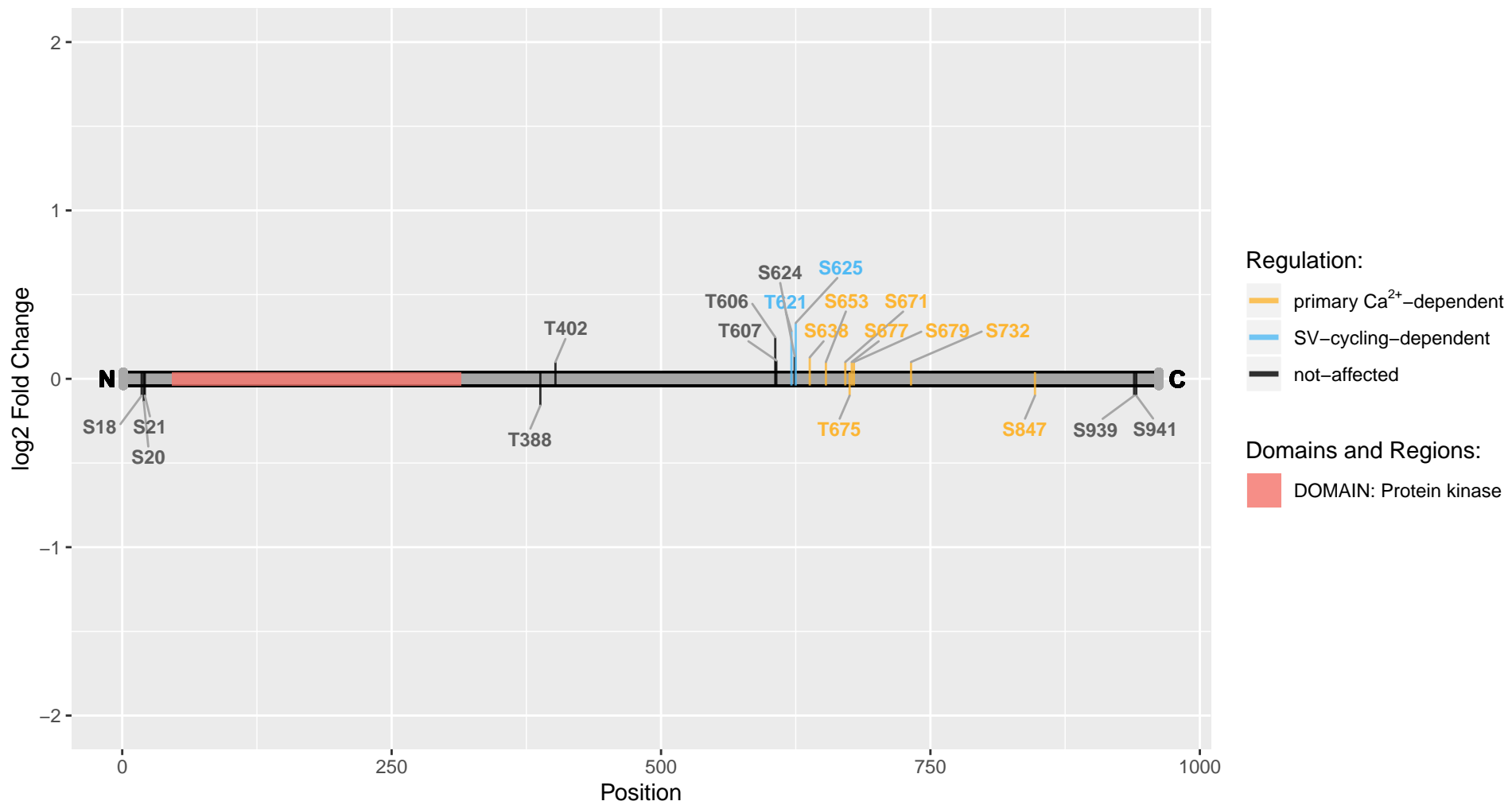
Uniprot Accession: Q63003
5E5 antigen



Aak1

Uniprot Accession: P0C1X8

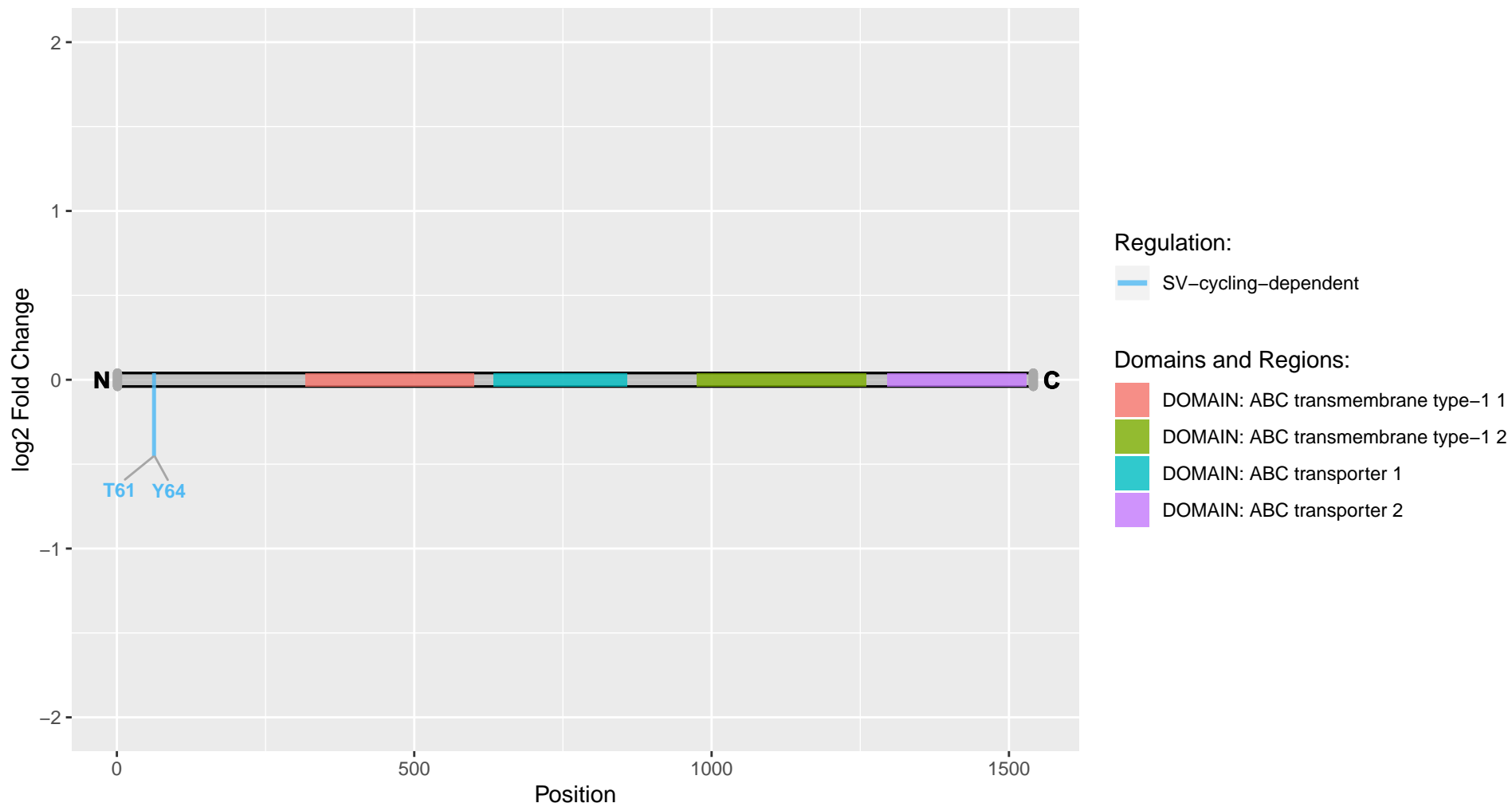
AP2-associated protein kinase 1



Abcc2

Uniprot Accession: Q63120

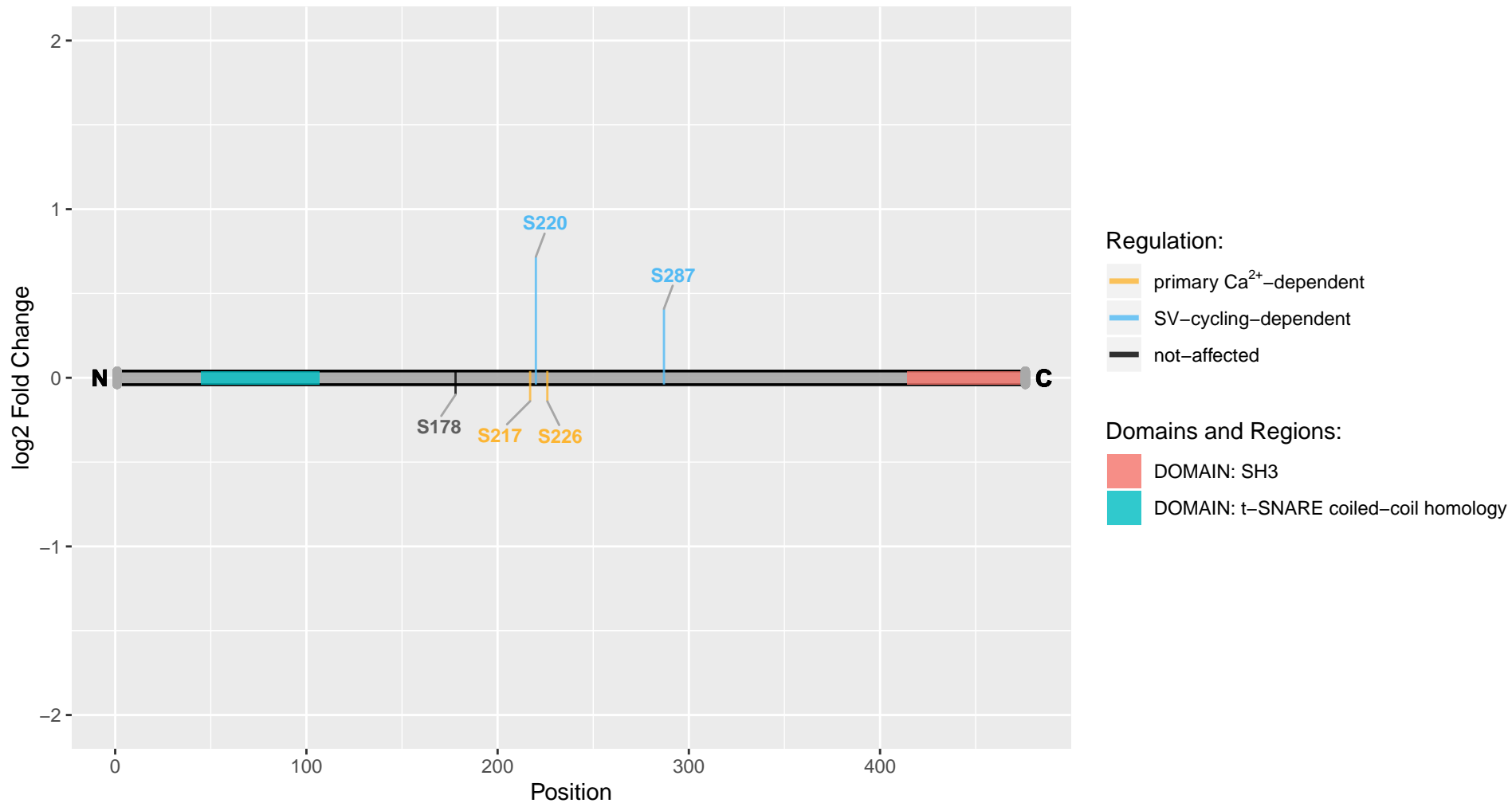
Canalicular multispecific organic anion transporter 1



Abi1

Uniprot Accession: Q9QZM5

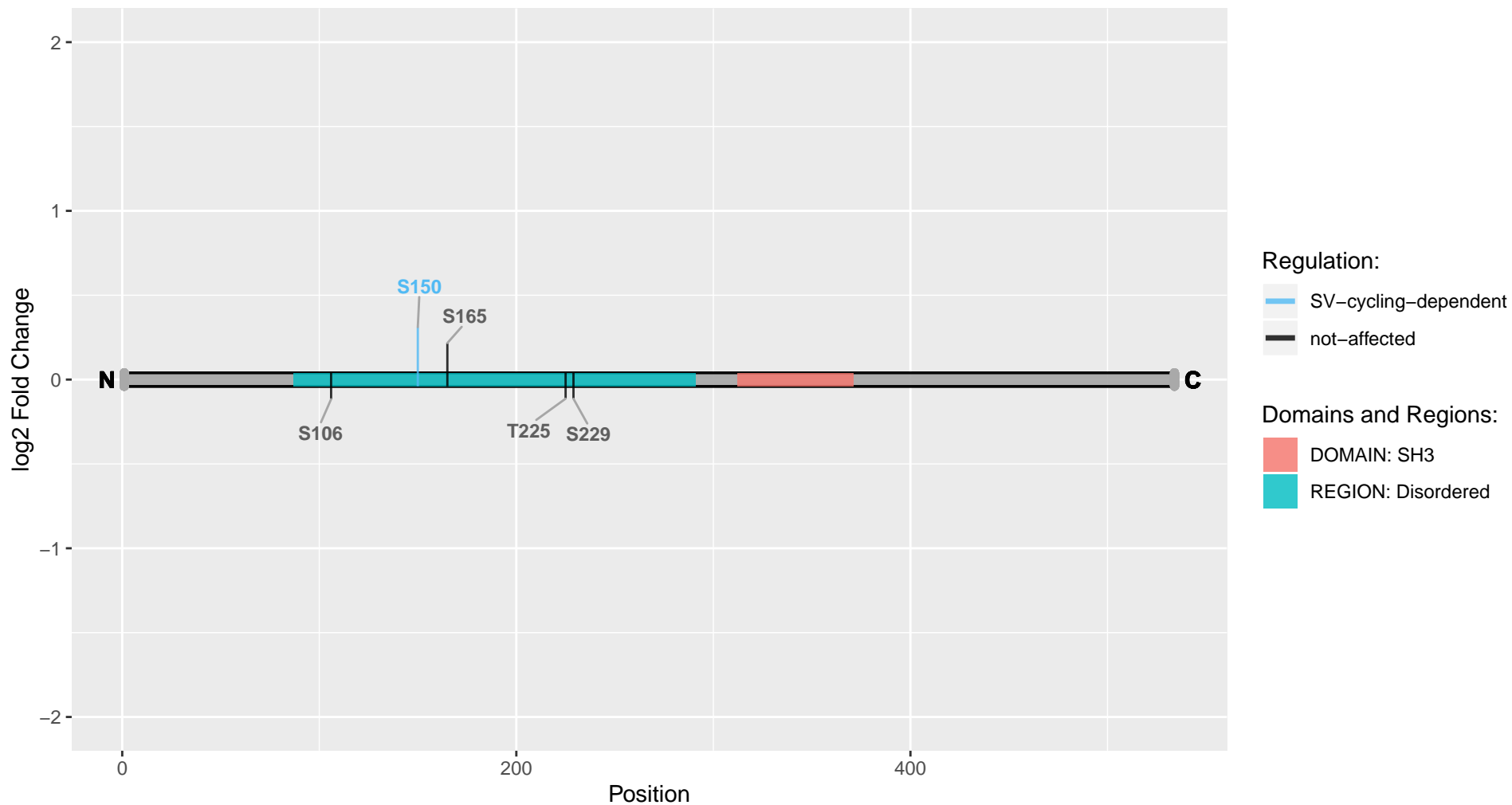
Abl interactor 1



Abi2

Uniprot Accession: F1LYA6

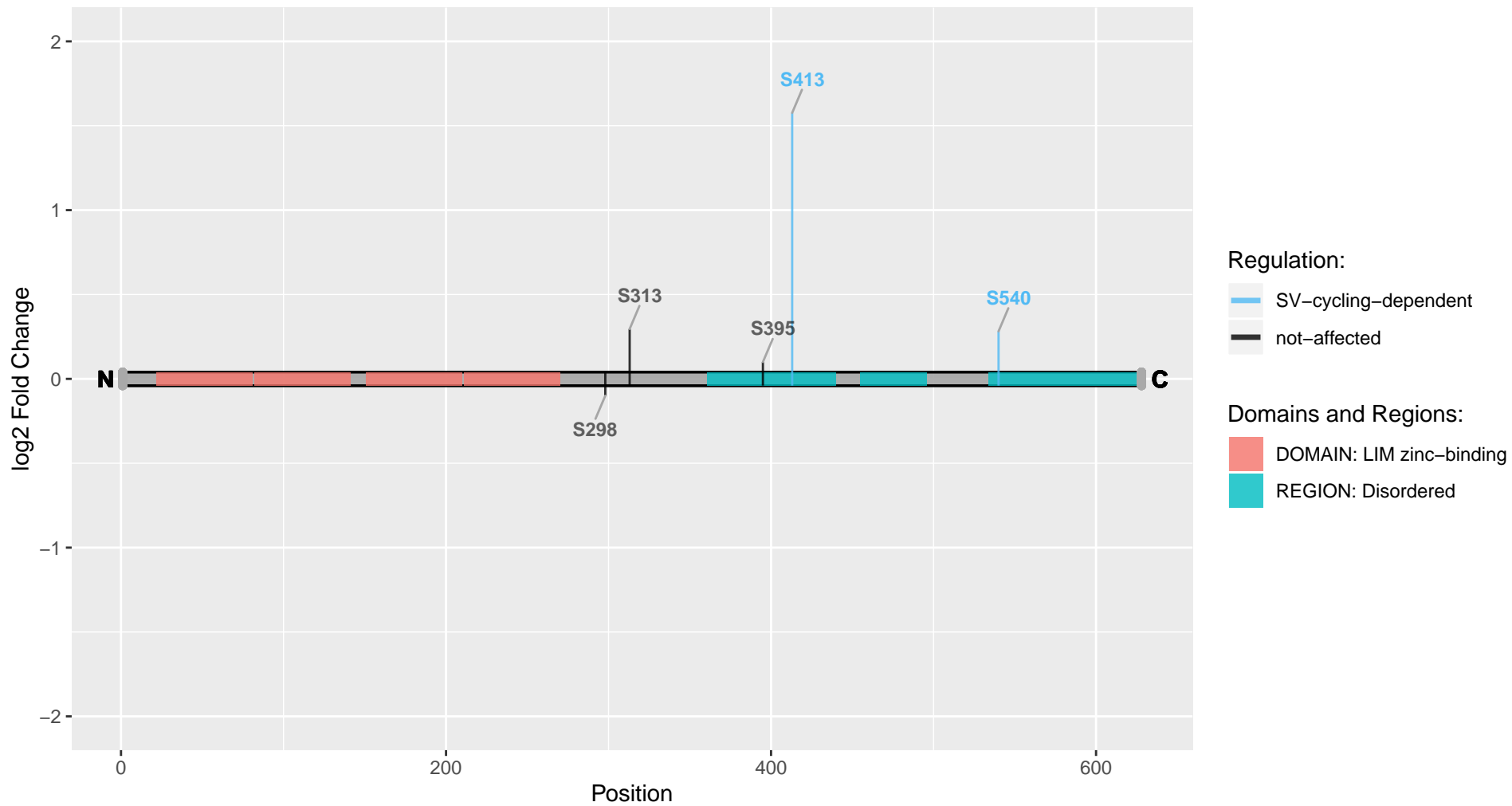
Abl-interactor 2



Ablim2

Uniprot Accession: A0A0G2JTB5

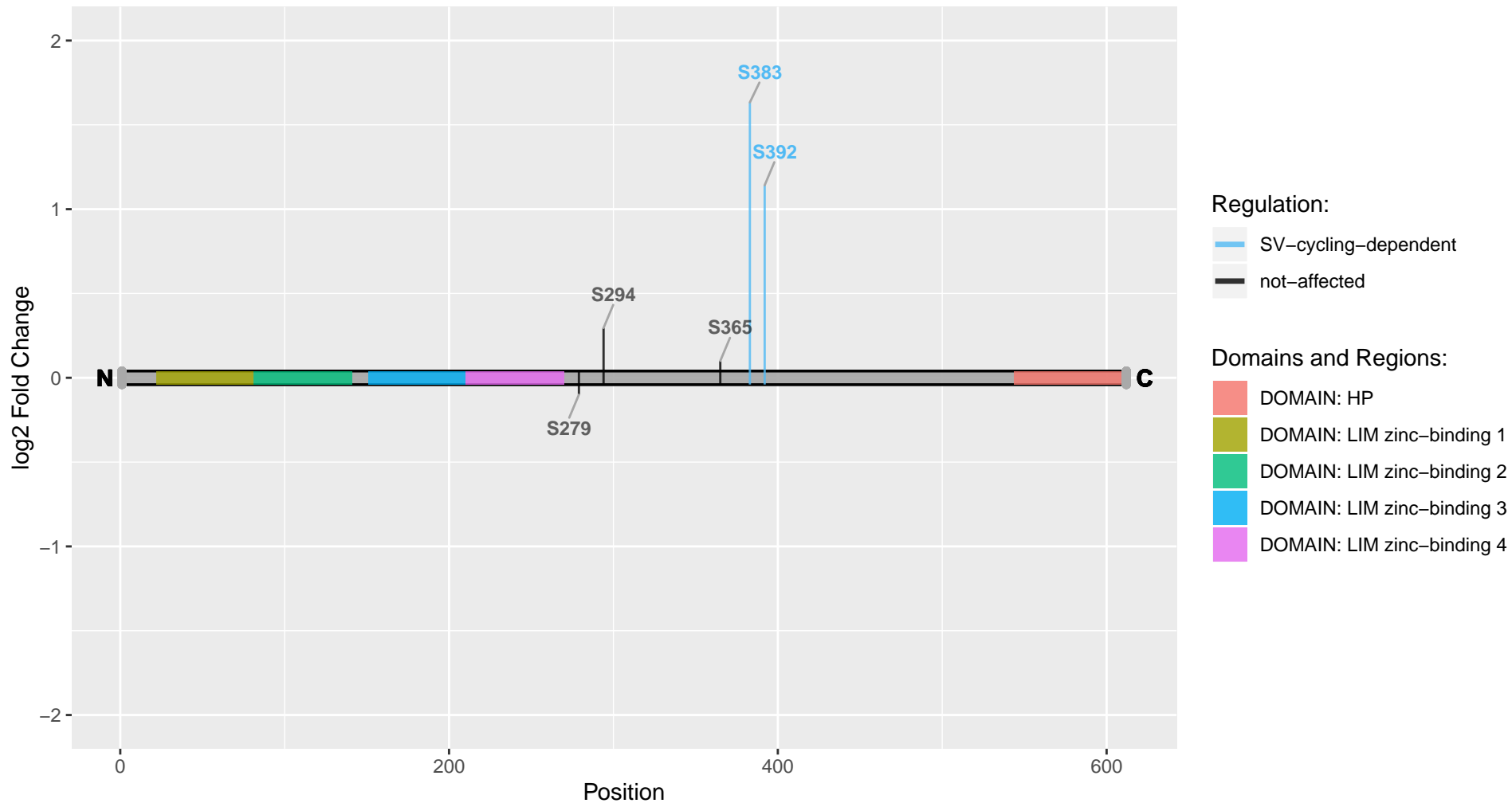
Actin-binding LIM protein 2



Ablim2

Uniprot Accession: Q6KC51

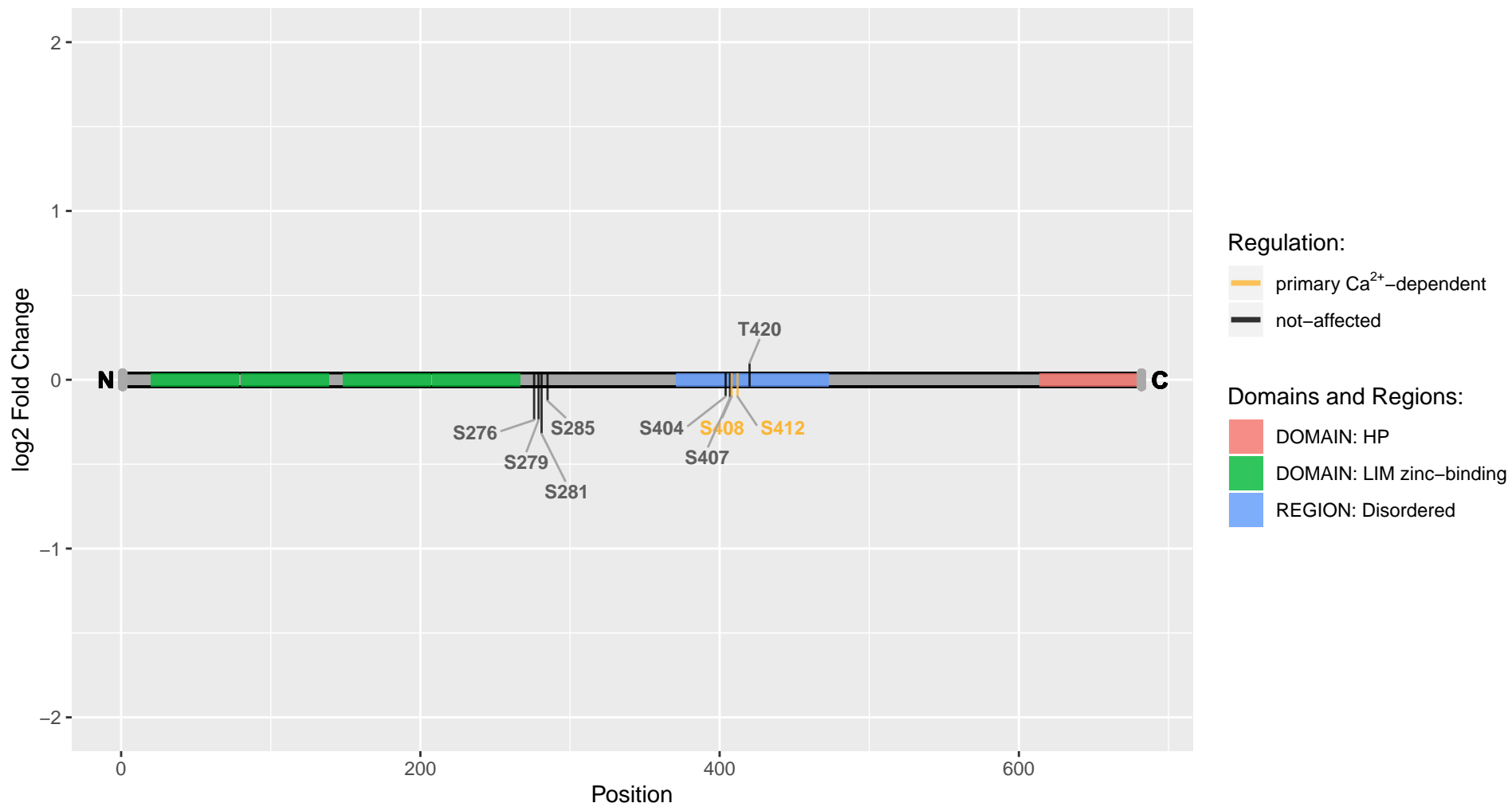
Actin-binding LIM protein 2



Ablim3

Uniprot Accession: F1M8U2

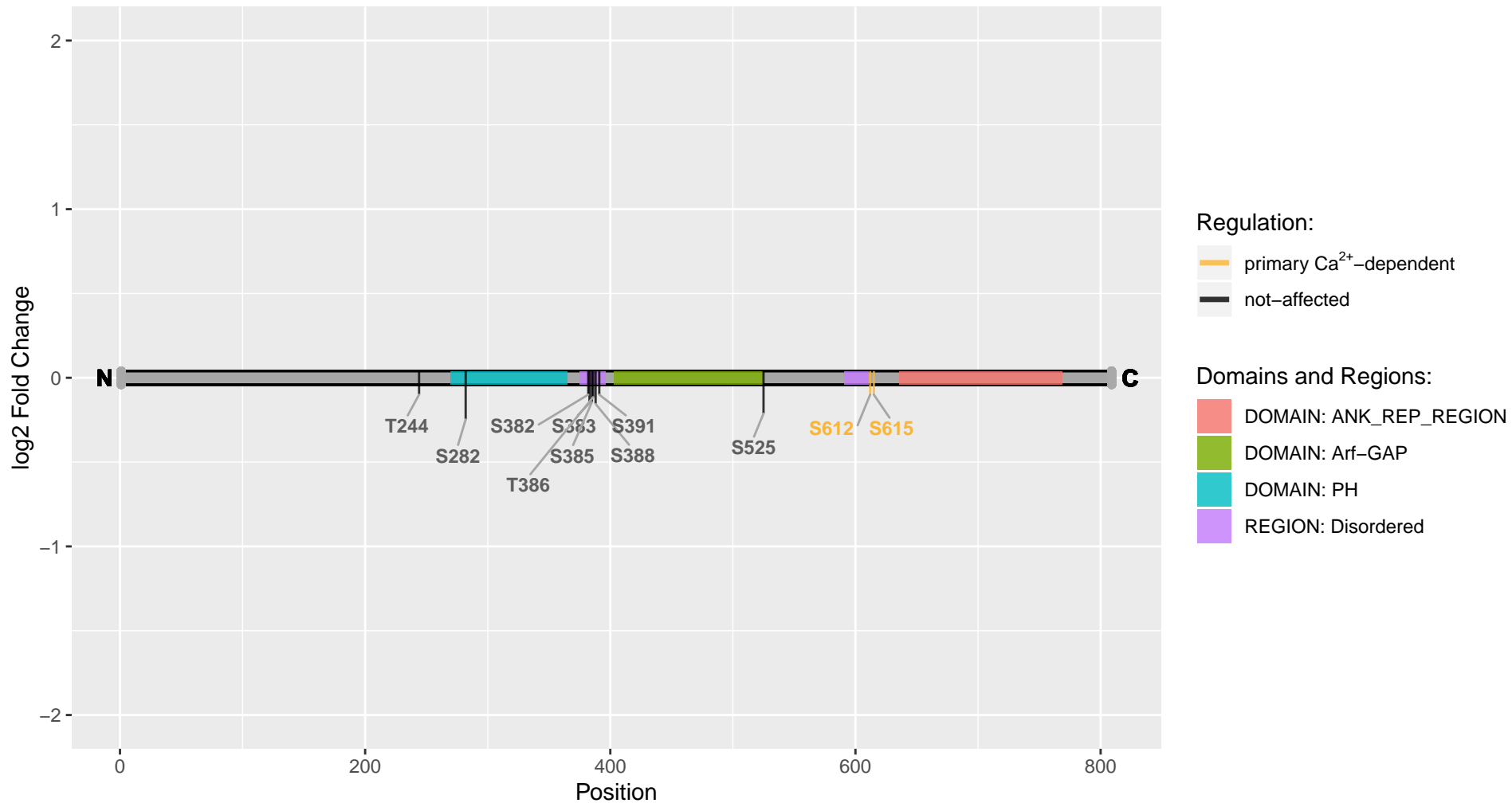
Actin-binding LIM protein family, member 3



Acap2

Uniprot Accession: A0A0G2K4T3

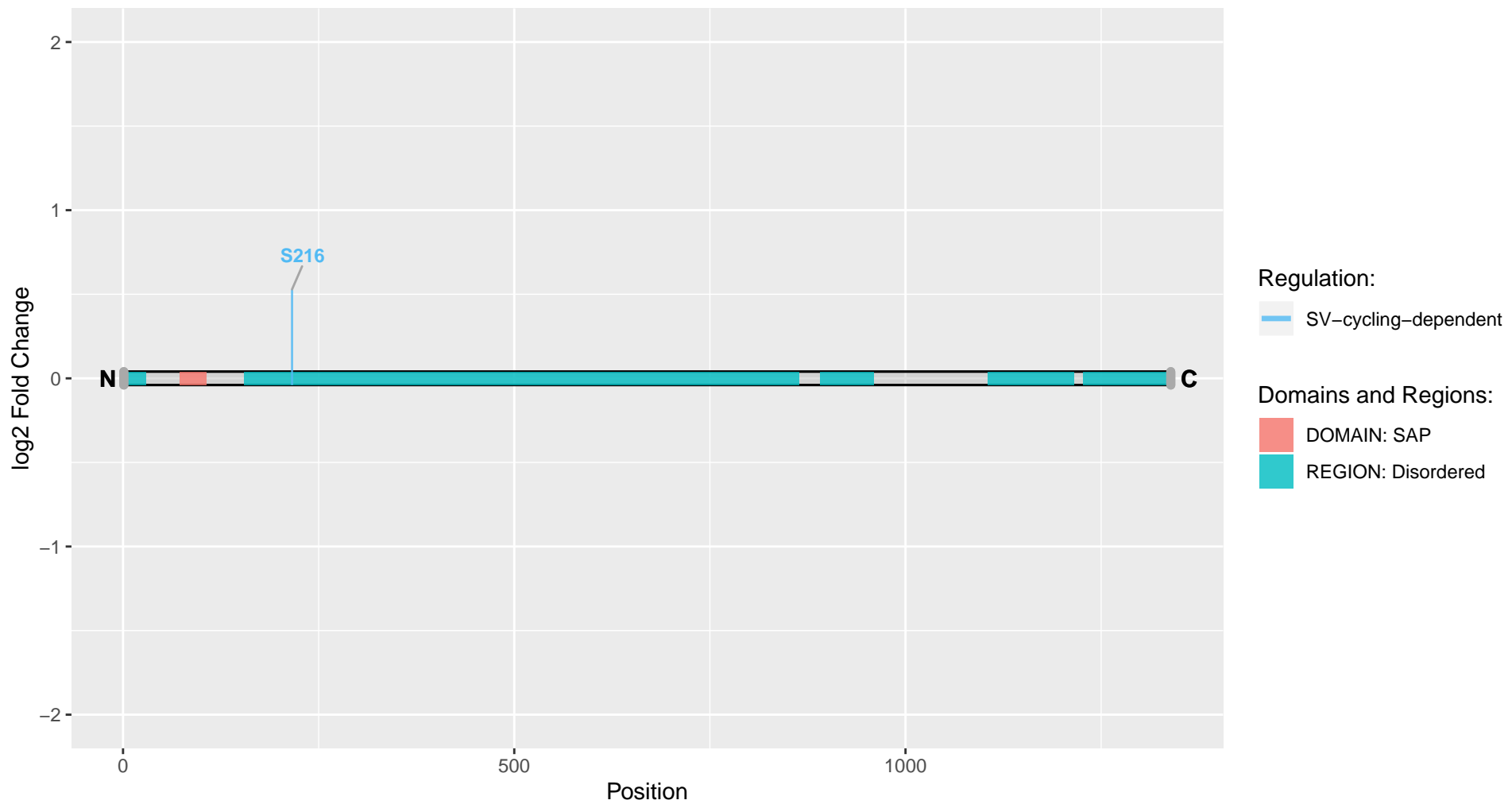
Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2



Acin1

Uniprot Accession: E9PST5

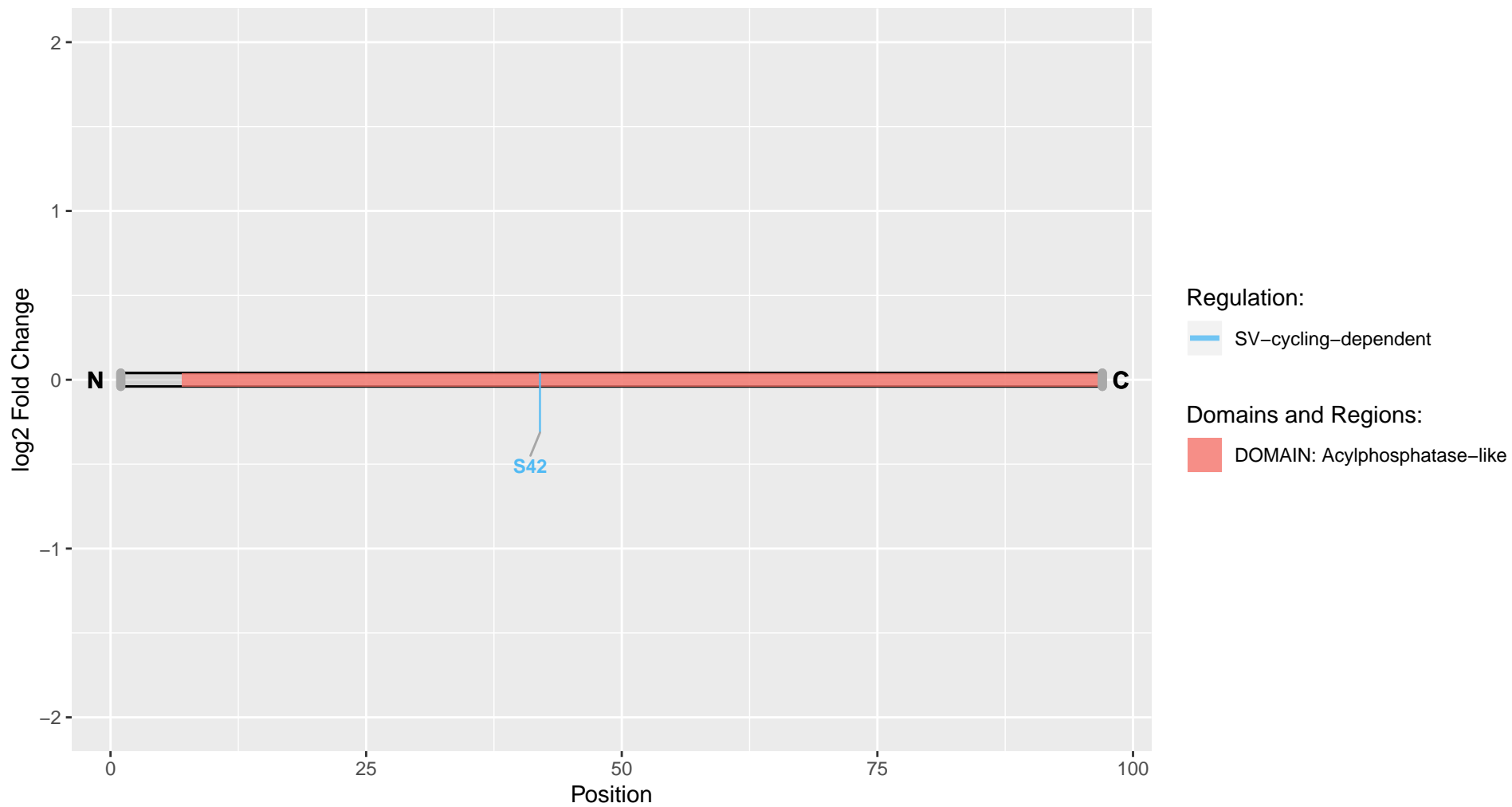
Apoptotic chromatin condensation inducer 1



Acyp2

Uniprot Accession: P35745

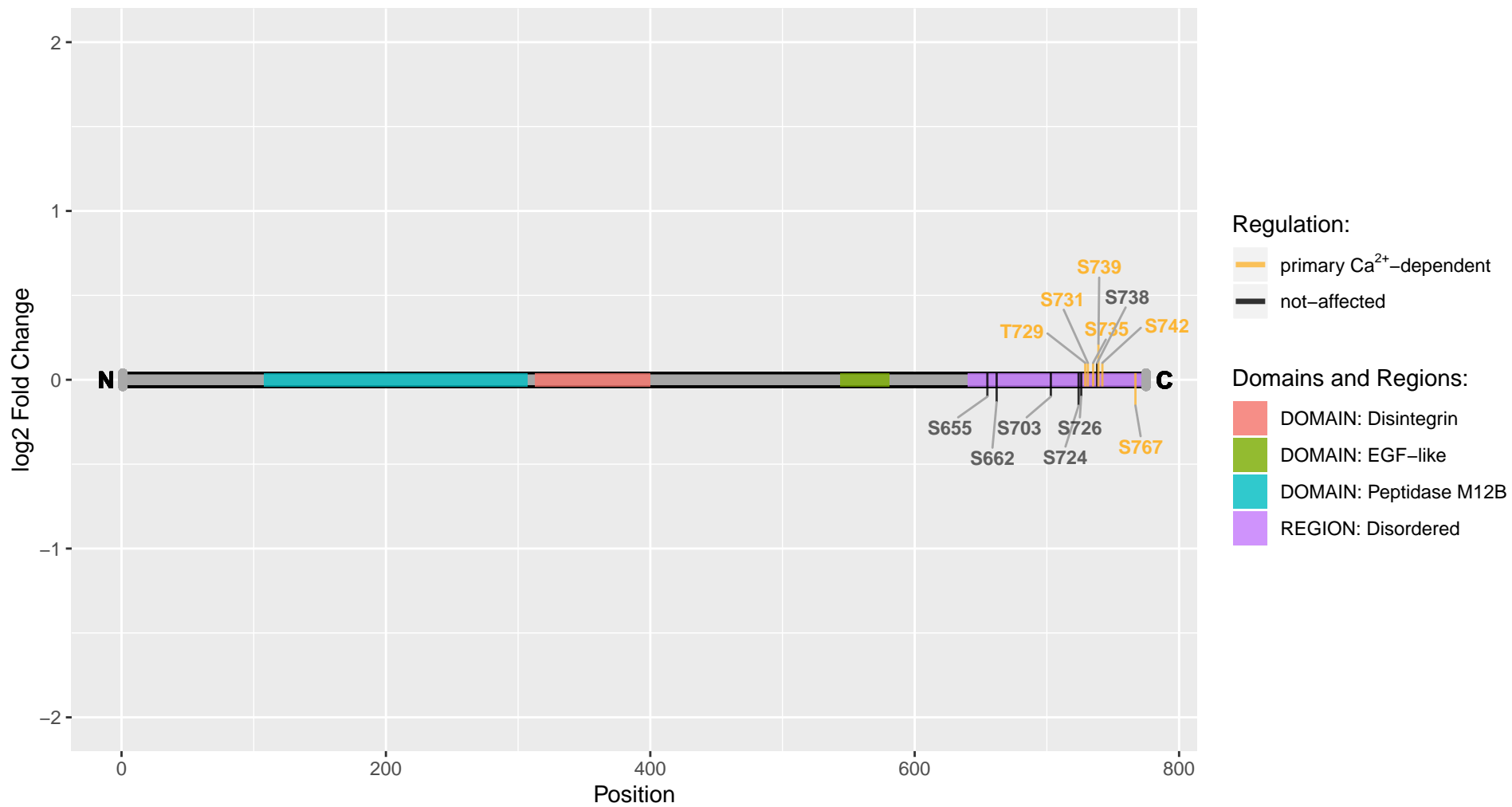
Acylphosphatase-2



Adam22

Uniprot Accession: M0R5P8

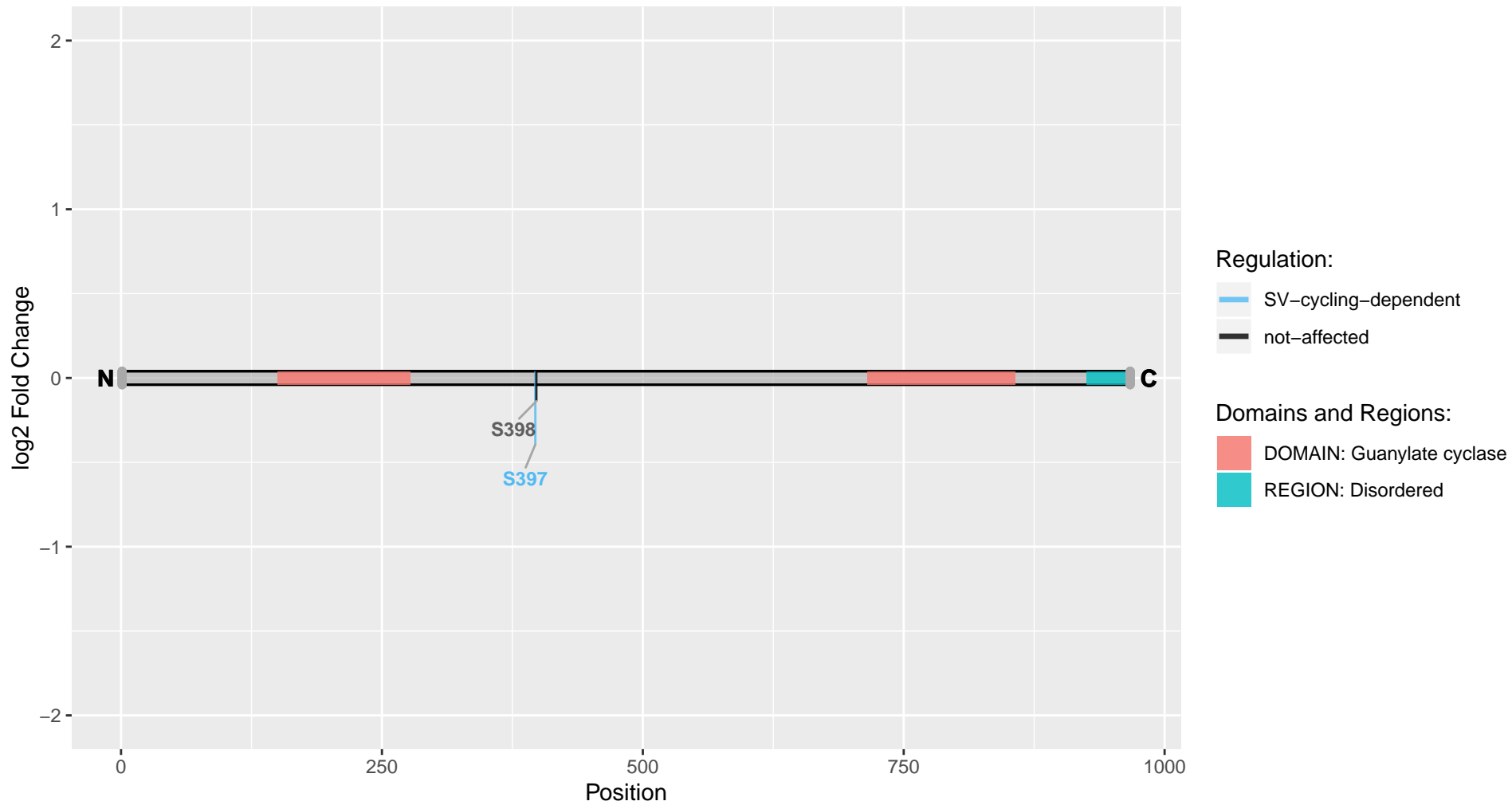
ADAM metallopeptidase domain 22



Adcy1

Uniprot Accession: D4A3N4

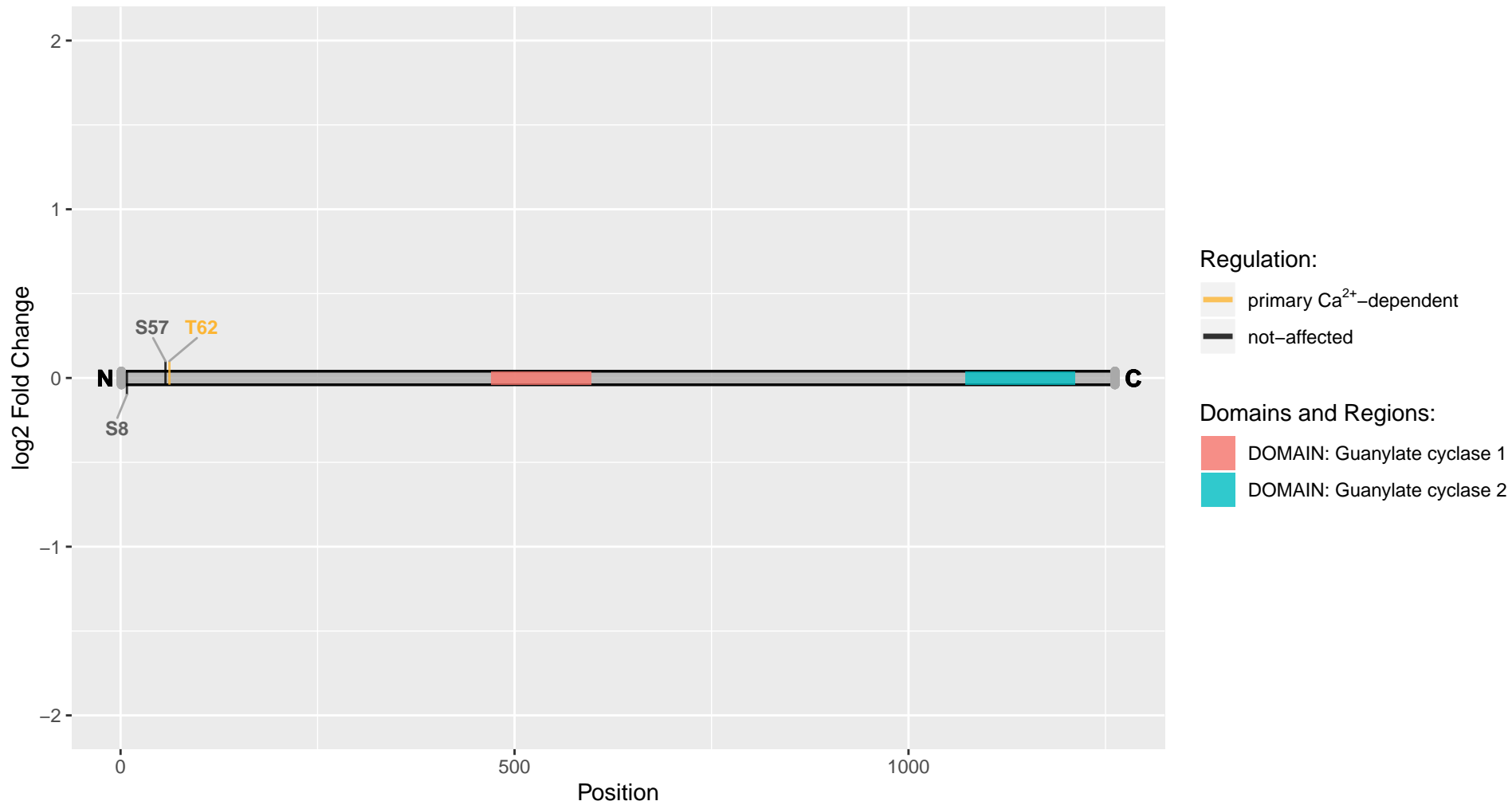
Adenylate cyclase



Adcy5

Uniprot Accession: Q04400

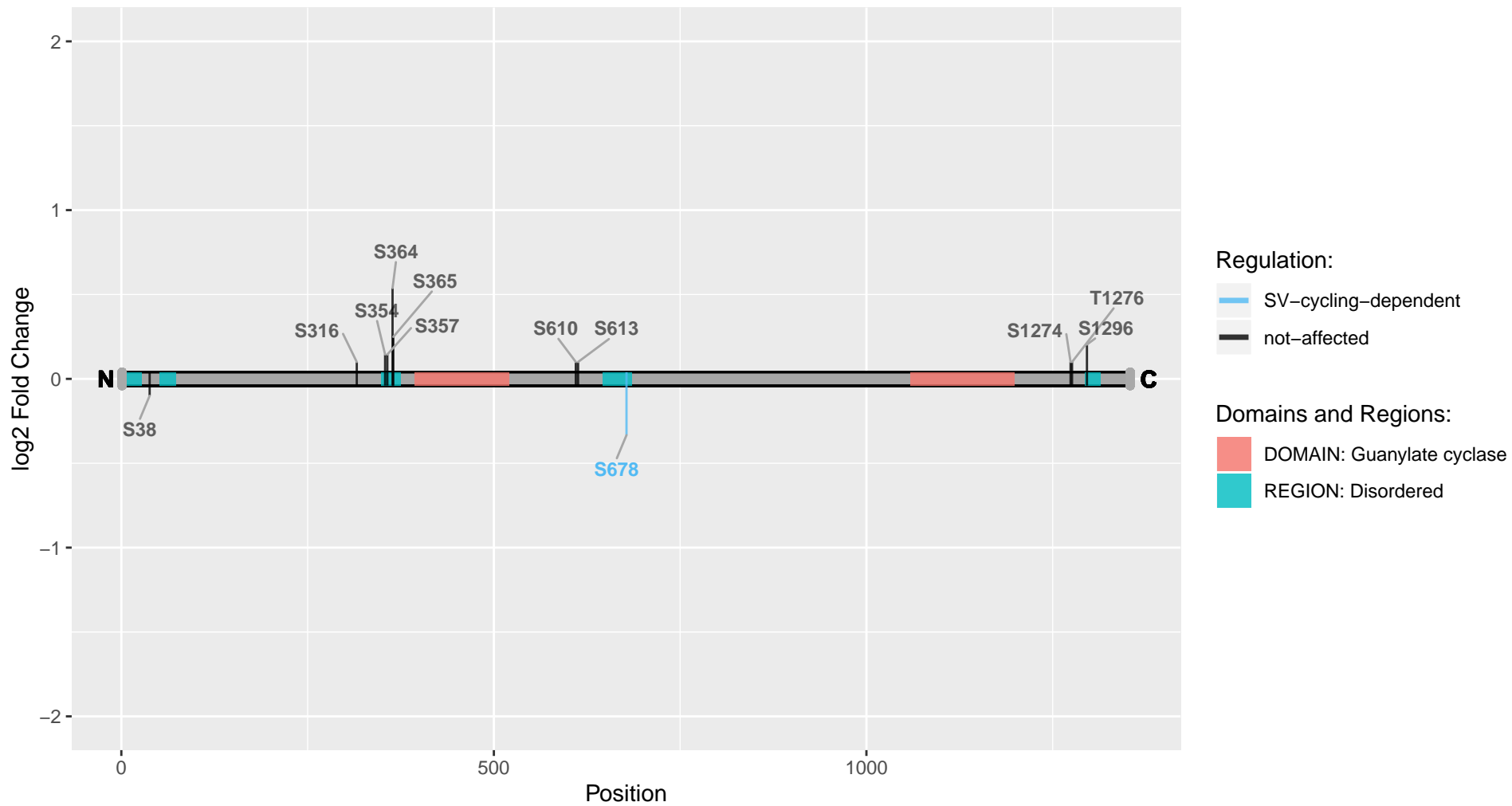
Adenylate cyclase type 5



Adcy9

Uniprot Accession: M0R5U4

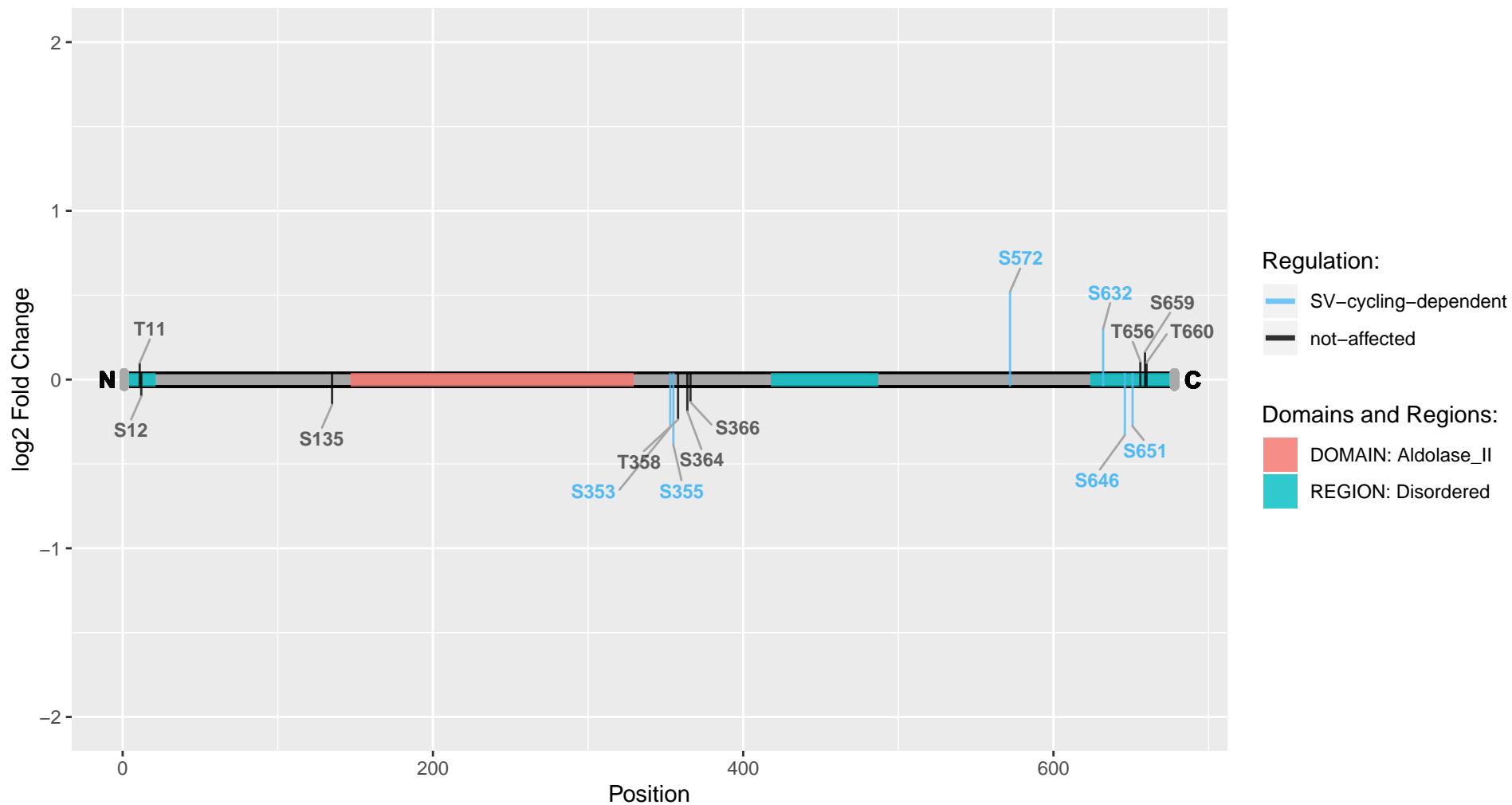
Adenylate cyclase 9



Add1

Uniprot Accession: D3ZZ99

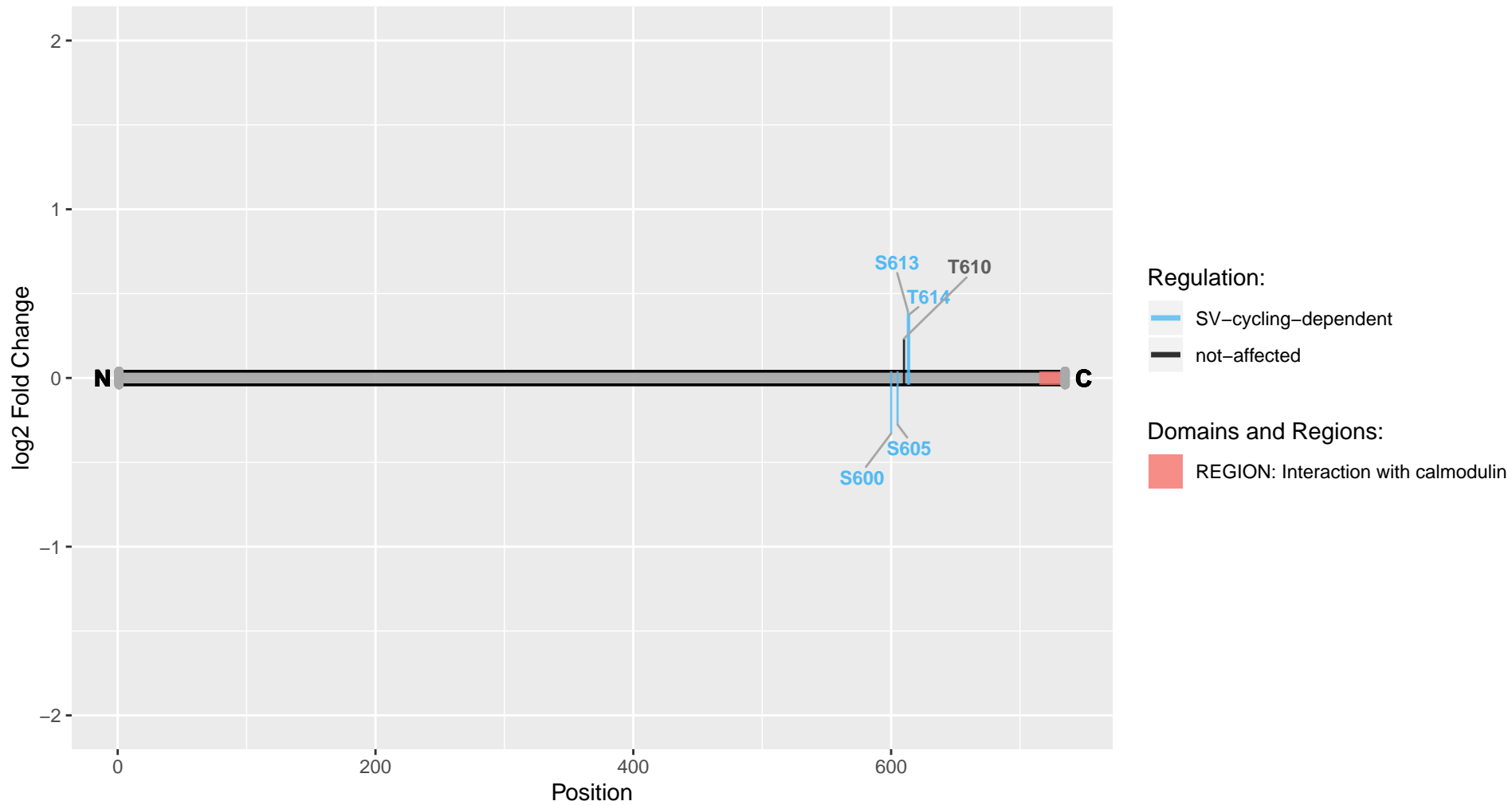
Alpha-adducin



Add1

Uniprot Accession: Q63028

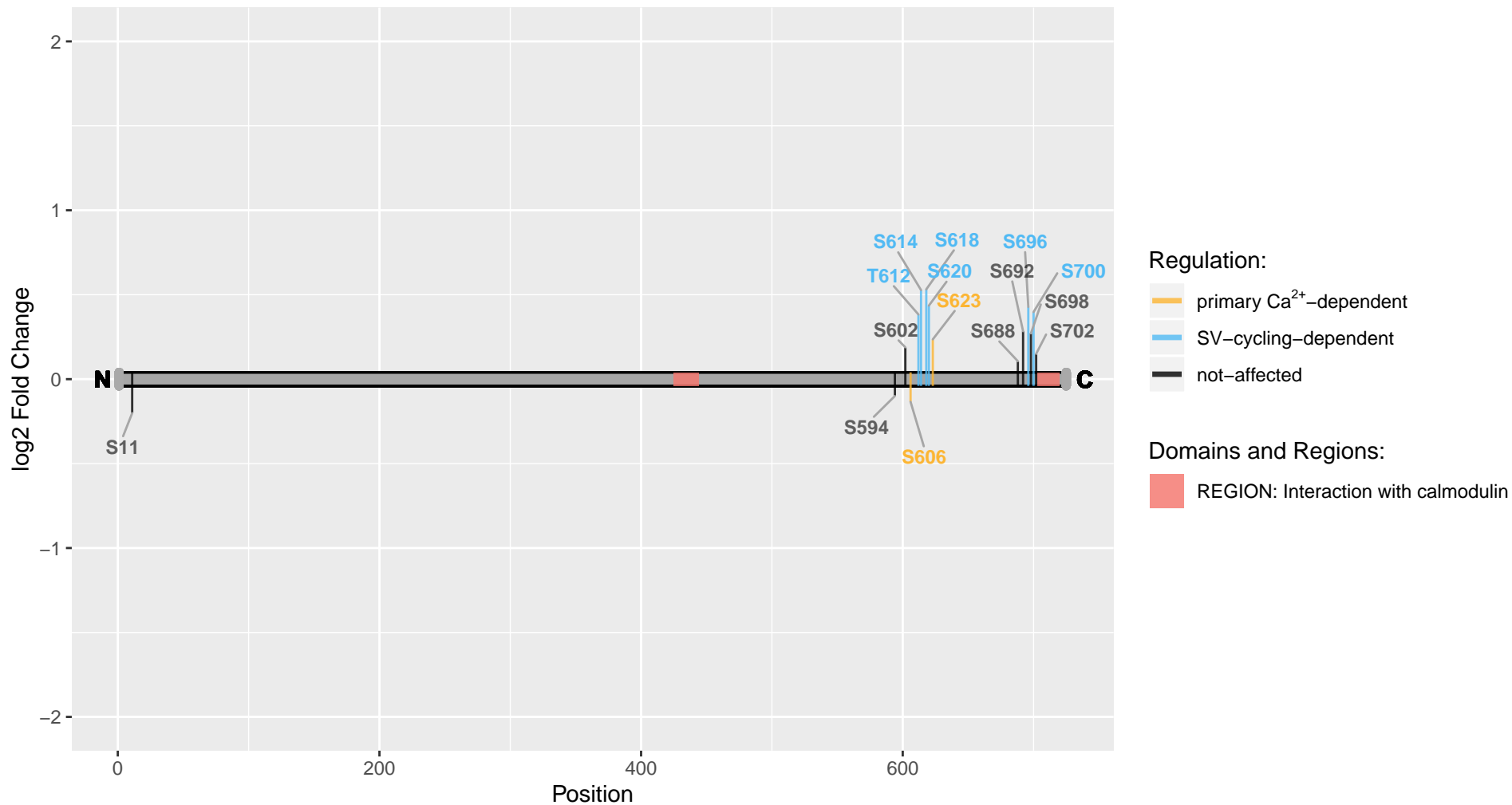
Alpha-adducin



Add2

Uniprot Accession: Q05764

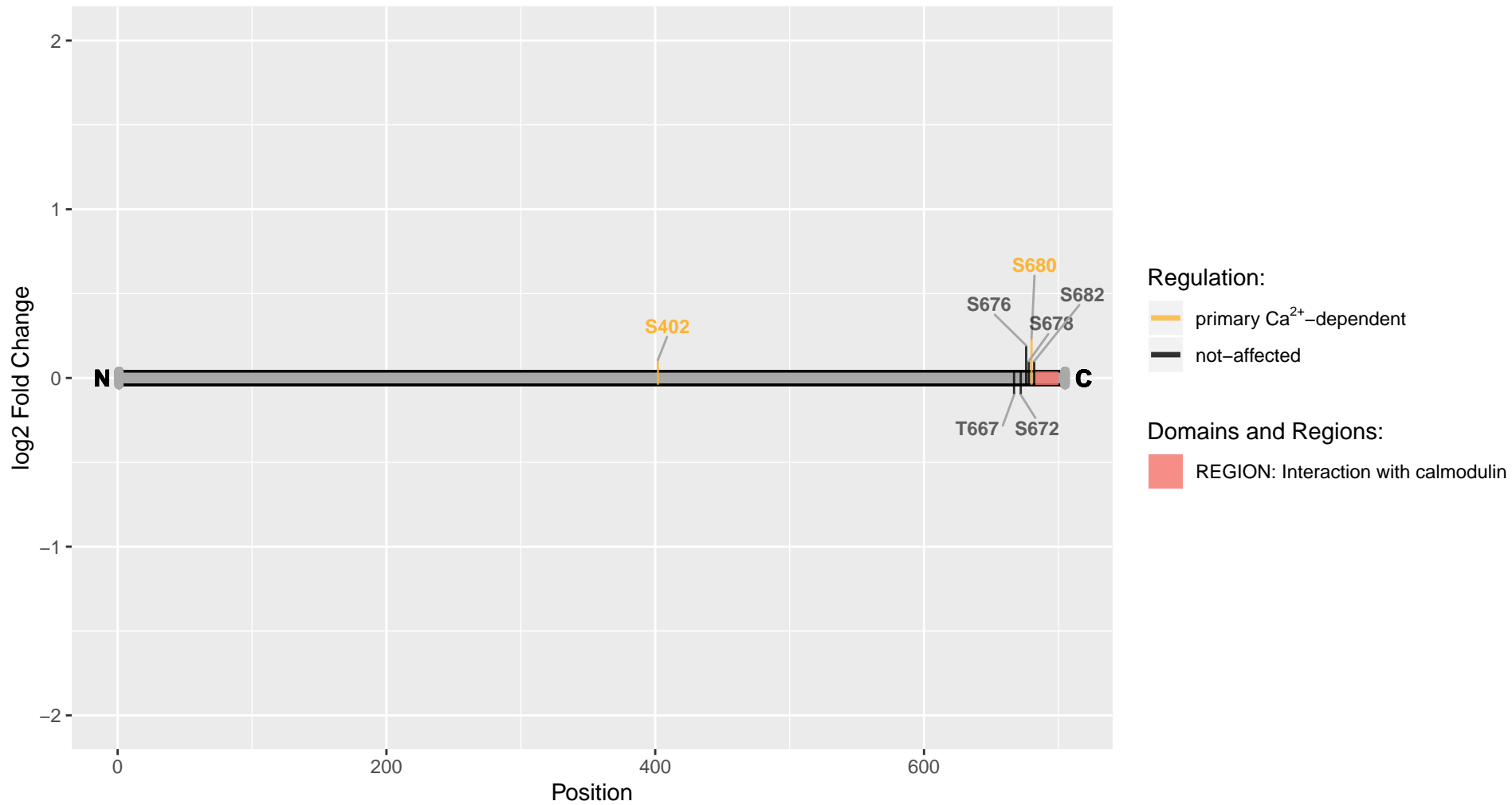
Beta-adducin



Add3

Uniprot Accession: Q62847

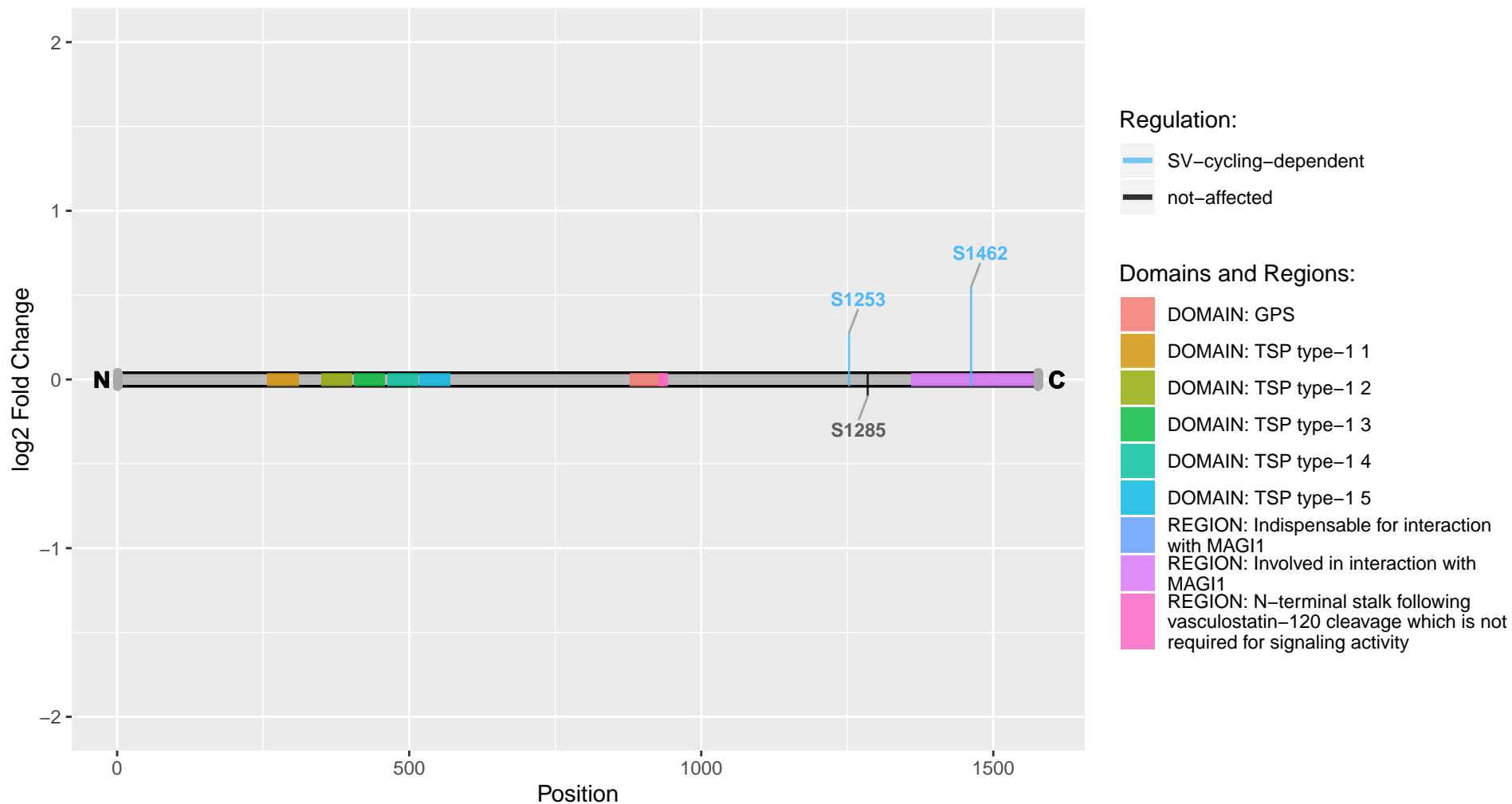
Gamma-adducin



Adgrb1

Uniprot Accession: C0HL12

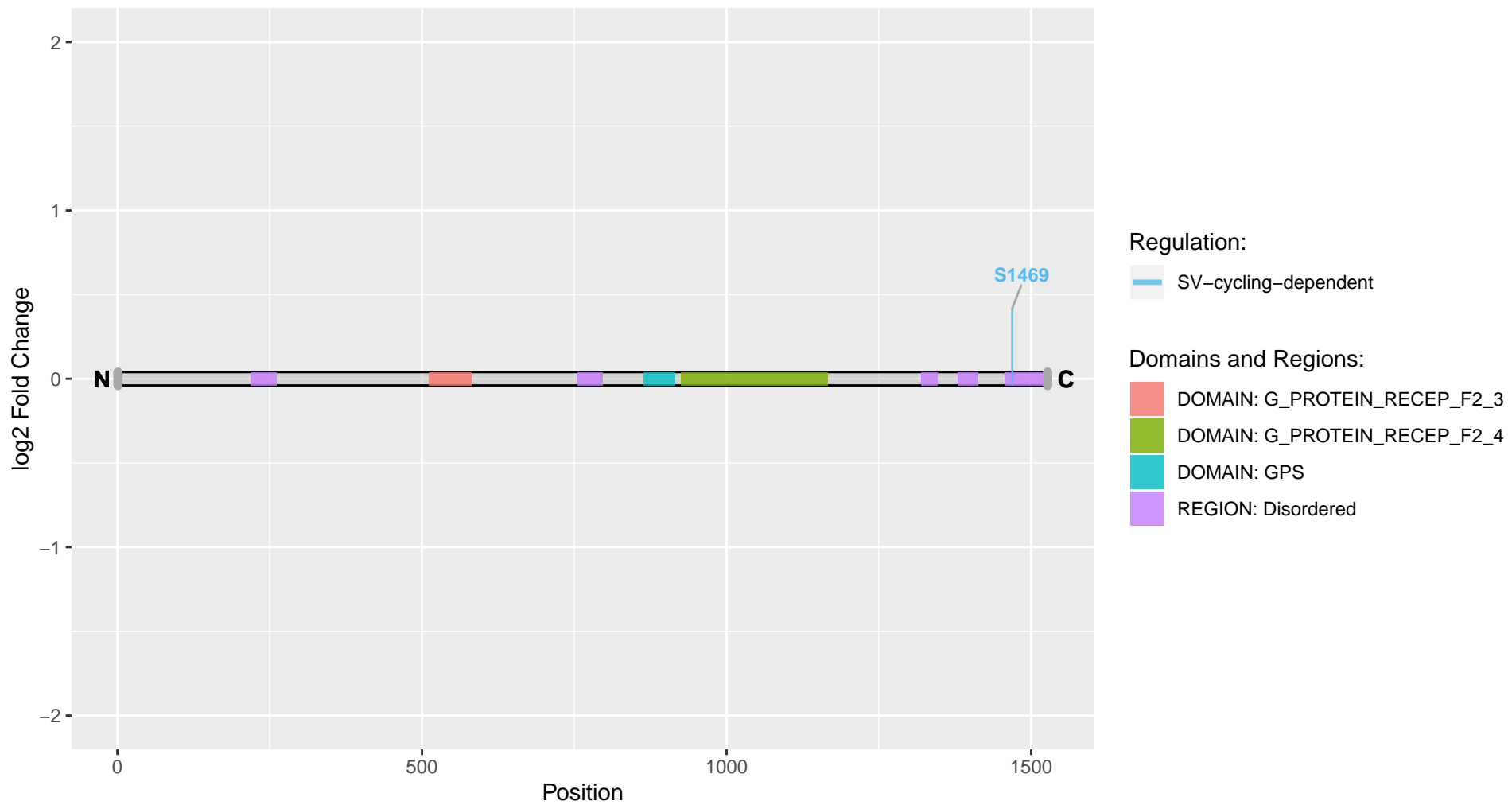
Adhesion G protein-coupled receptor B1



Adgrb2

Uniprot Accession: A0A0G2K6N2

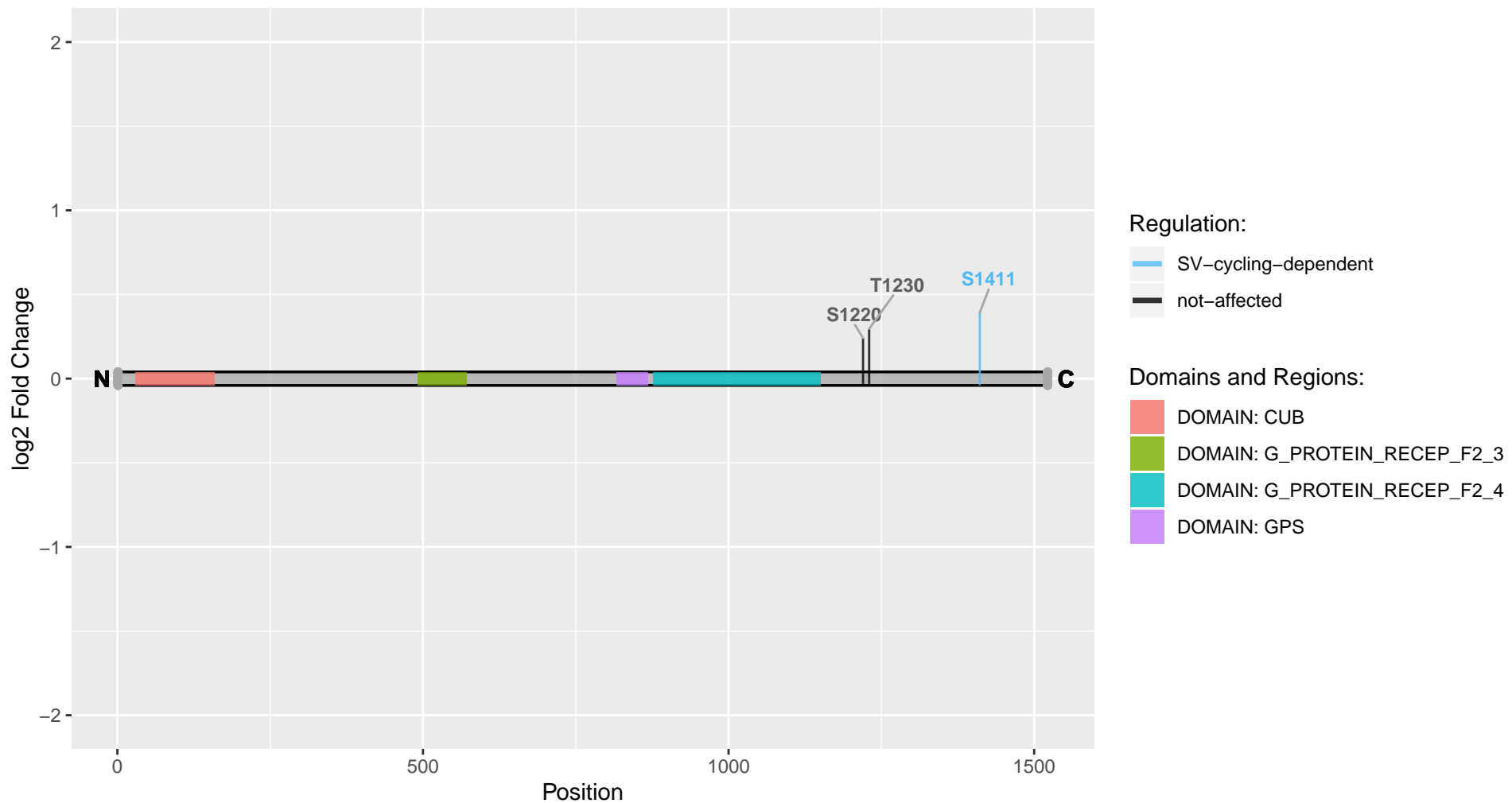
Adhesion G protein-coupled receptor B2



Adgrb3

Uniprot Accession: D4A831

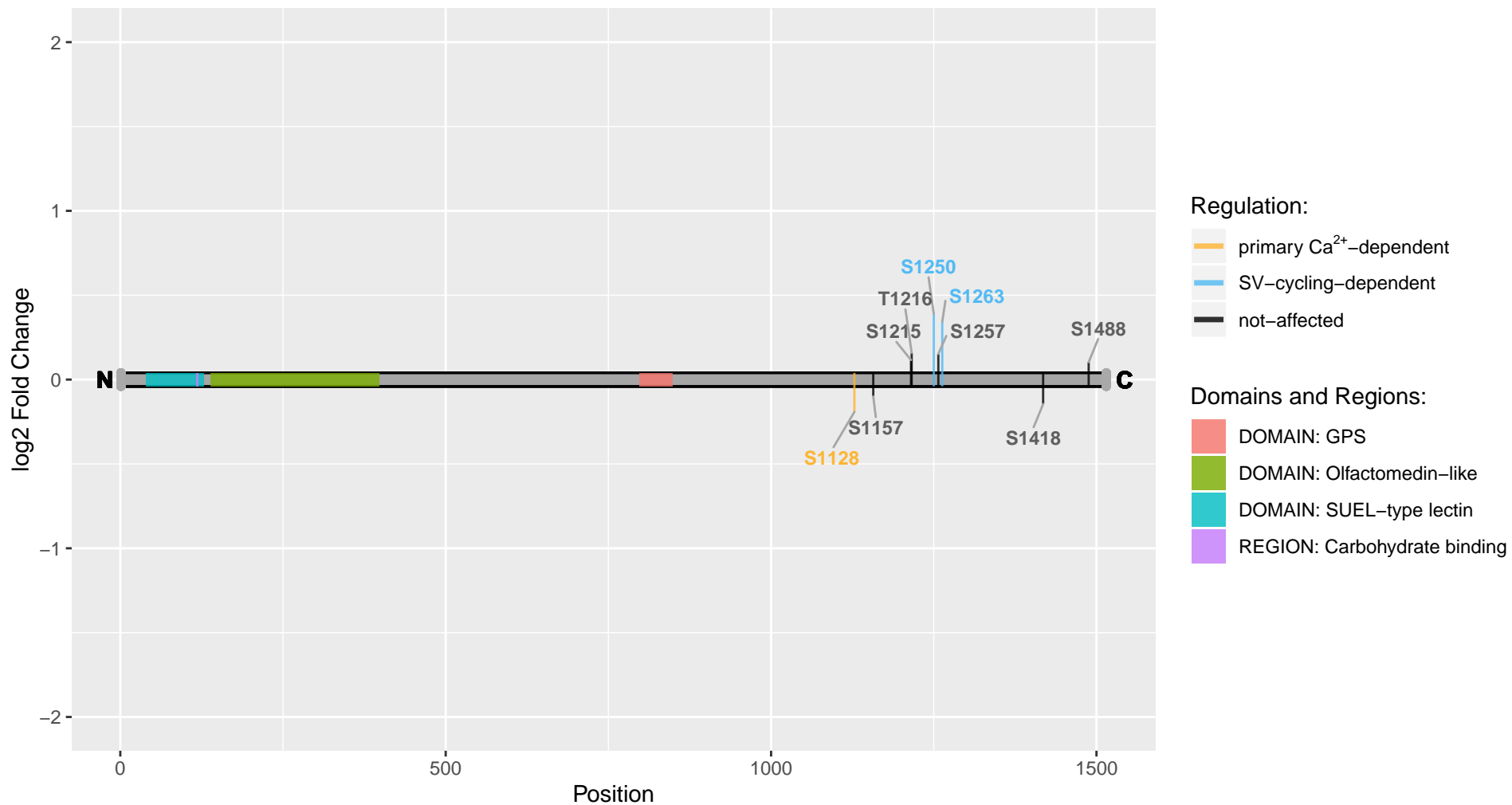
Adhesion G protein-coupled receptor B3



Adgr1

Uniprot Accession: O88917

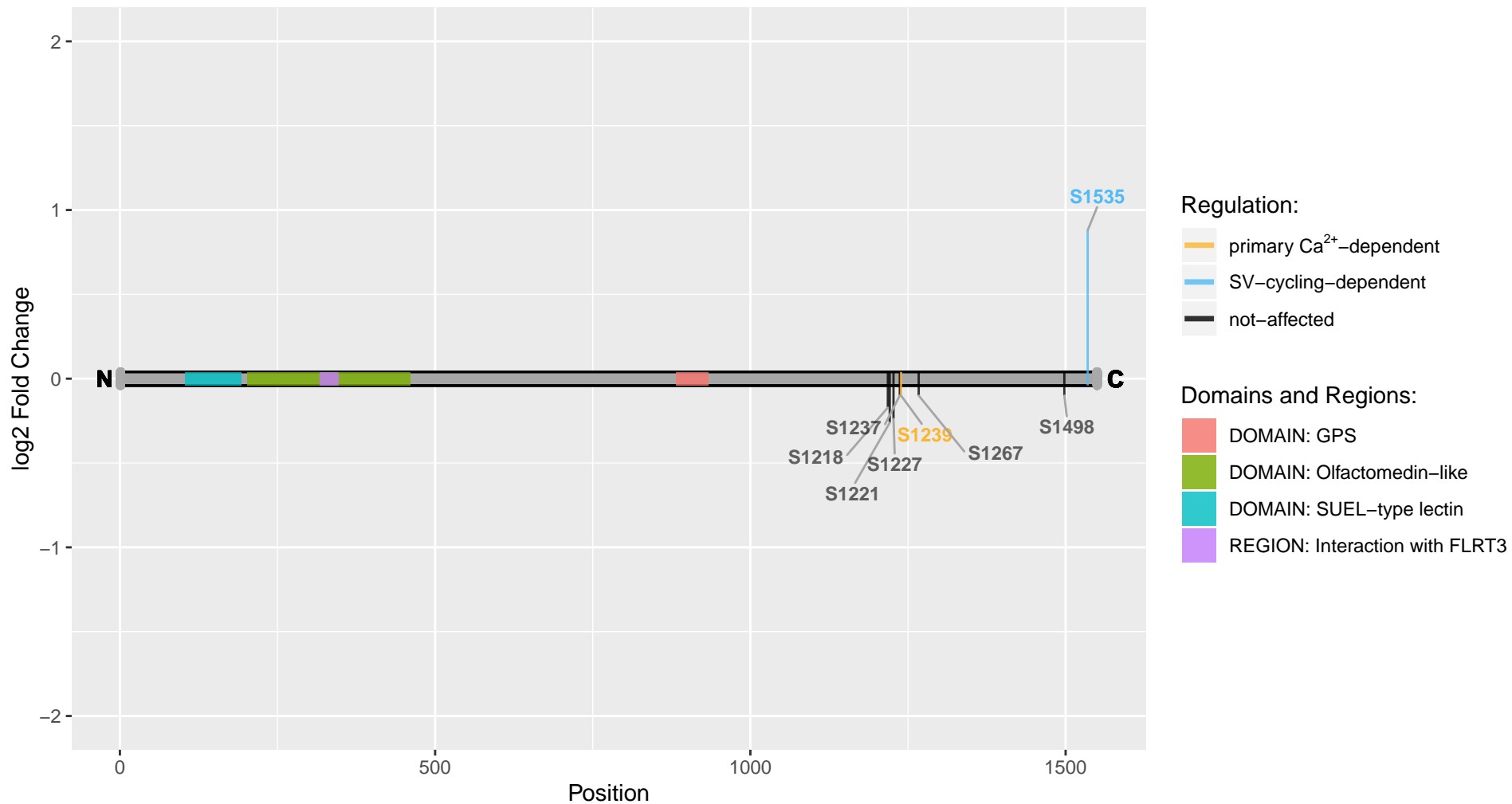
Adhesion G protein-coupled receptor L1



Adgrl3

Uniprot Accession: Q9Z173

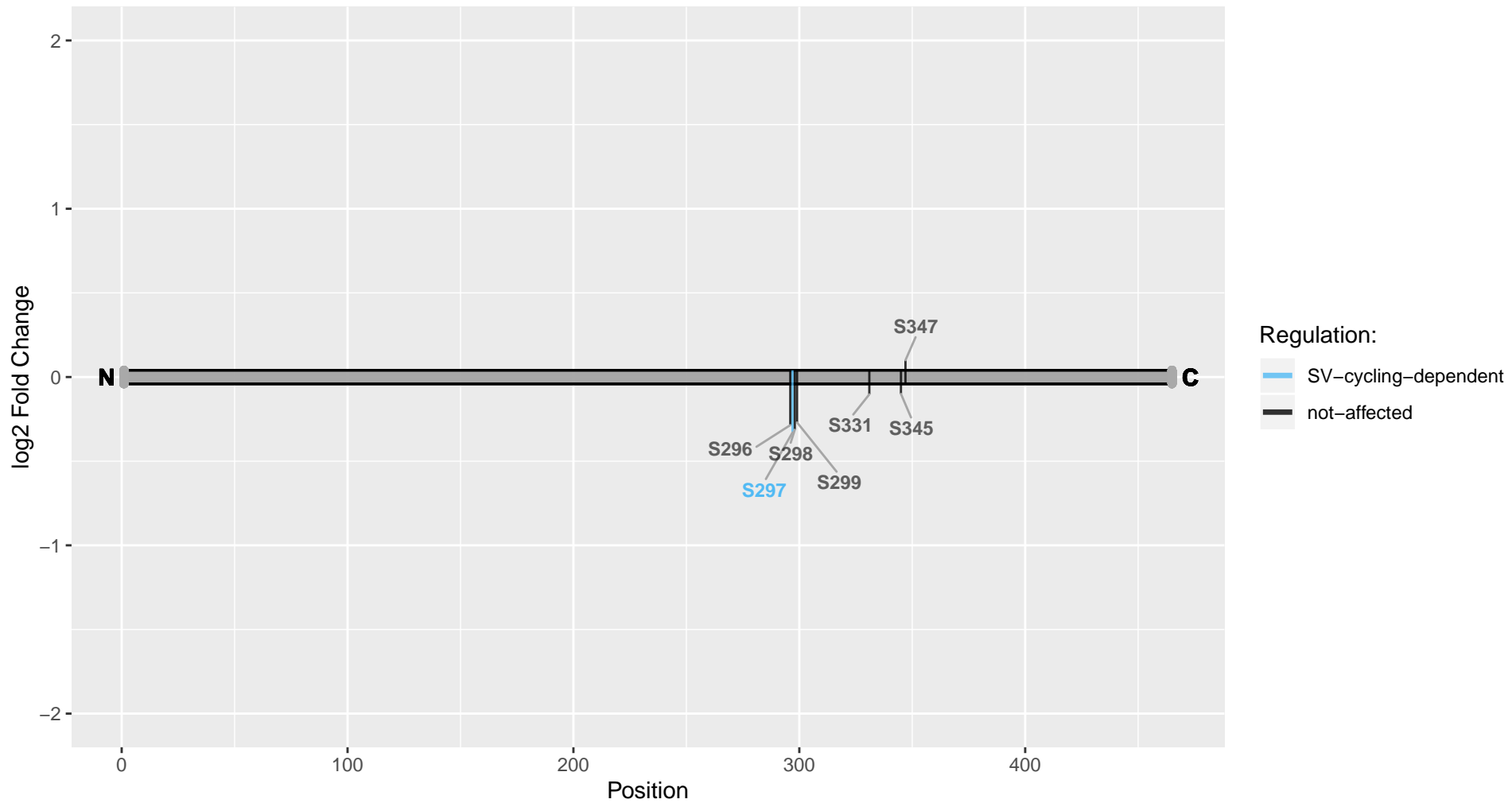
Adhesion G protein-coupled receptor L3



Adra2a

Uniprot Accession: P22909

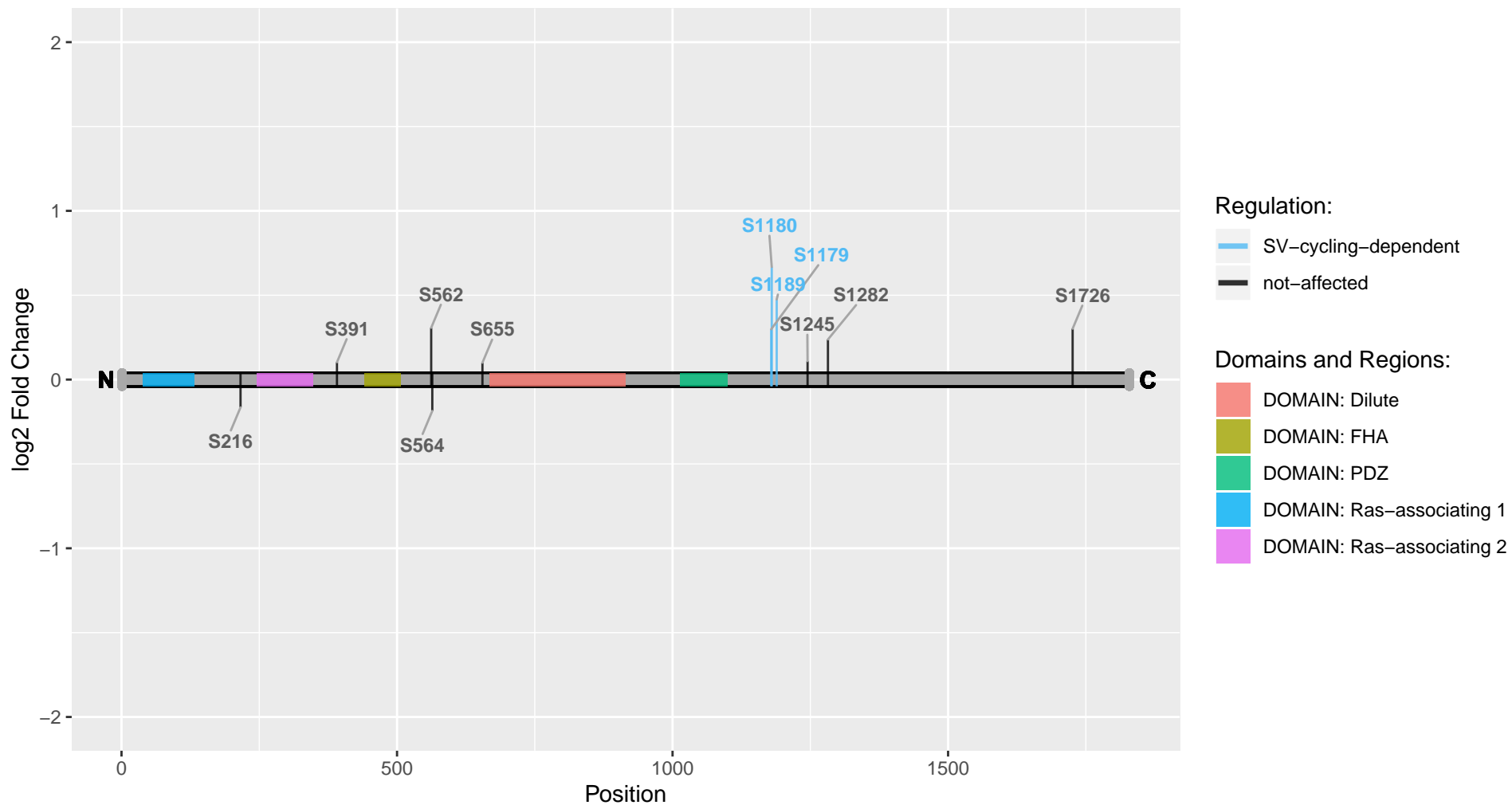
Alpha-2A adrenergic receptor



Afdn

Uniprot Accession: O35889

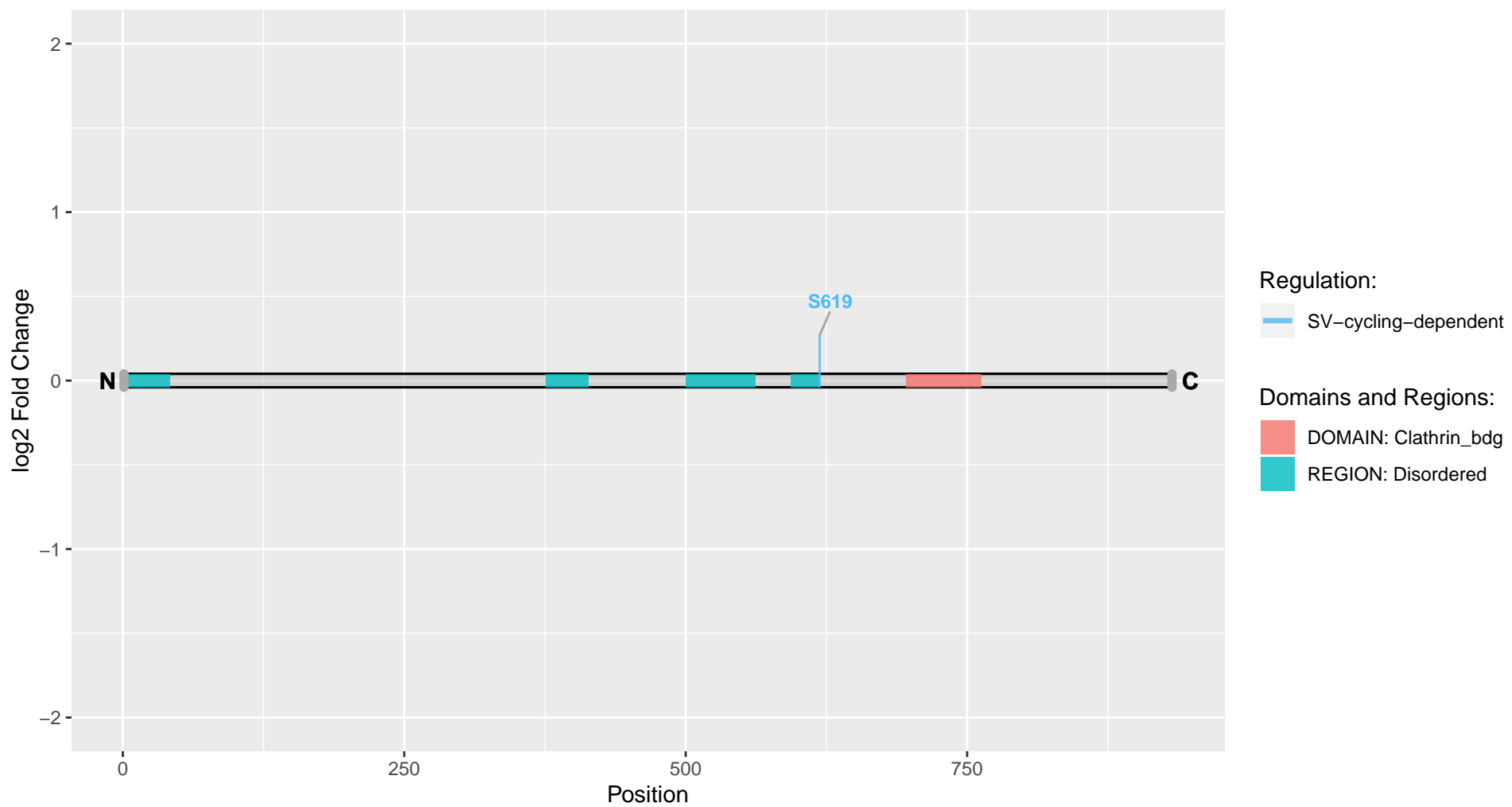
Afadin



Aftph

Uniprot Accession: D3ZQQ1

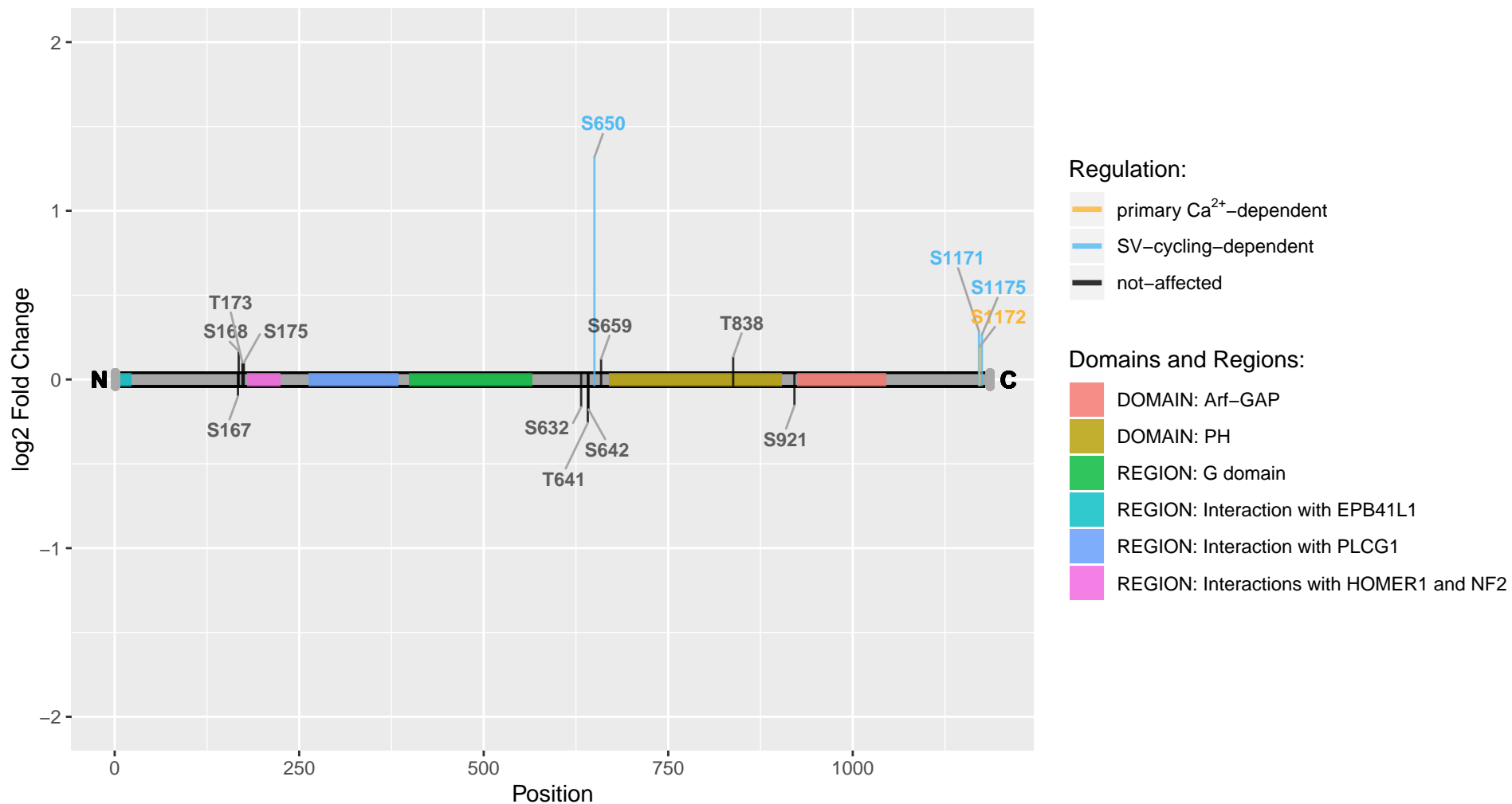
Aftiphilin



Agap2

Uniprot Accession: Q8CGU4

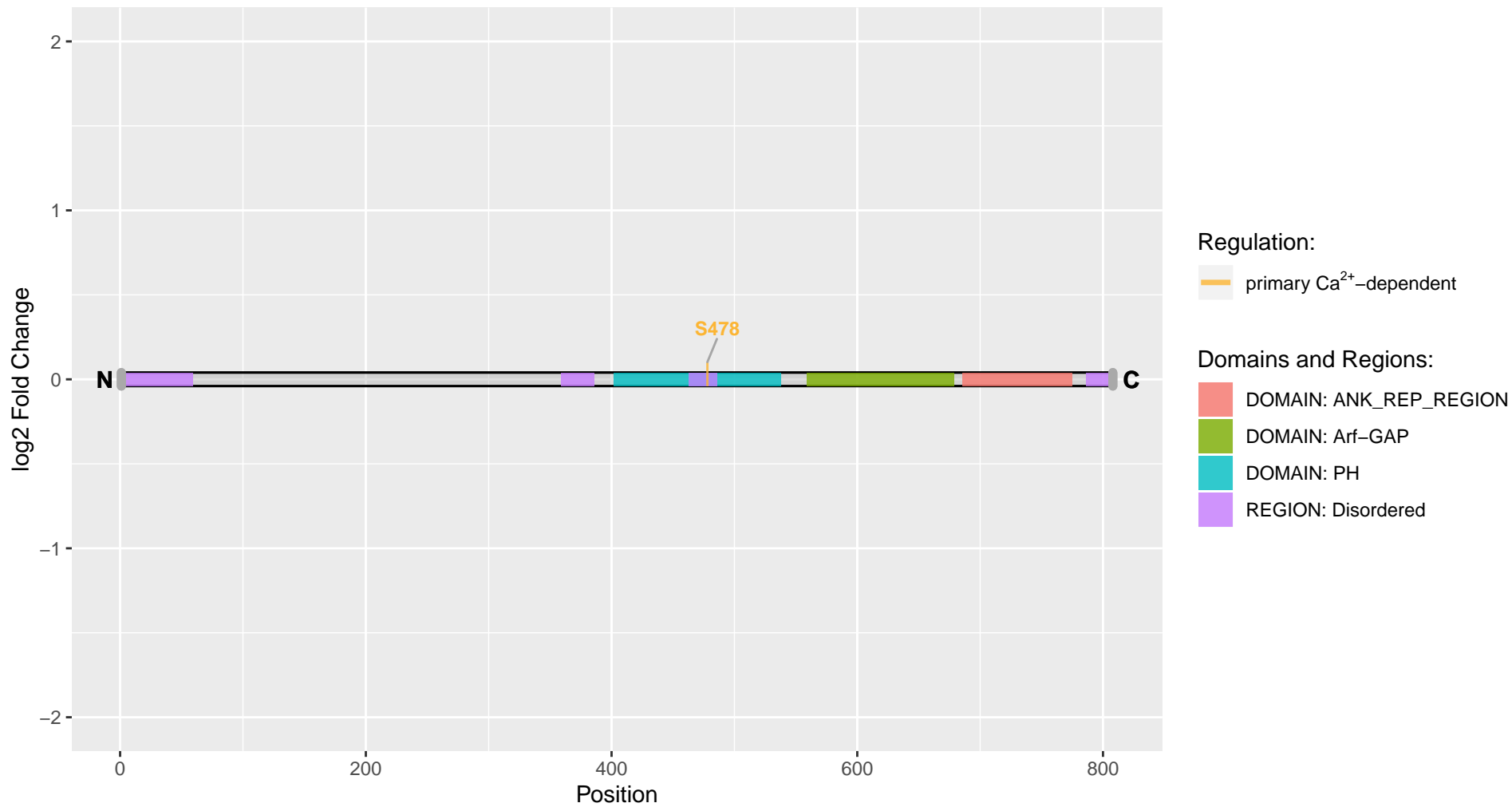
Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2



Agap3

Uniprot Accession: A0A0G2JZ83

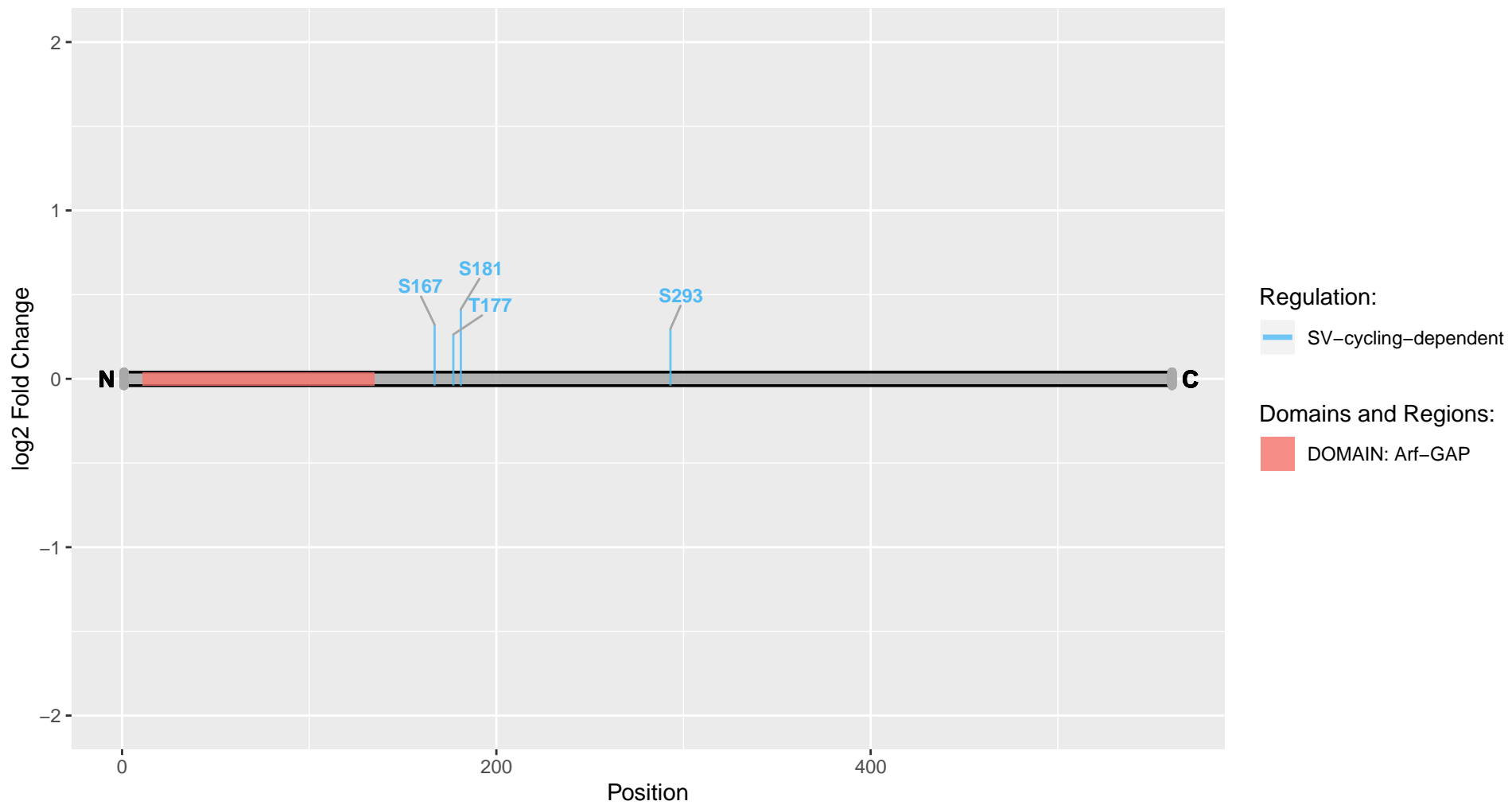
ArfGAP with GTPase domain, ankyrin repeat and PH domain 3



Agfg1

Uniprot Accession: Q4KLH5

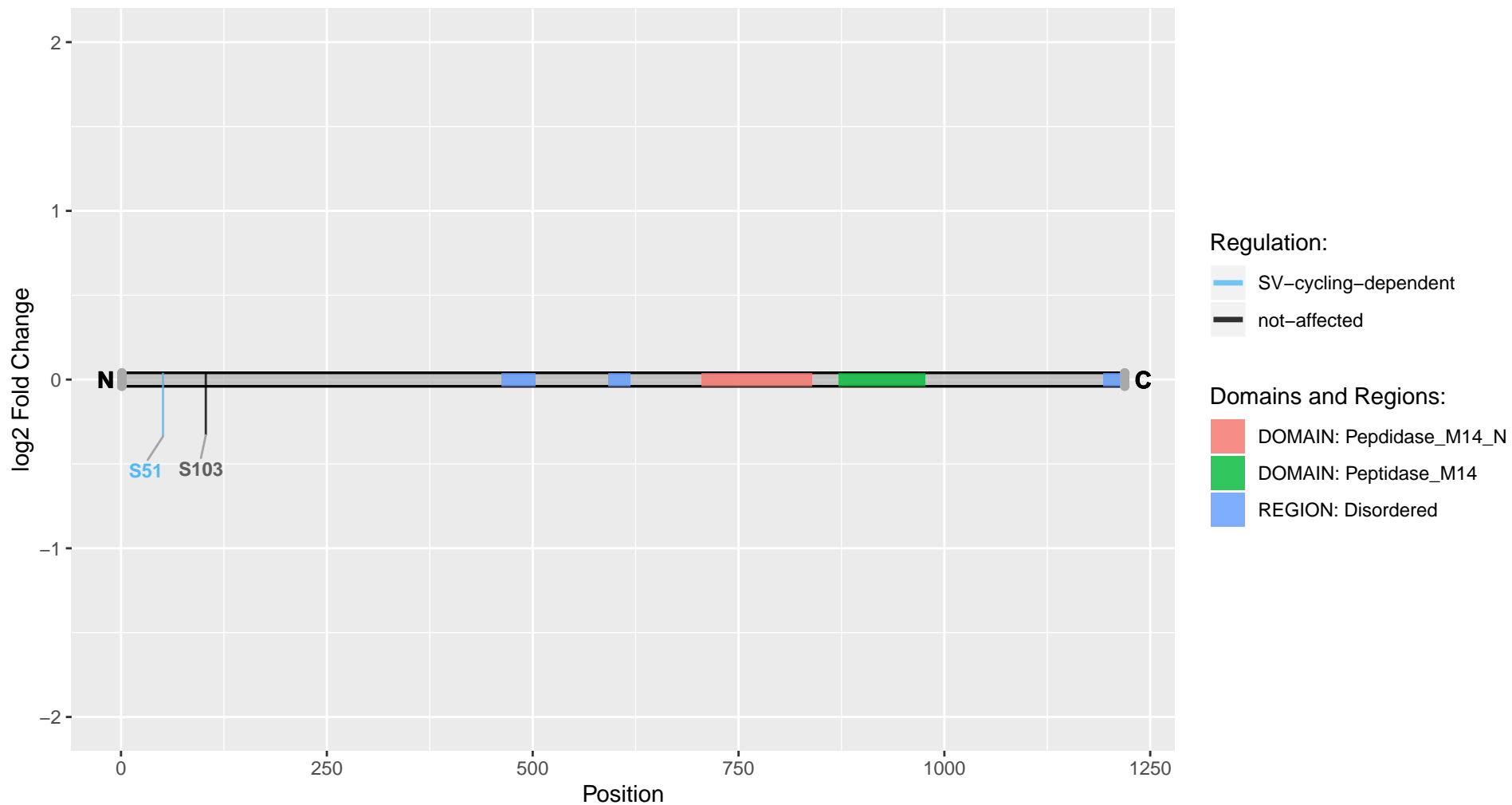
Arf-GAP domain and FG repeat-containing protein 1



Agtppb1

Uniprot Accession: G3V8G1

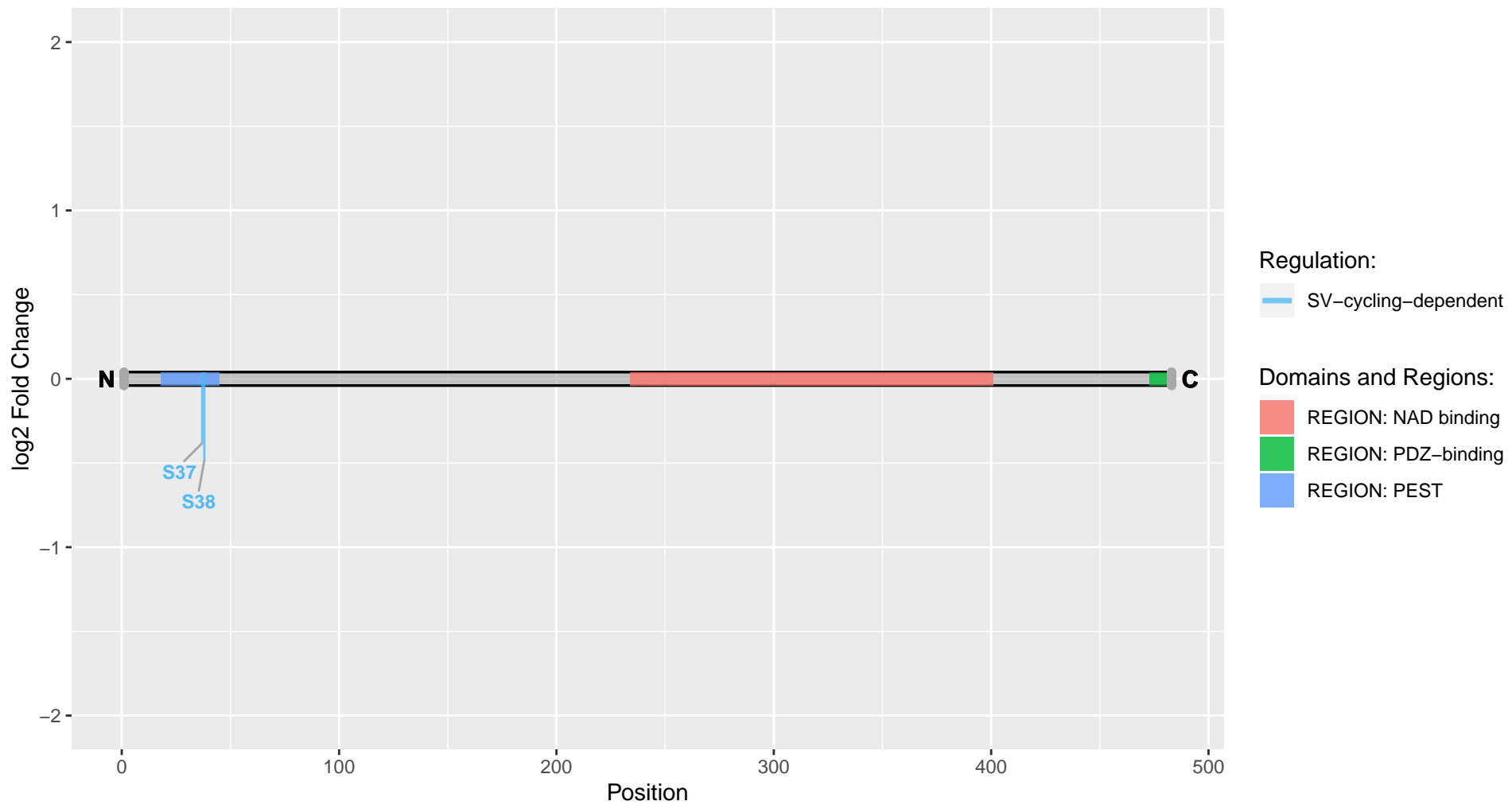
ATP/GTP binding protein 1 (Predicted), isoform CRA_a



Ahcy11

Uniprot Accession: B5DFN2

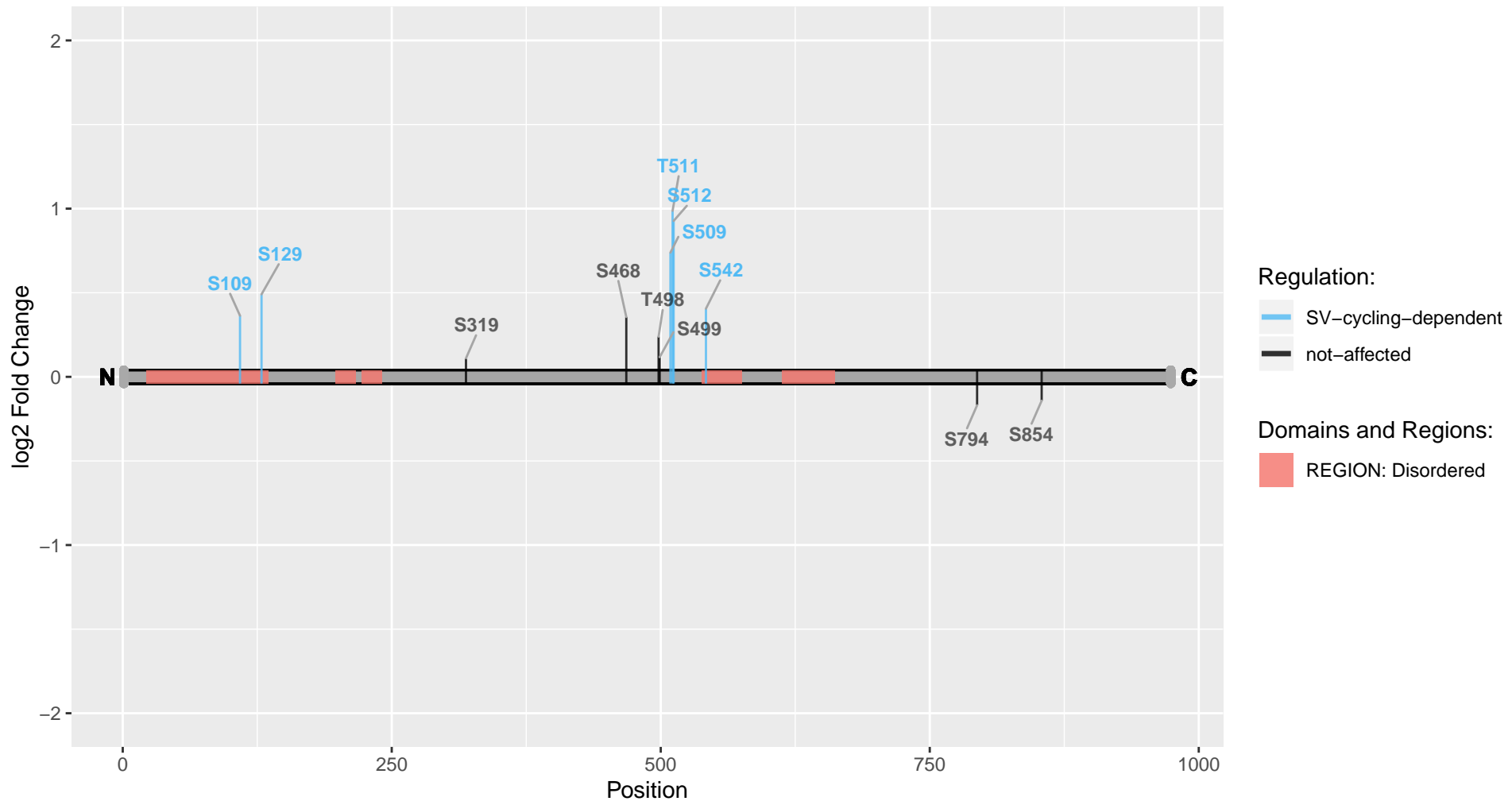
S-adenosylhomocysteine hydrolase-like protein 1



Ajm1

Uniprot Accession: D3ZTF0

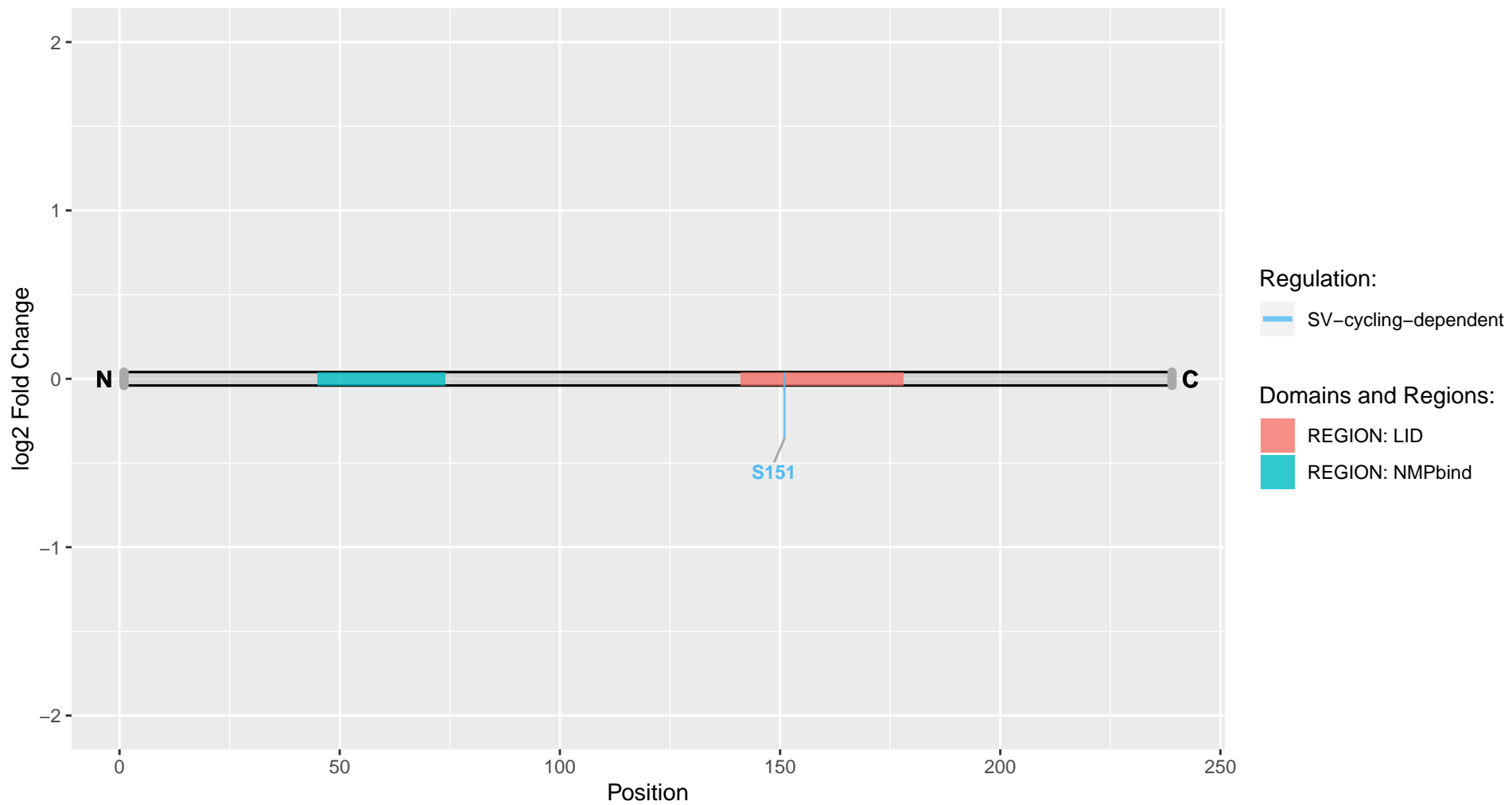
Apical junction component 1 homolog



Ak2

Uniprot Accession: P29410

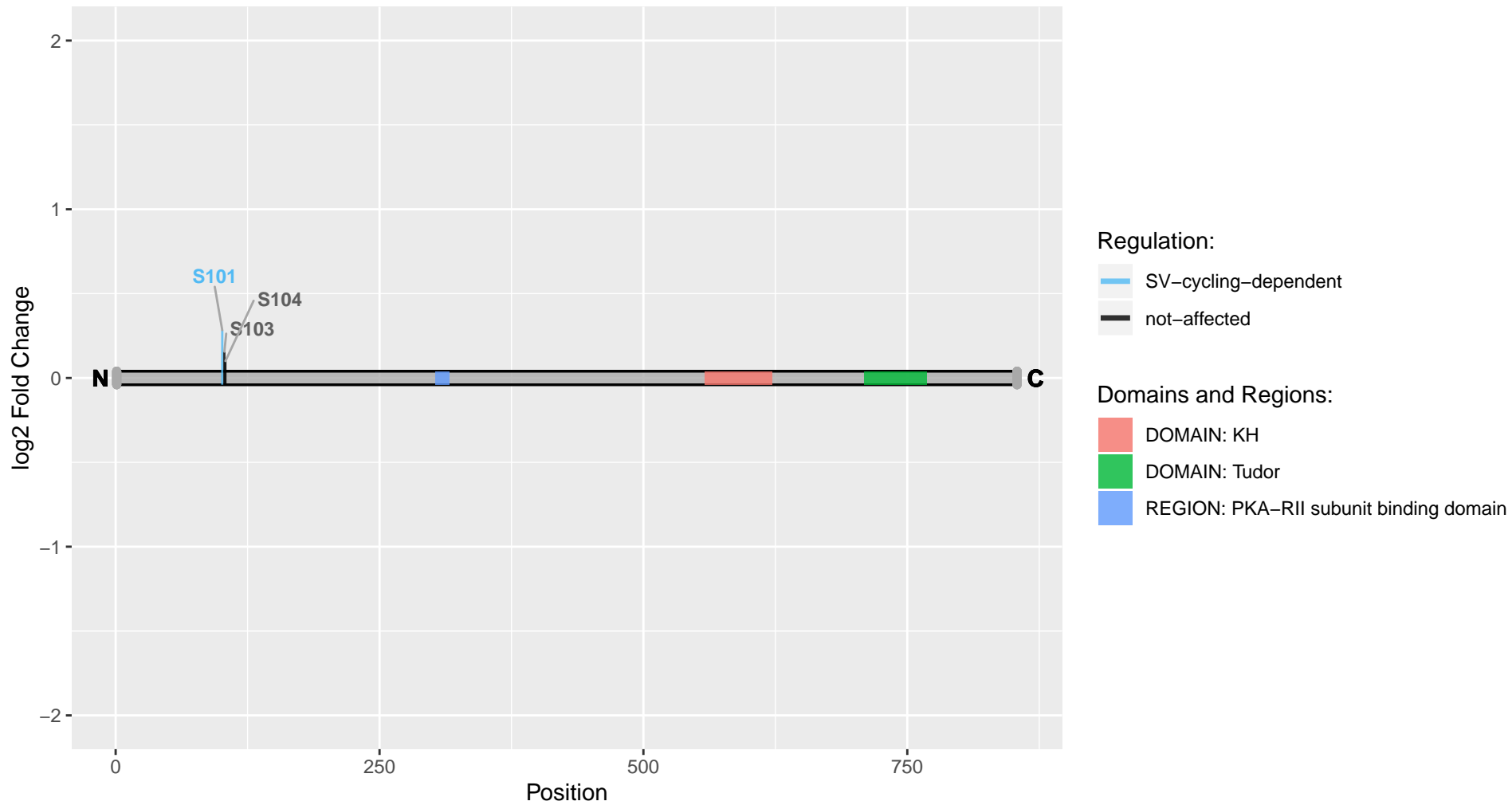
Adenylate kinase 2, mitochondrial



Akap1

Uniprot Accession: O88884

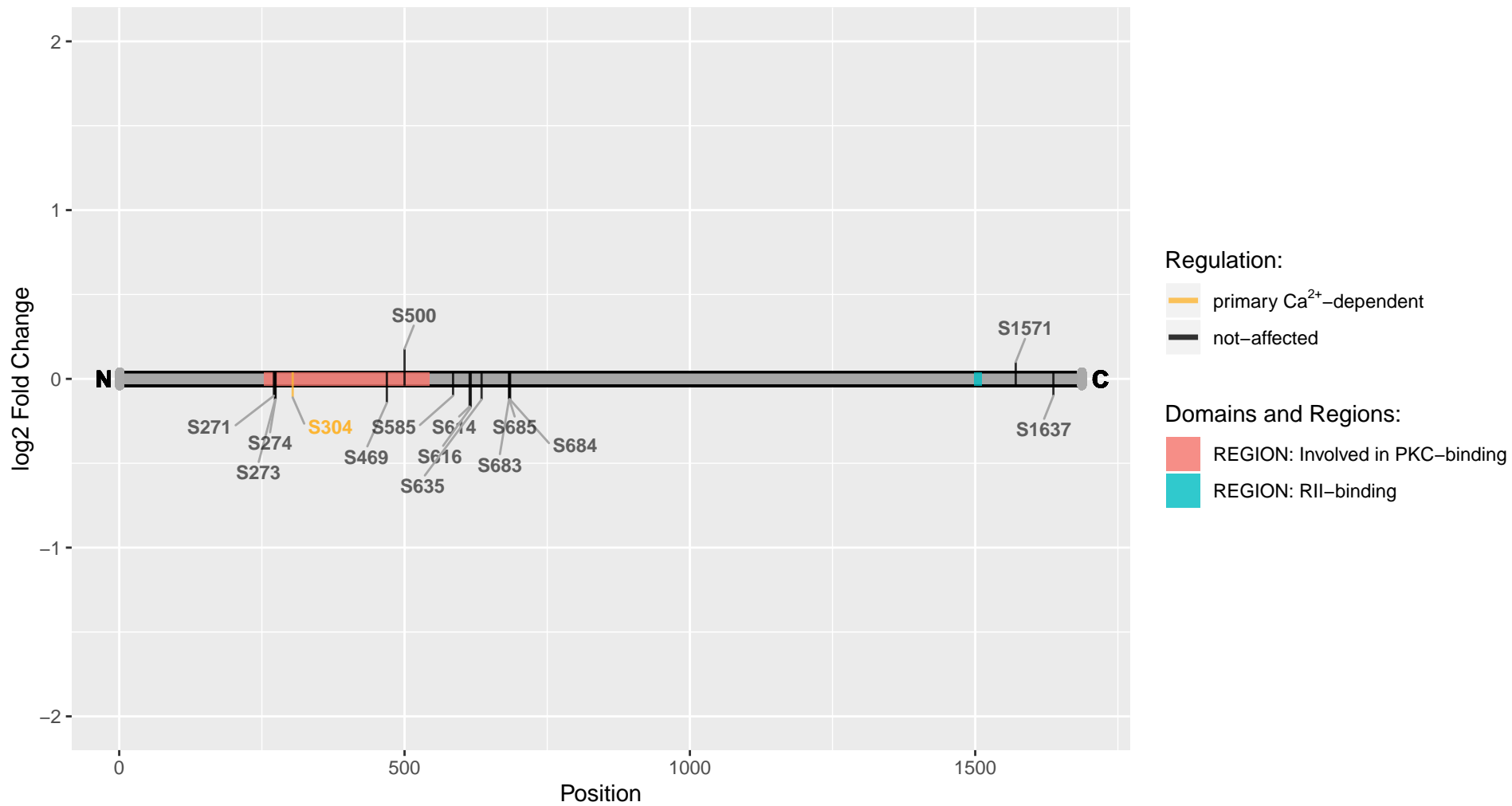
A-kinase anchor protein 1, mitochondrial



Akap12

Uniprot Accession: Q5QD51

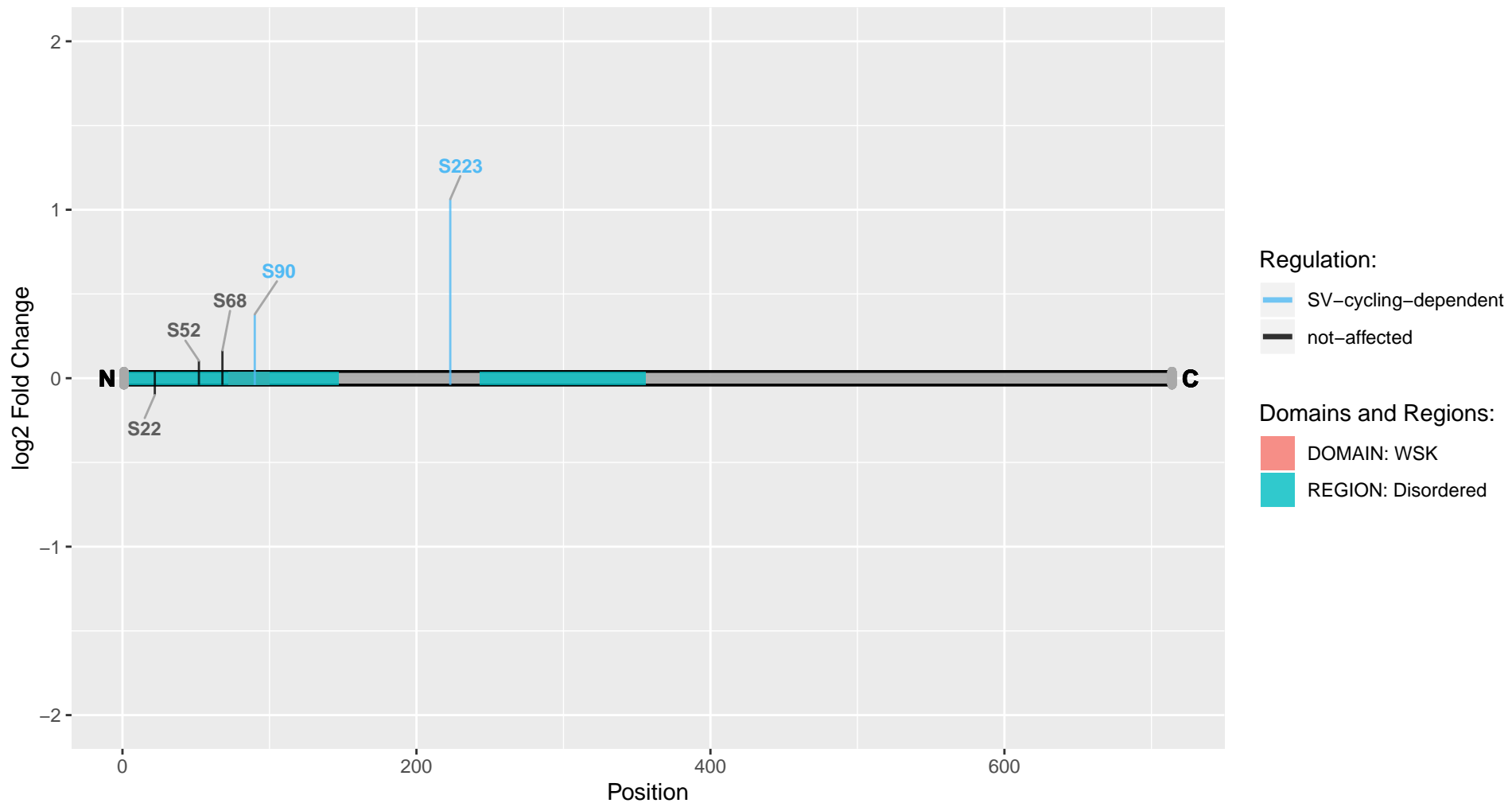
A-kinase anchor protein 12



Akap5

Uniprot Accession: F1LPP6

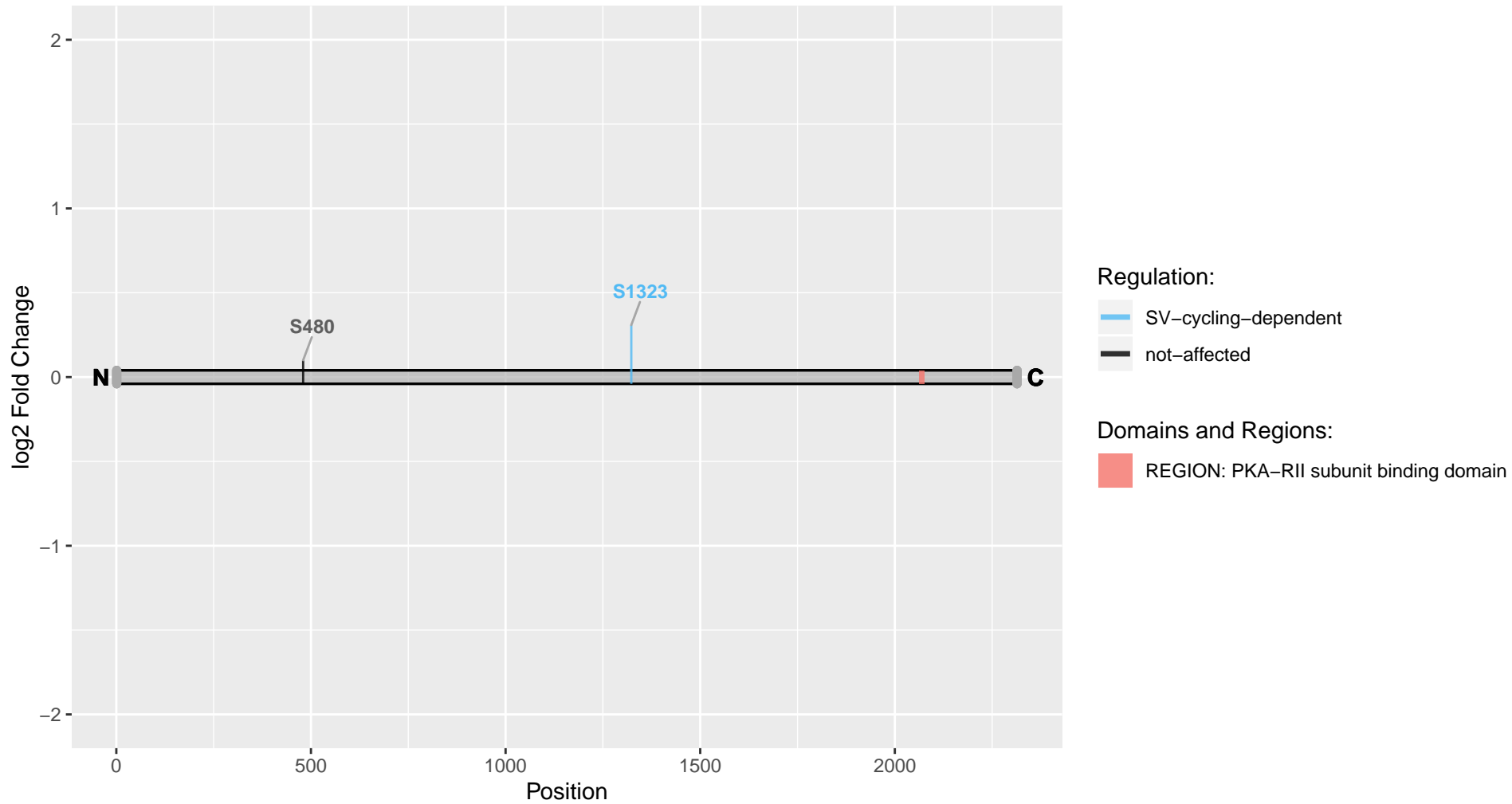
A-kinase anchor protein 5



Akap6

Uniprot Accession: Q9WVC7

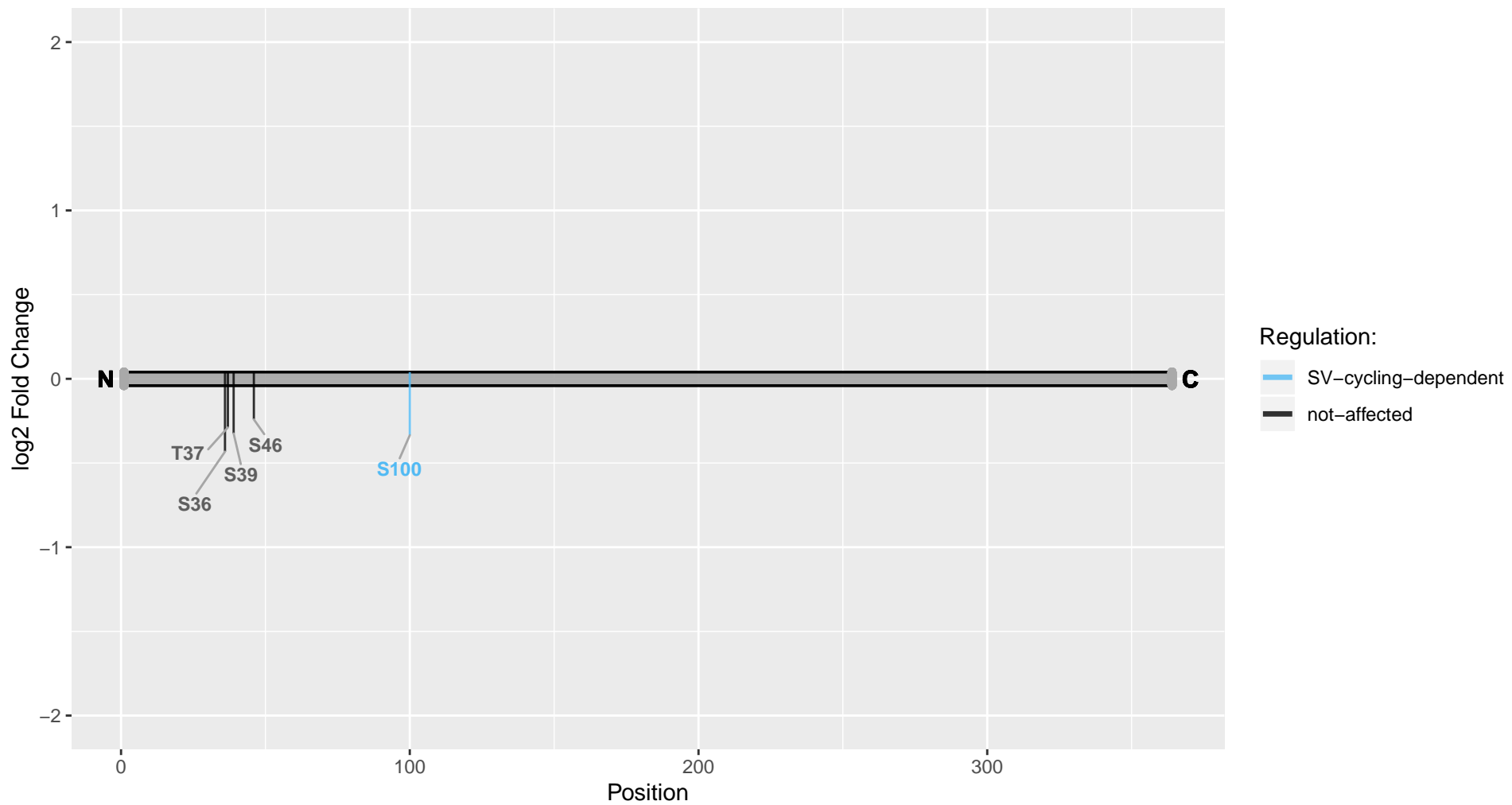
A-kinase anchor protein 6



Aldoa

Uniprot Accession: P05065

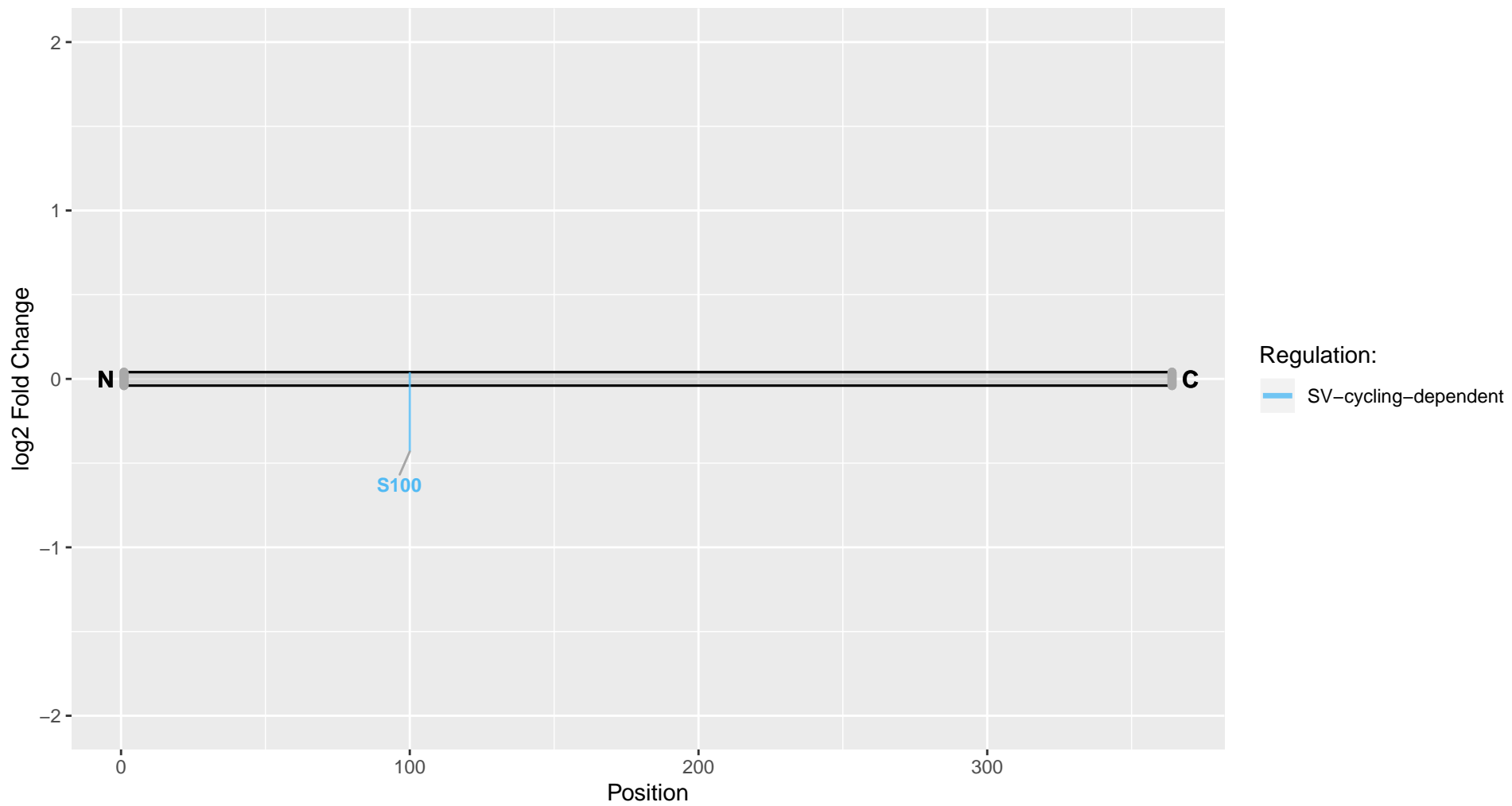
Fructose-bisphosphate aldolase A



Aldoart2

Uniprot Accession: Q6AY07

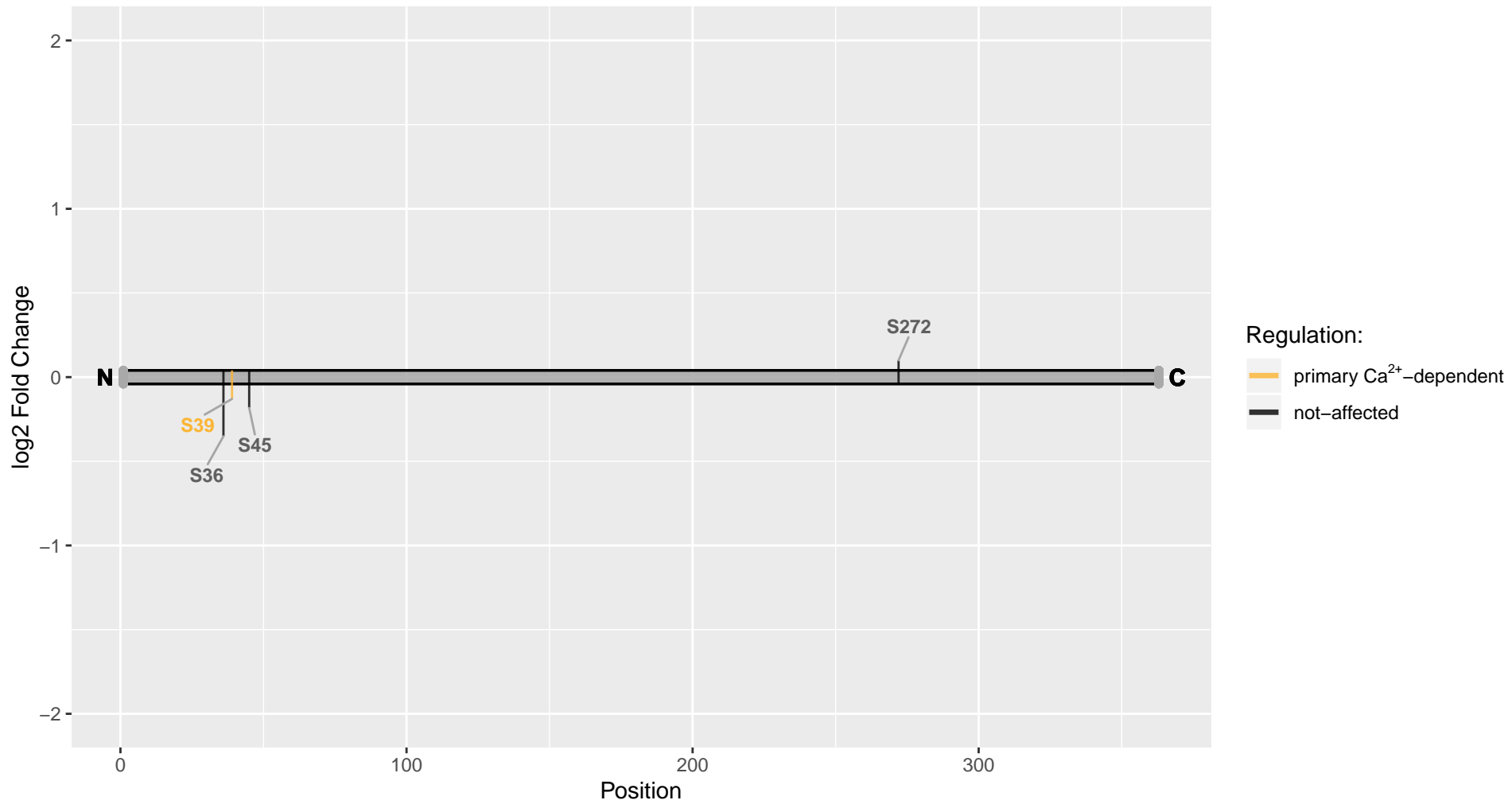
Fructose-bisphosphate aldolase



Aldoc

Uniprot Accession: P09117

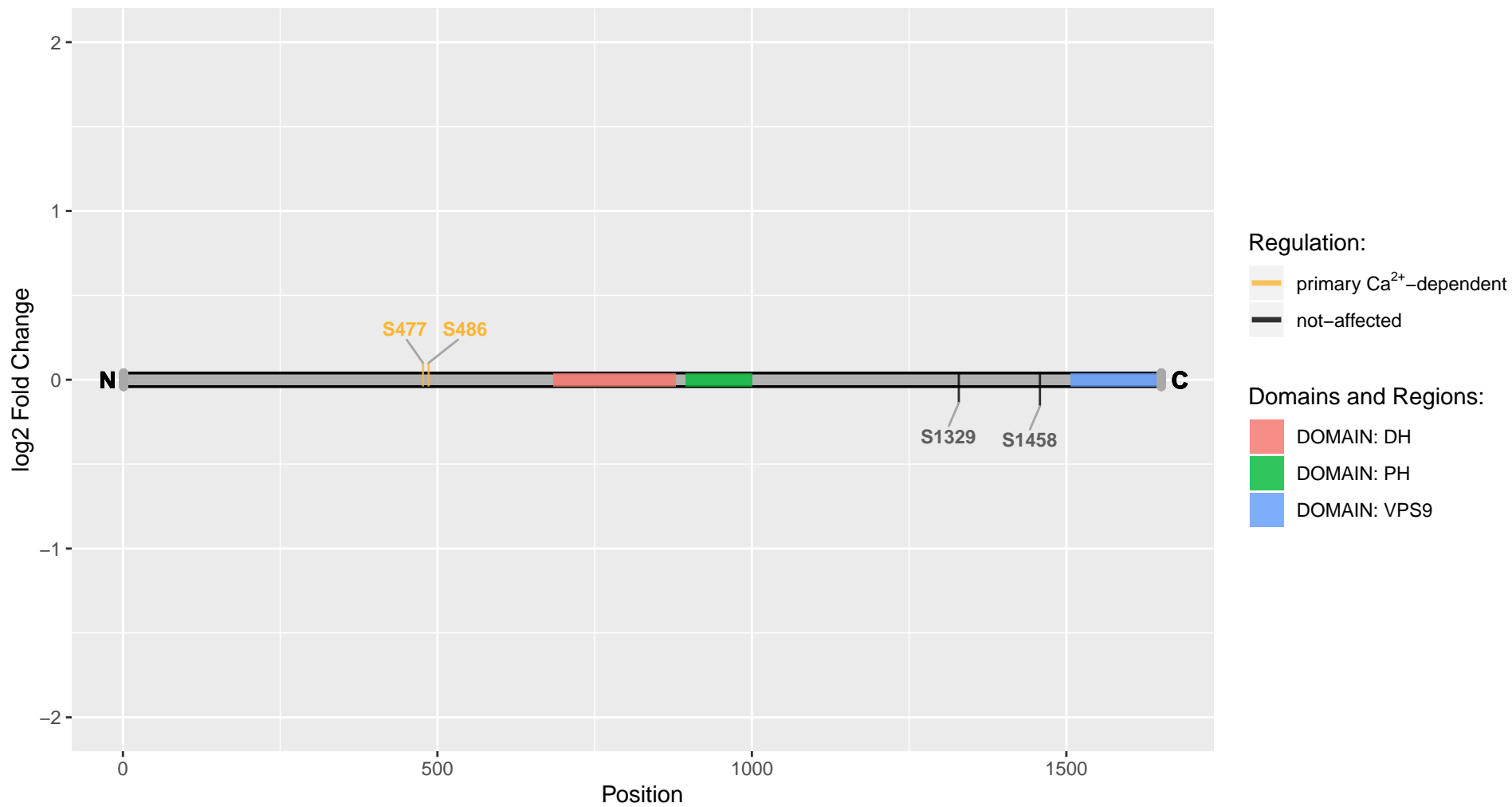
Fructose-bisphosphate aldolase C



Als2

Uniprot Accession: P0C5Y8

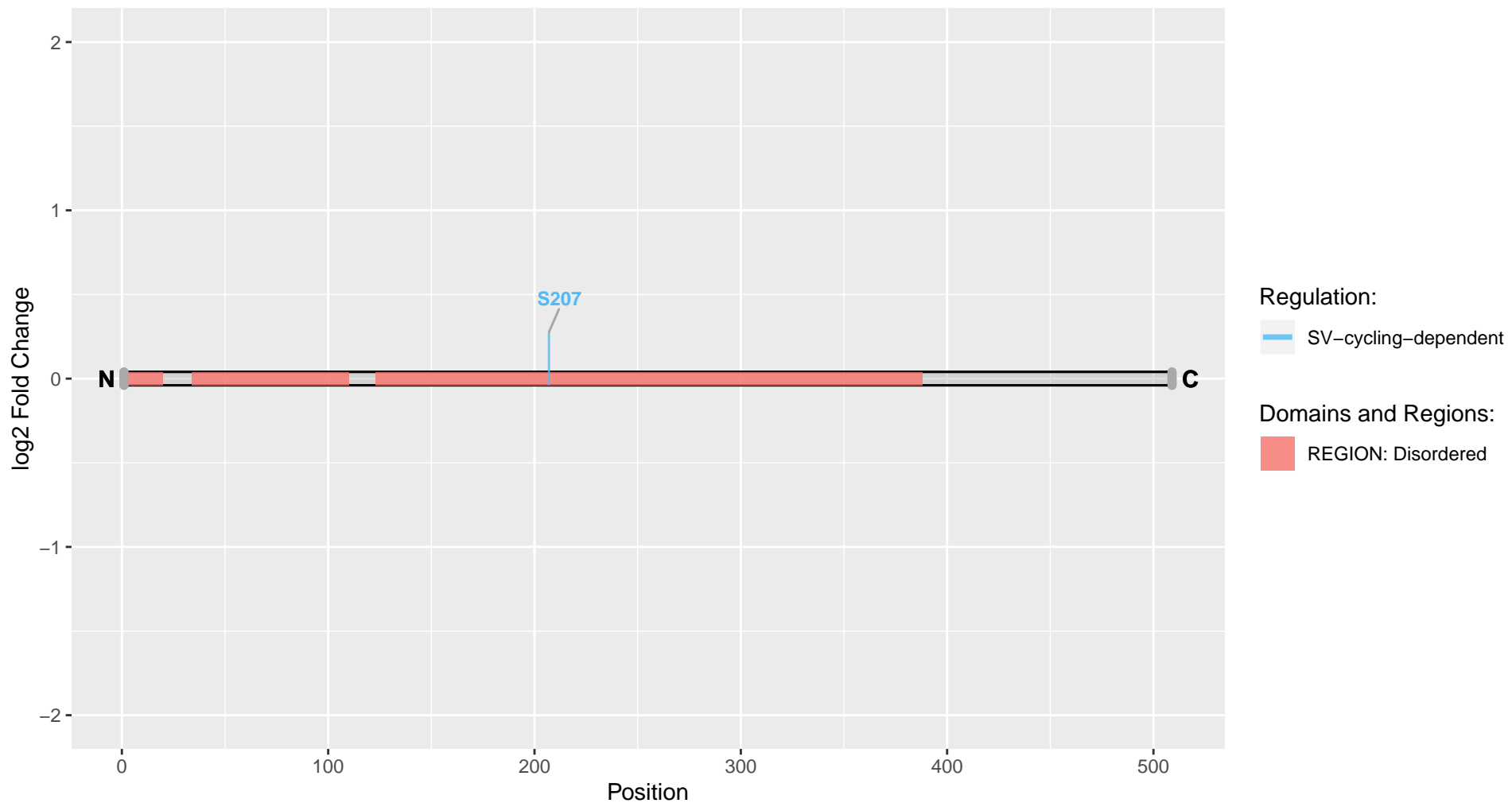
Alsin



Amer2

Uniprot Accession: A0A0G2JWK6

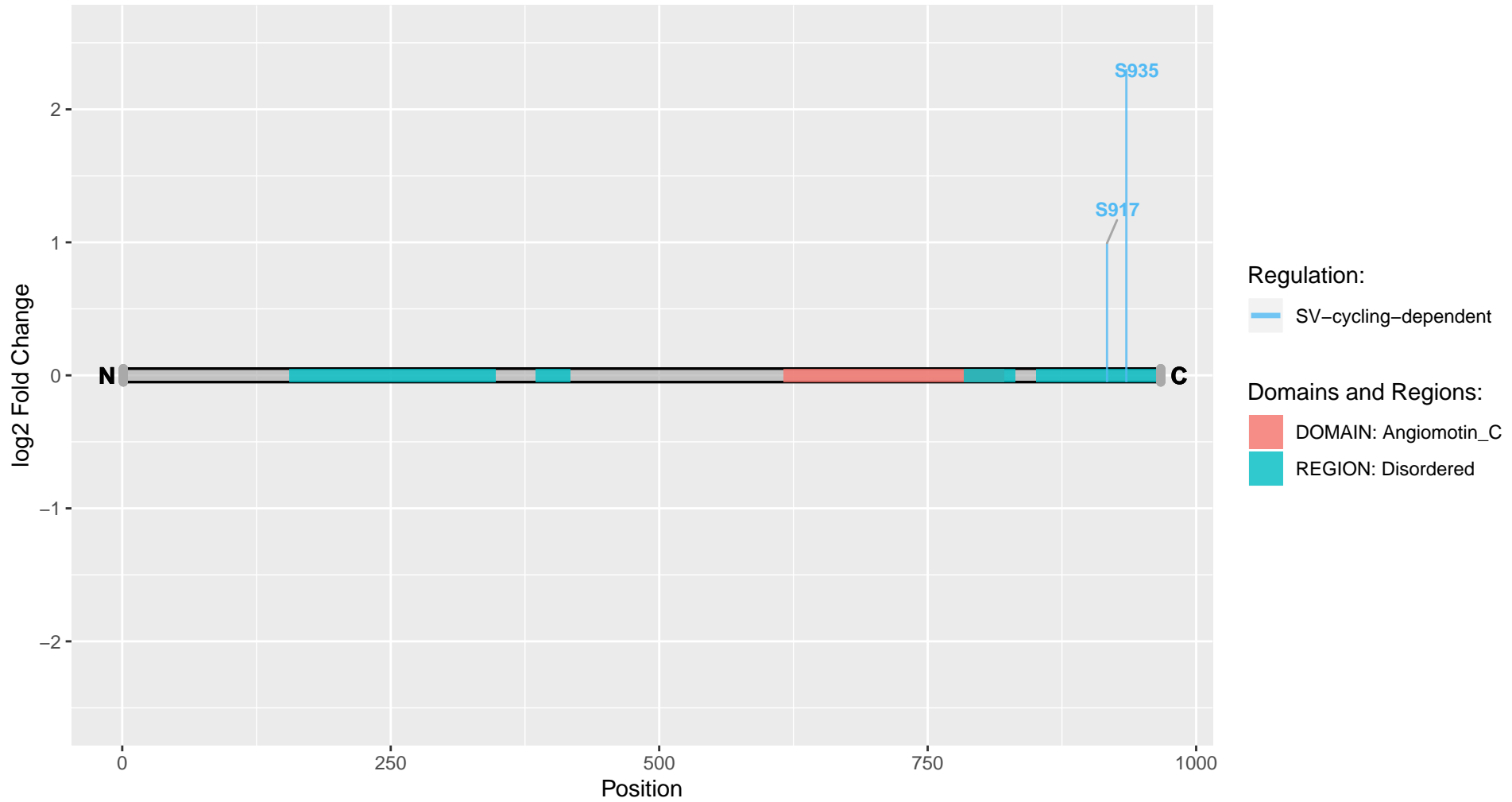
APC membrane recruitment protein 2



Amotl1

Uniprot Accession: F1LZQ6

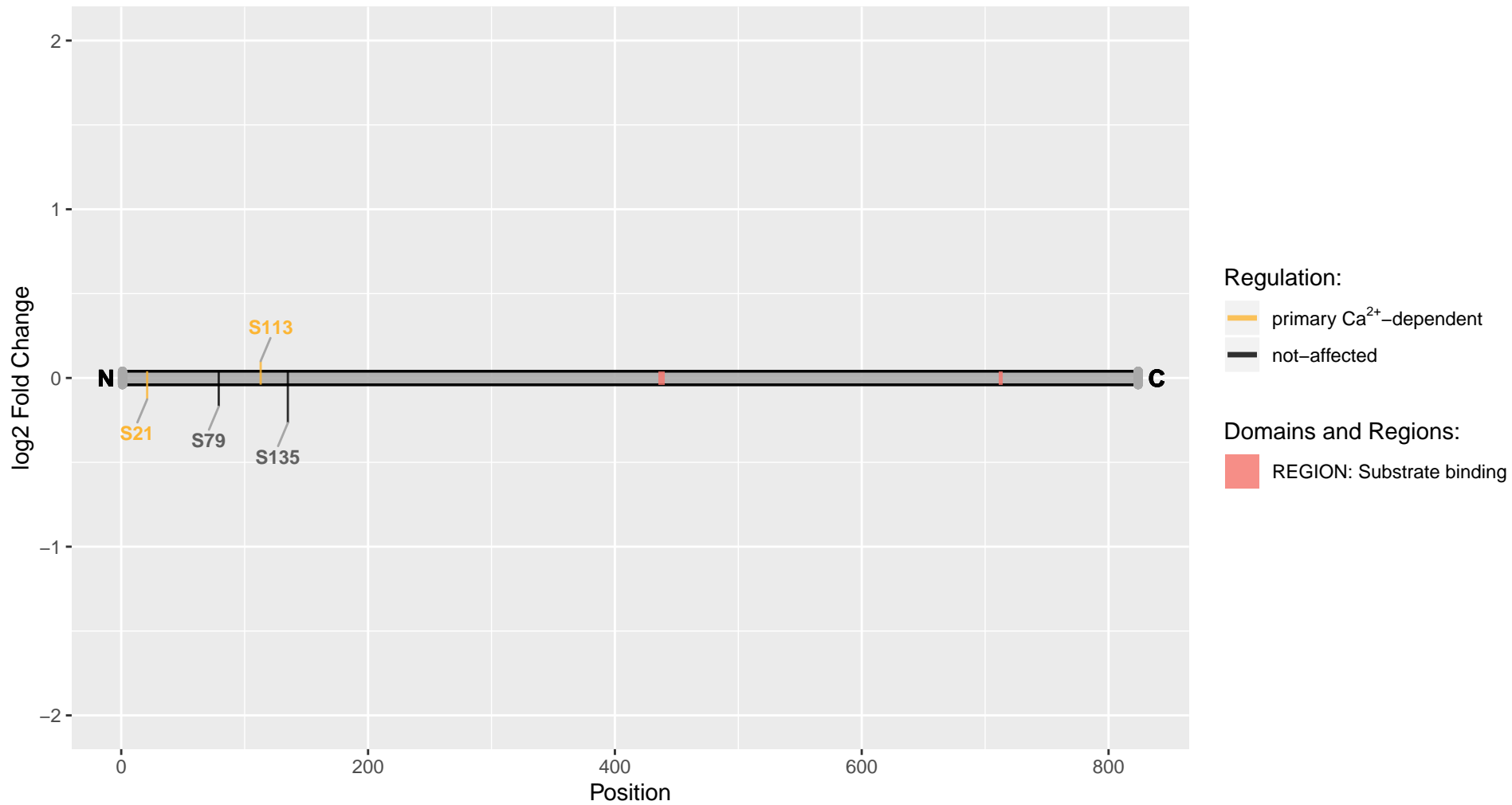
Angiomotin-like 1



Ampd2

Uniprot Accession: Q02356

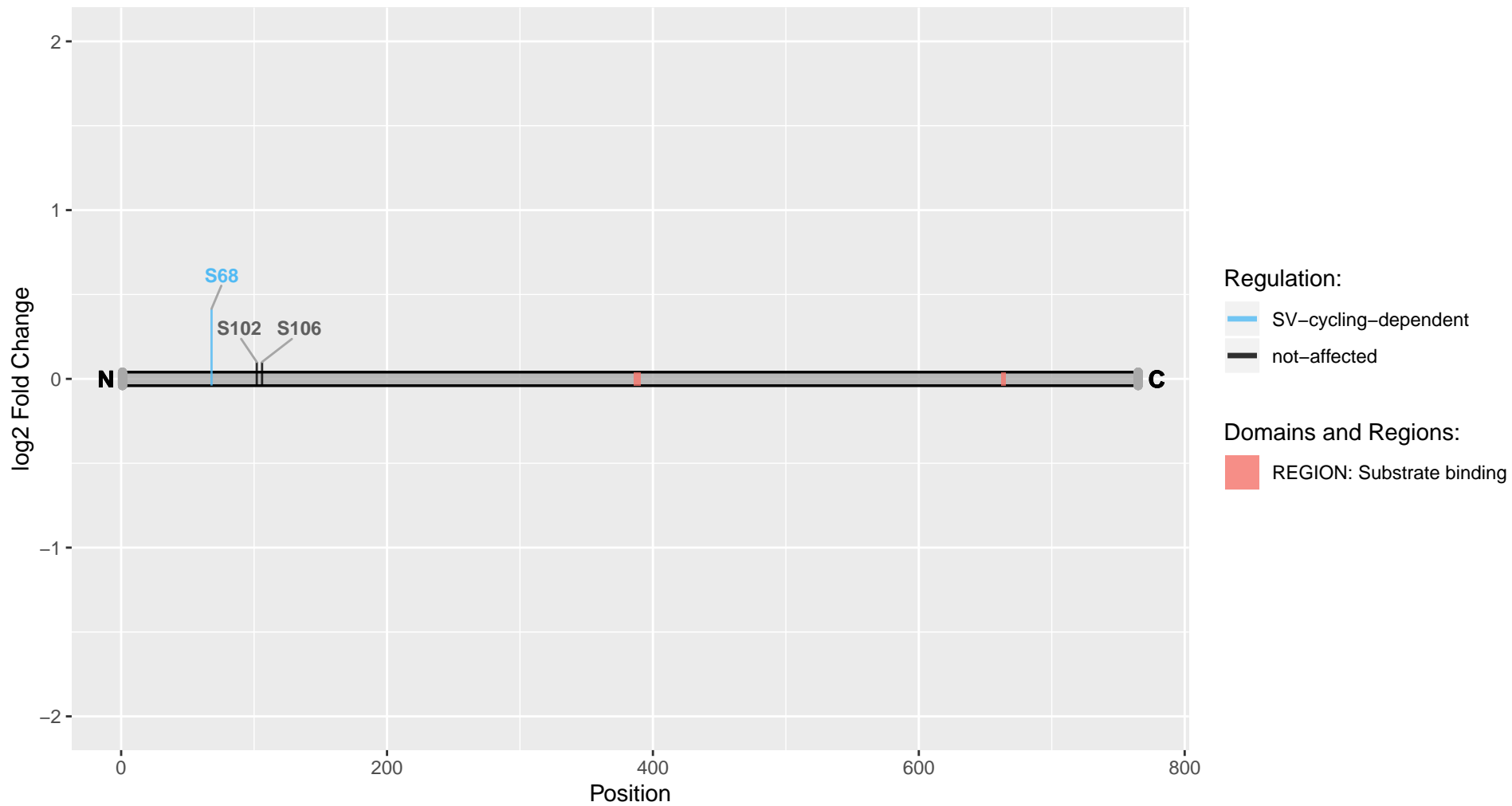
AMP deaminase 2



Ampd3

Uniprot Accession: O09178

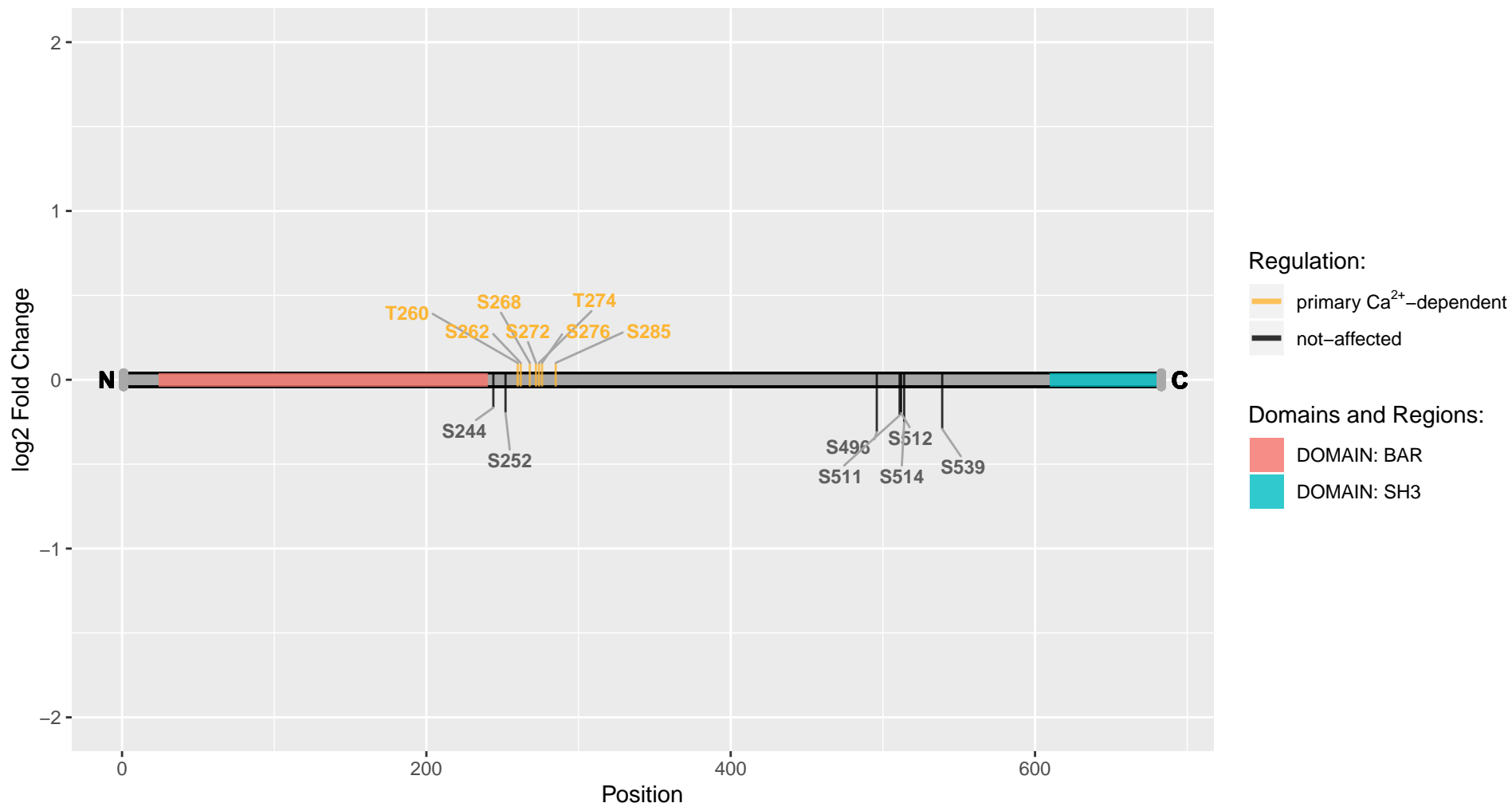
AMP deaminase 3



Amph

Uniprot Accession: O08838

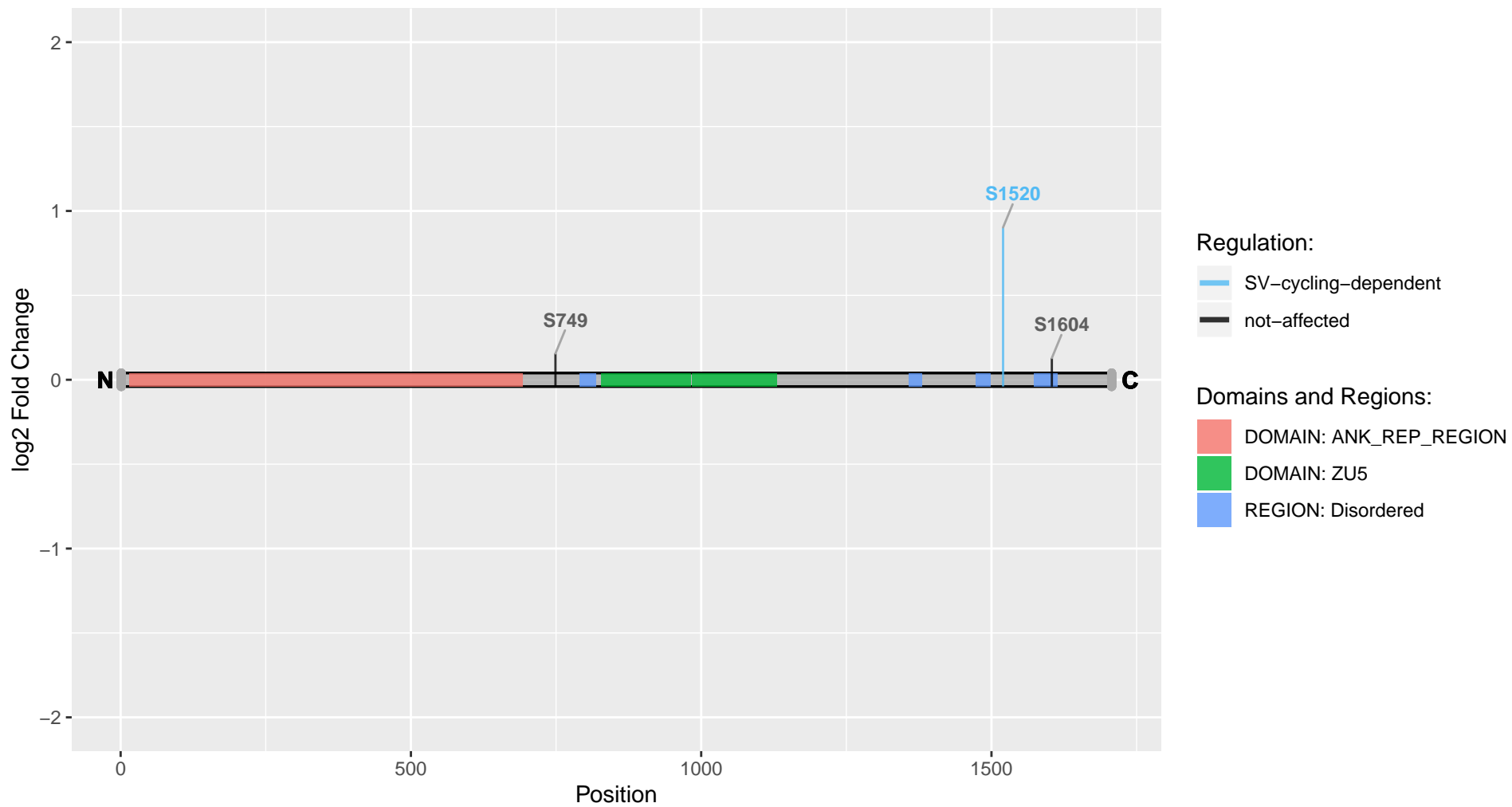
Amphiphysin



Ank1

Uniprot Accession: D3Z9Z0

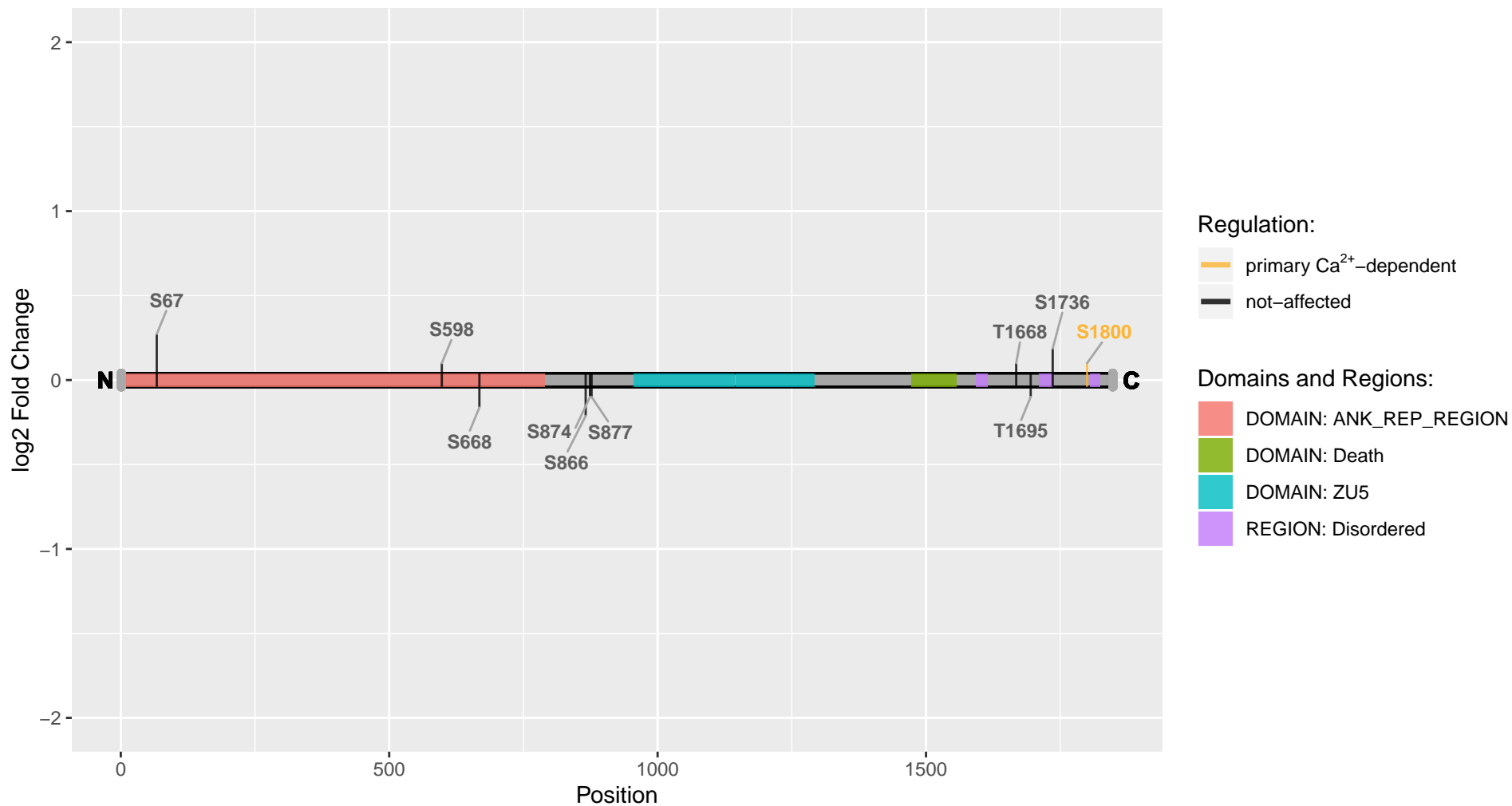
Ankyrin 1



Ank2

Uniprot Accession: A0A0G2JZ56

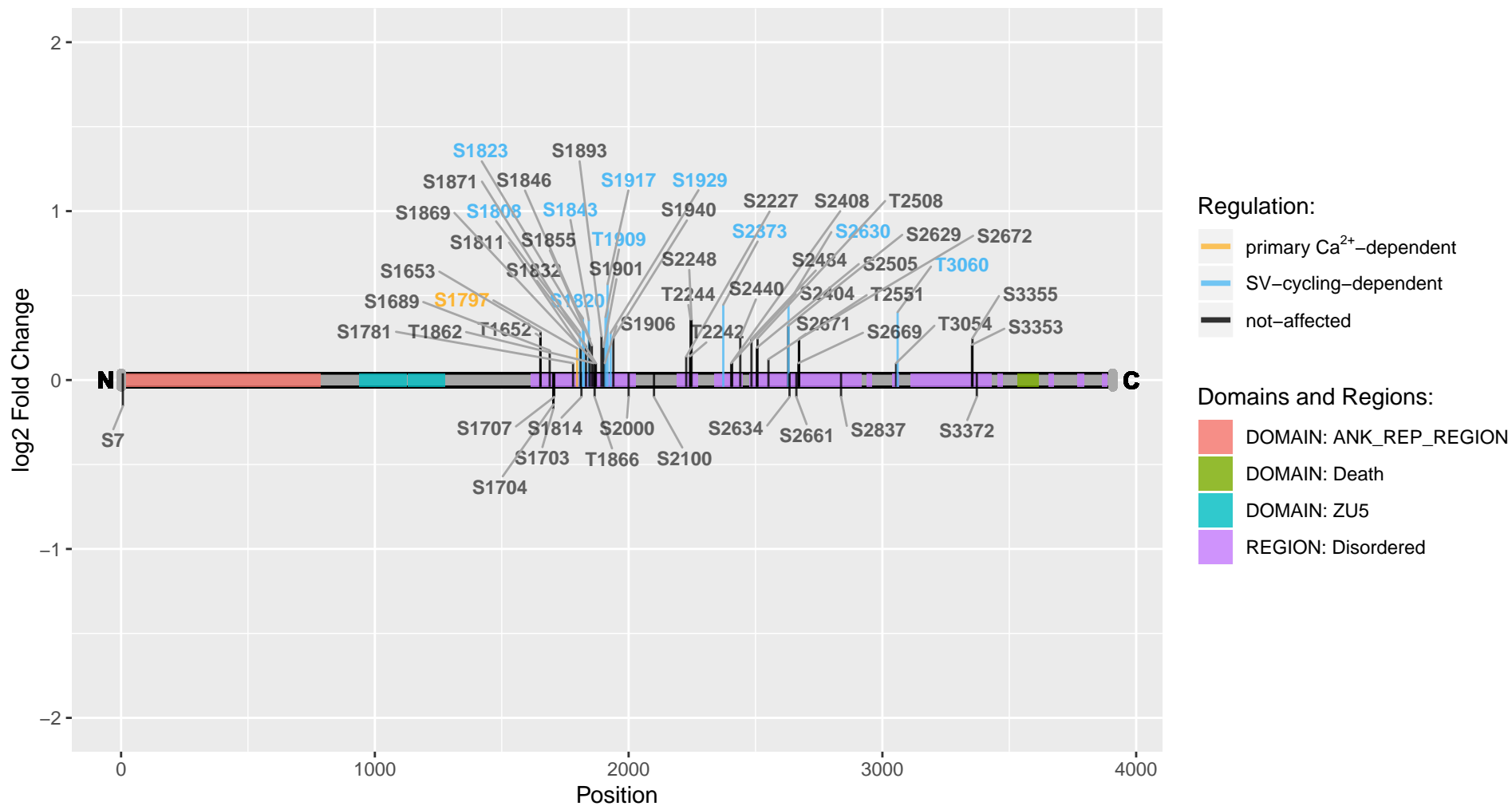
Ankyrin 2



Ank2

Uniprot Accession: F1M9N9

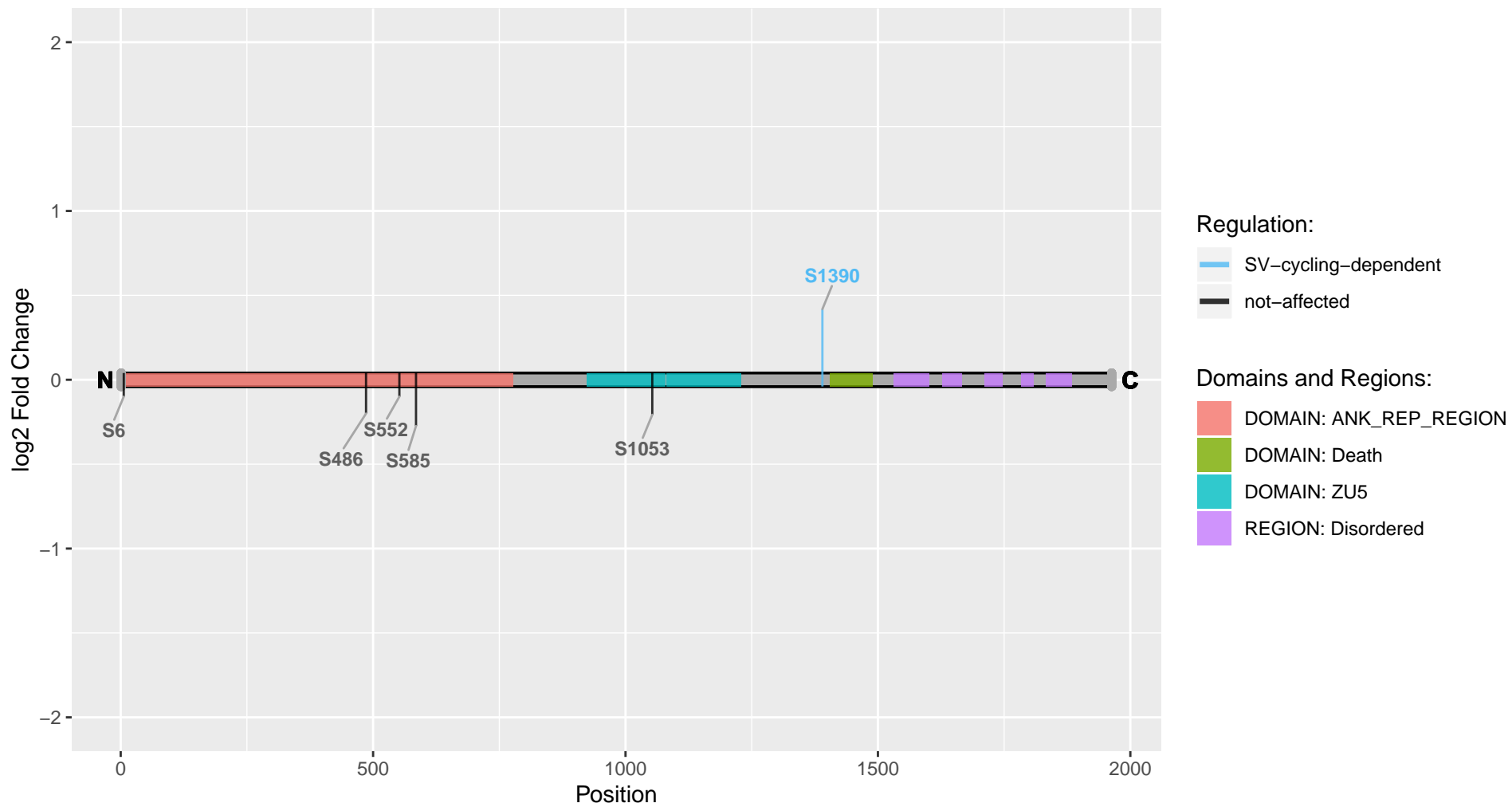
Ankyrin 2



Ank3

Uniprot Accession: A0A0G2K1Q7

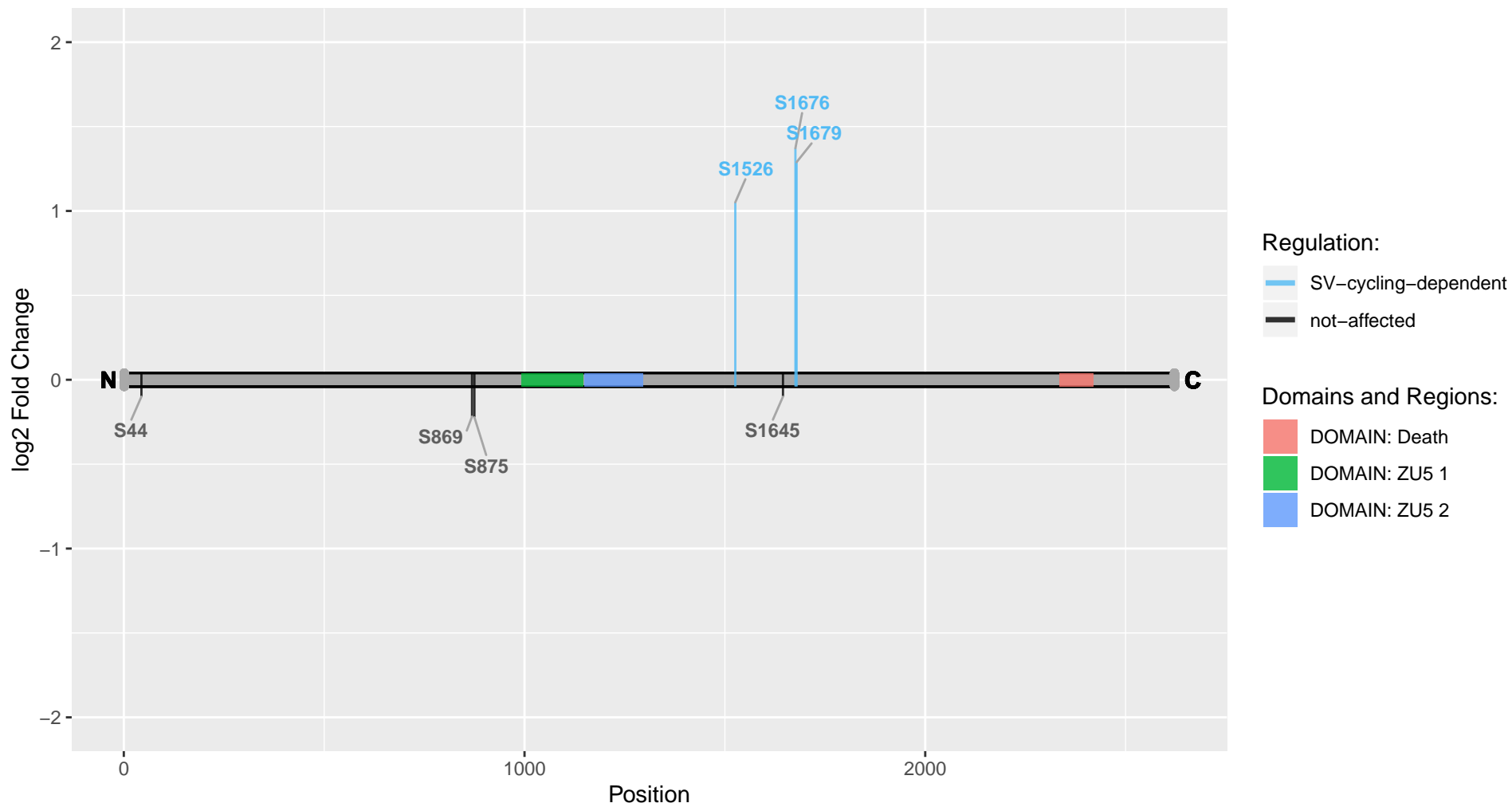
Ankyrin-3



Ank3

Uniprot Accession: O70511

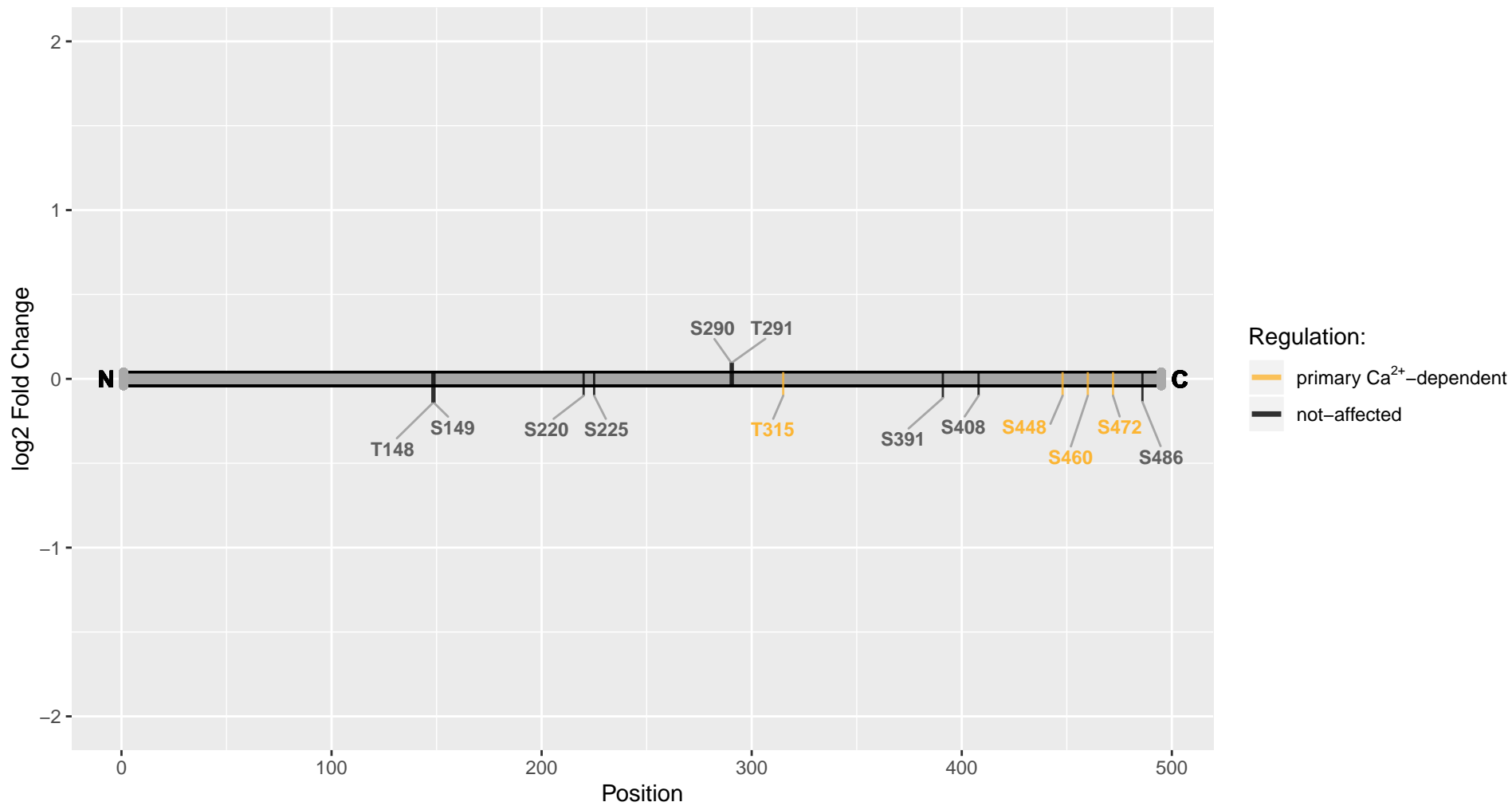
Ankyrin-3



Ankrd34a

Uniprot Accession: Q5BJT1

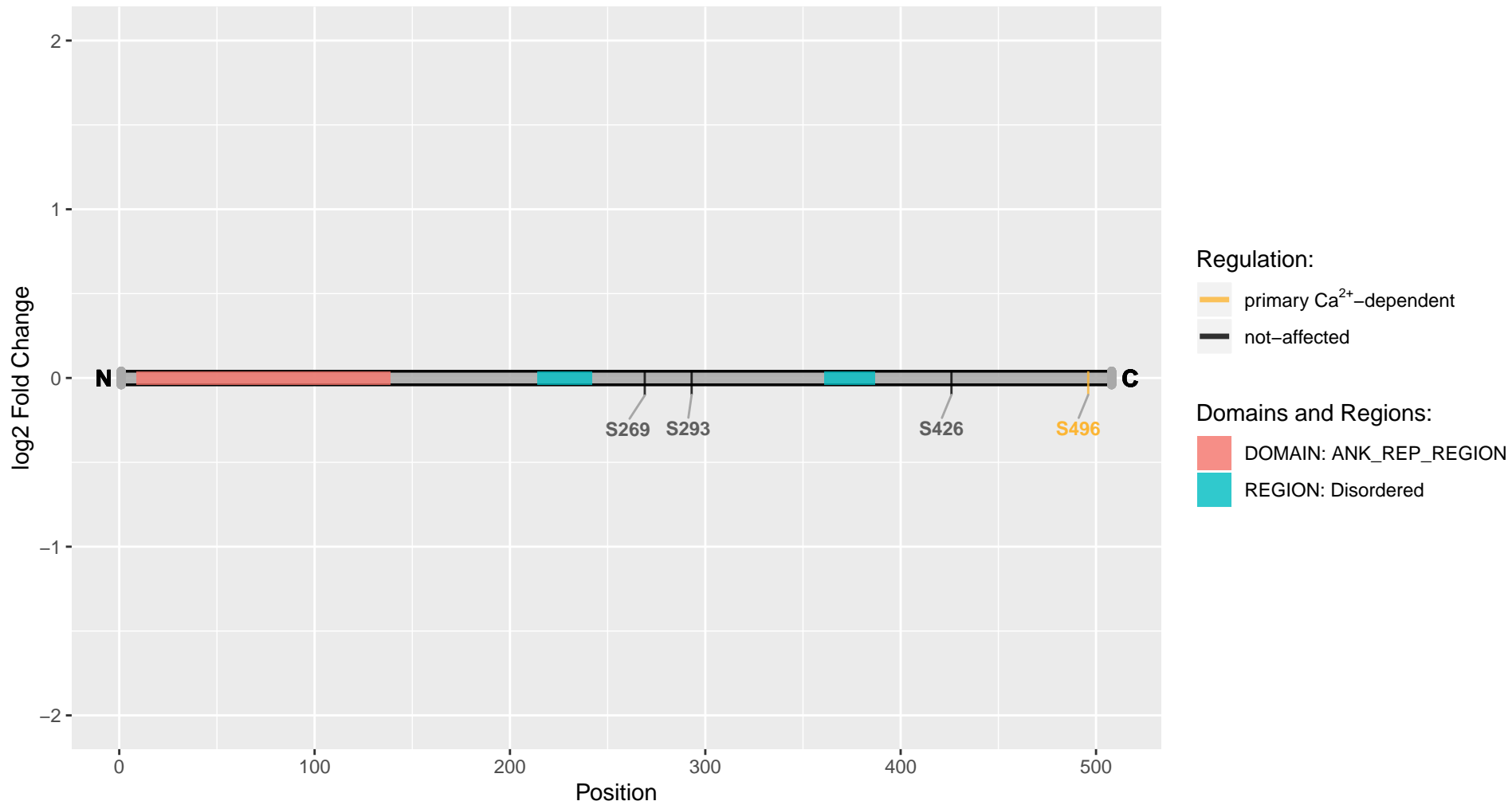
Ankyrin repeat domain-containing protein 34A



Ankrd34b

Uniprot Accession: D3ZKP1

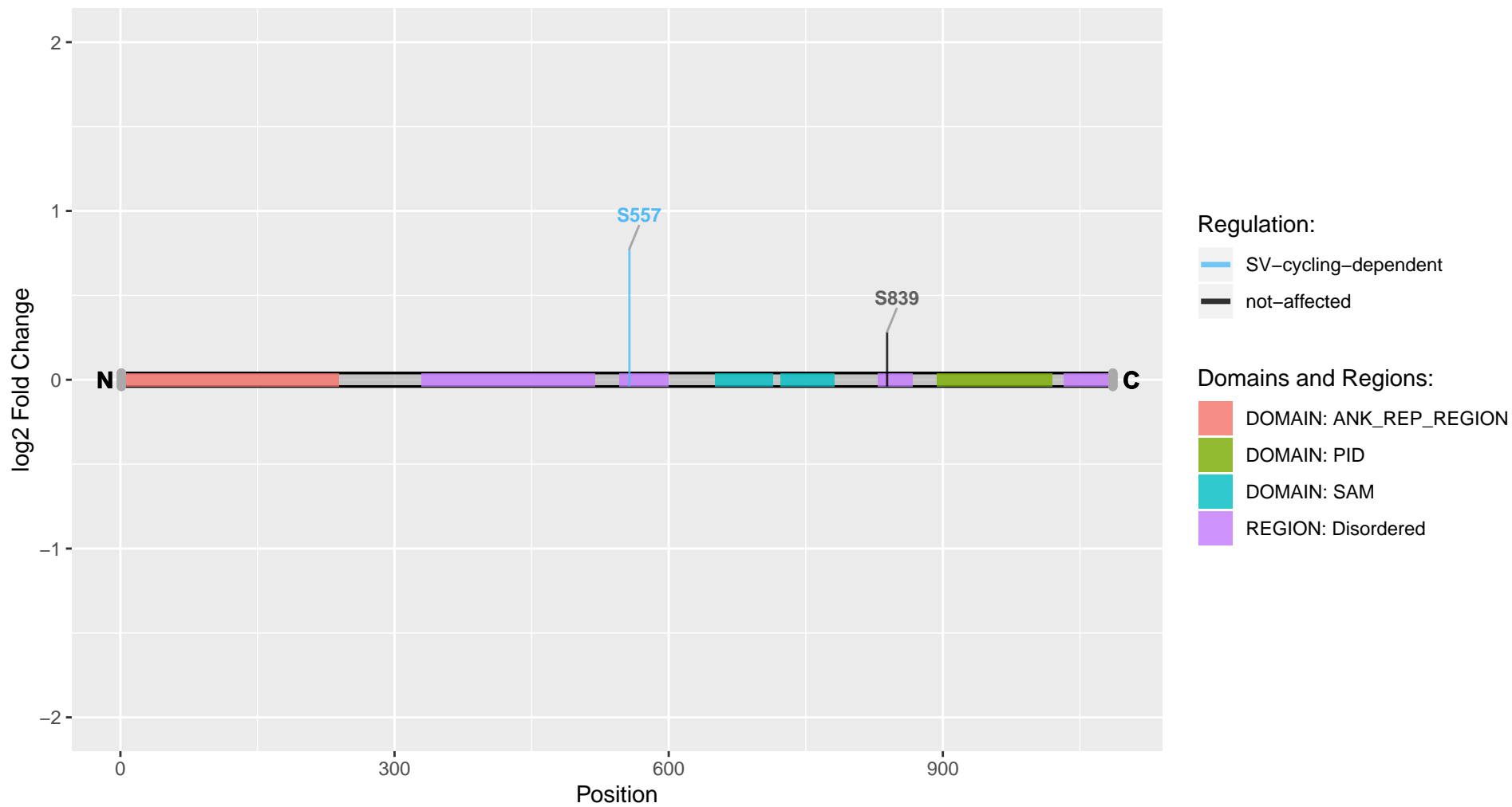
Ankyrin repeat domain 34B



Anks1a

Uniprot Accession: A0A0G2K2G7

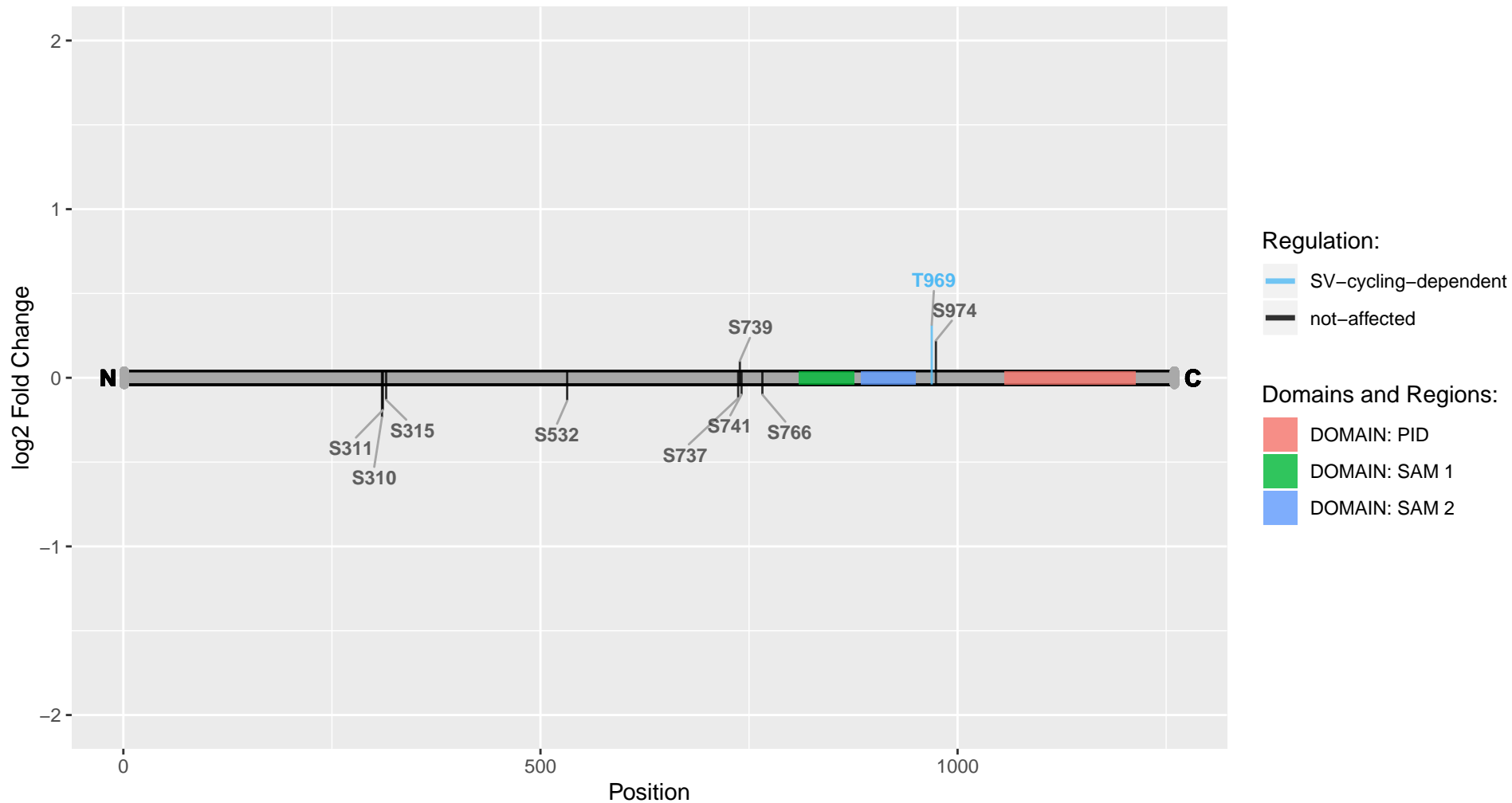
Ankyrin repeat and sterile alpha motif domain-containing 1A



Anks1b

Uniprot Accession: P0C6S7

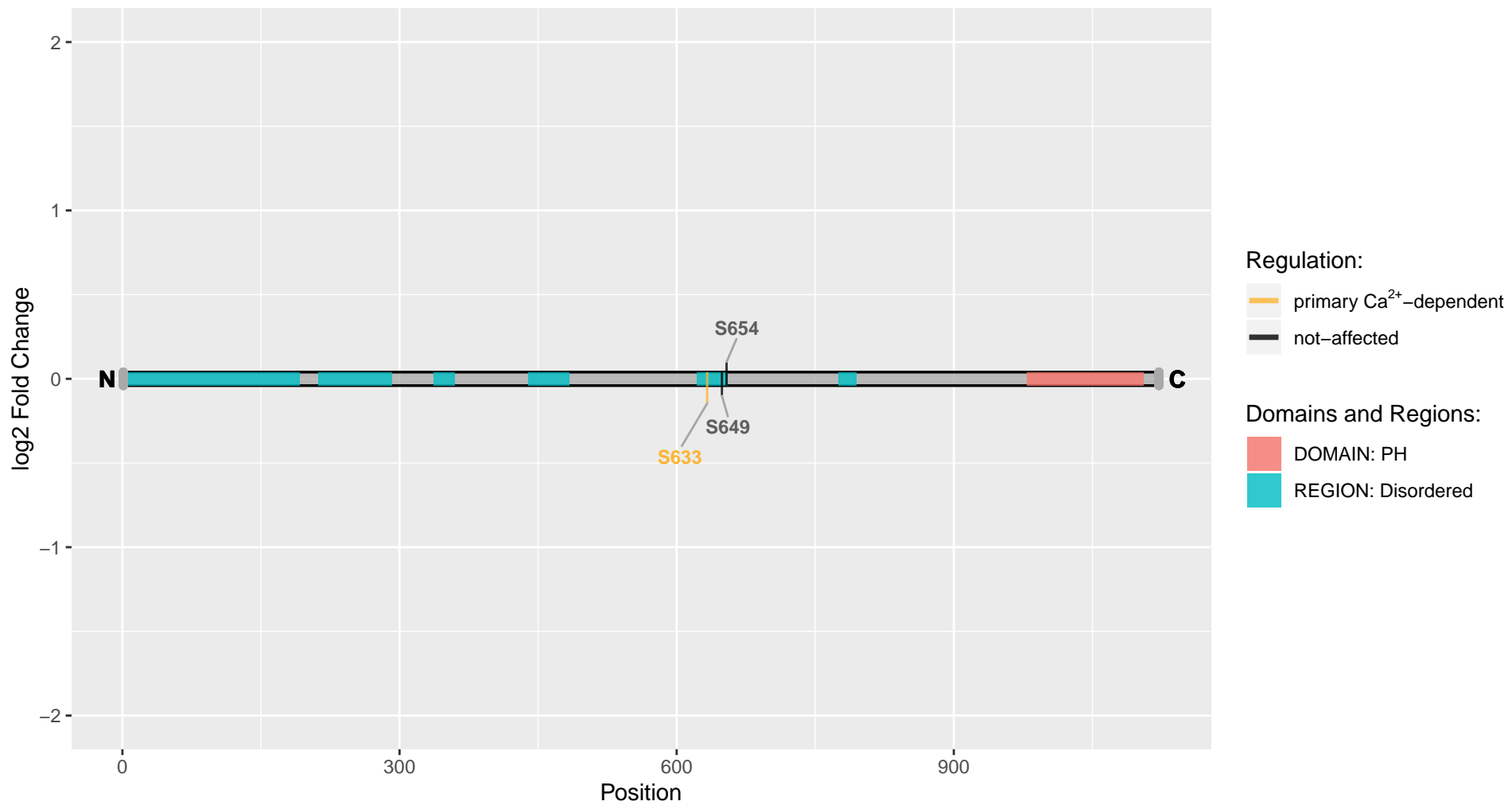
Ankyrin repeat and sterile alpha motif domain-containing protein 1B



Anln

Uniprot Accession: D4A0V6

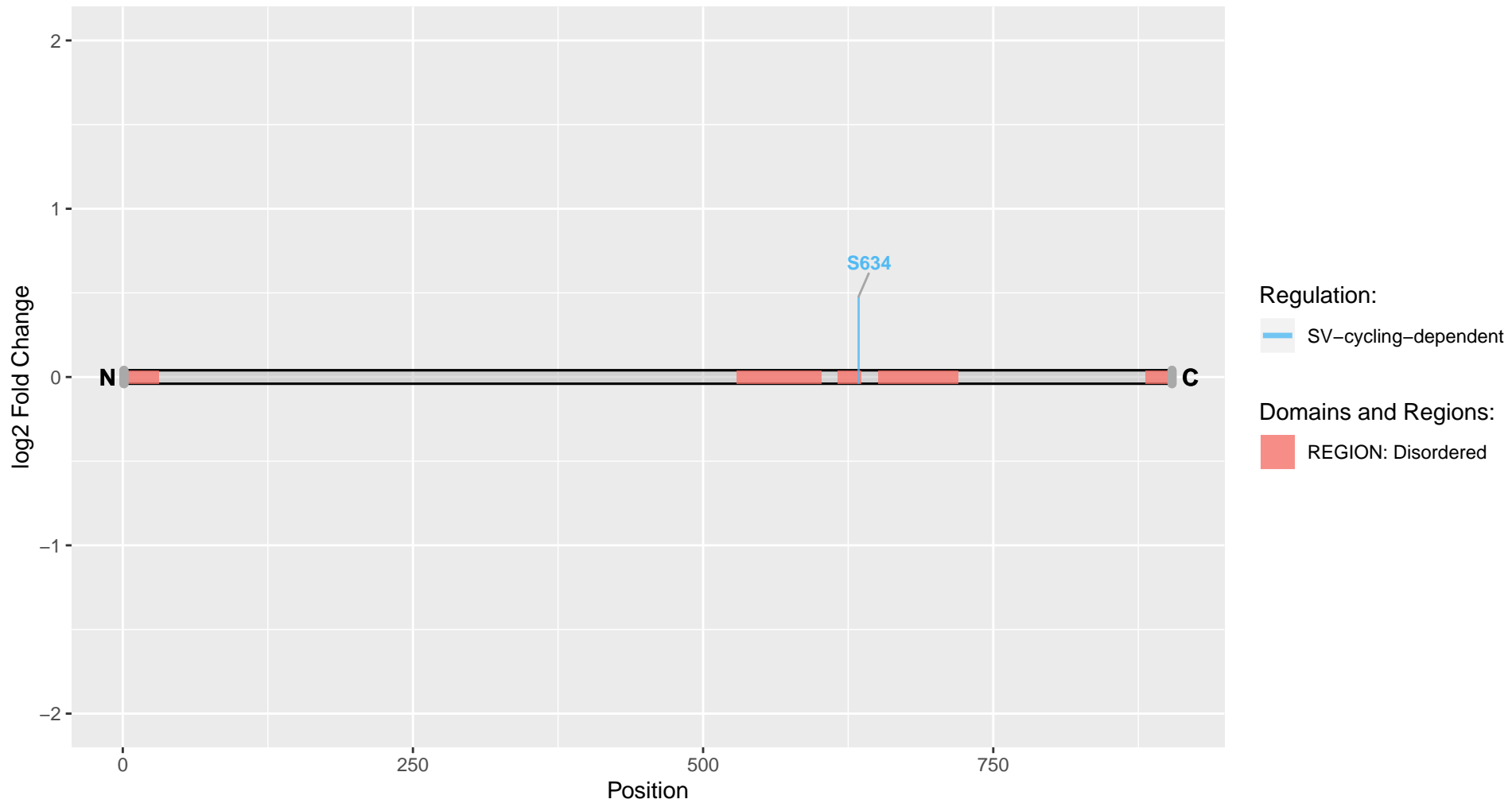
Anillin, actin-binding protein



Ano8

Uniprot Accession: A0A0G2K5K1

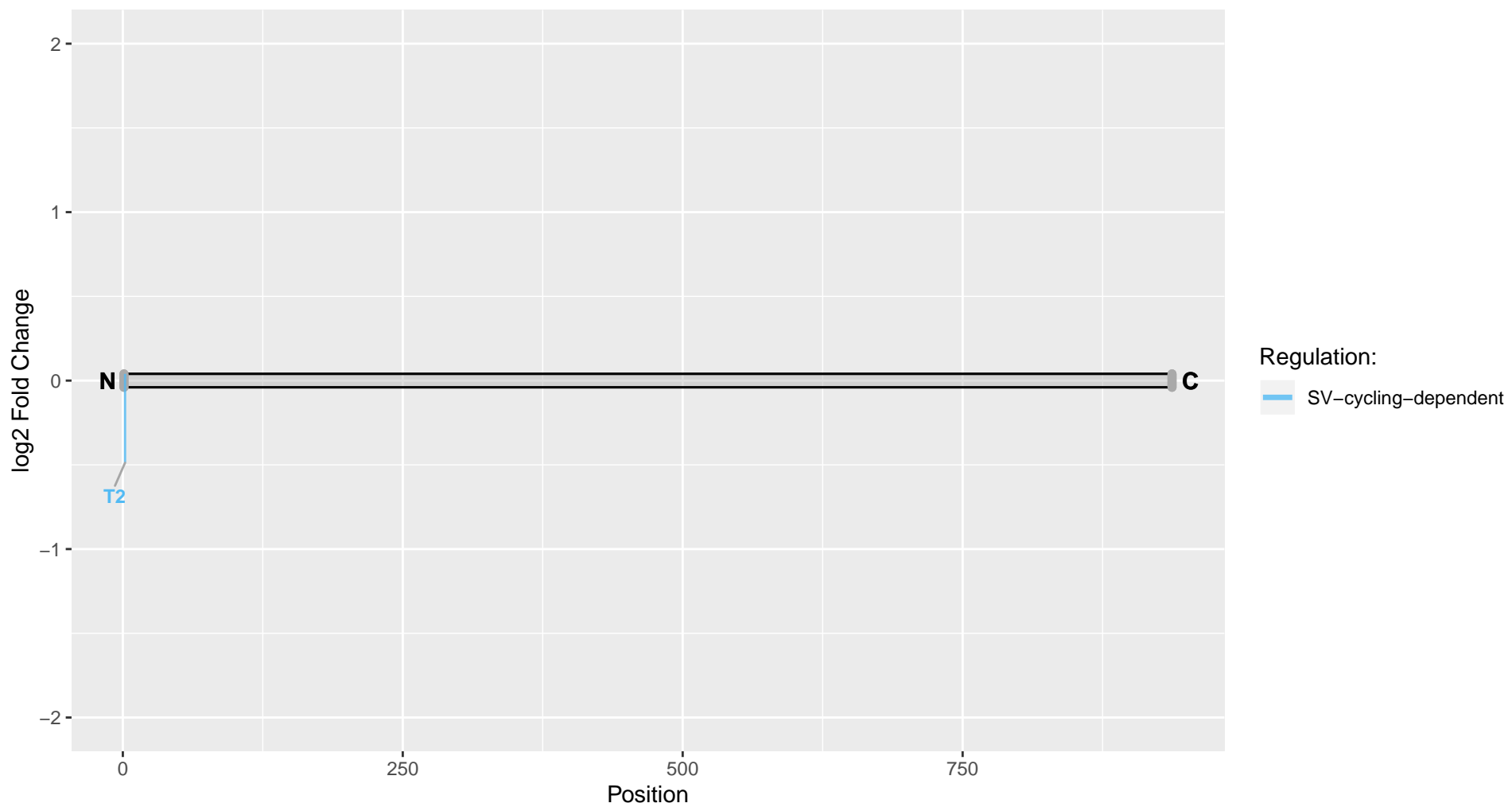
Anoctamin



Ap2b1

Uniprot Accession: P62944

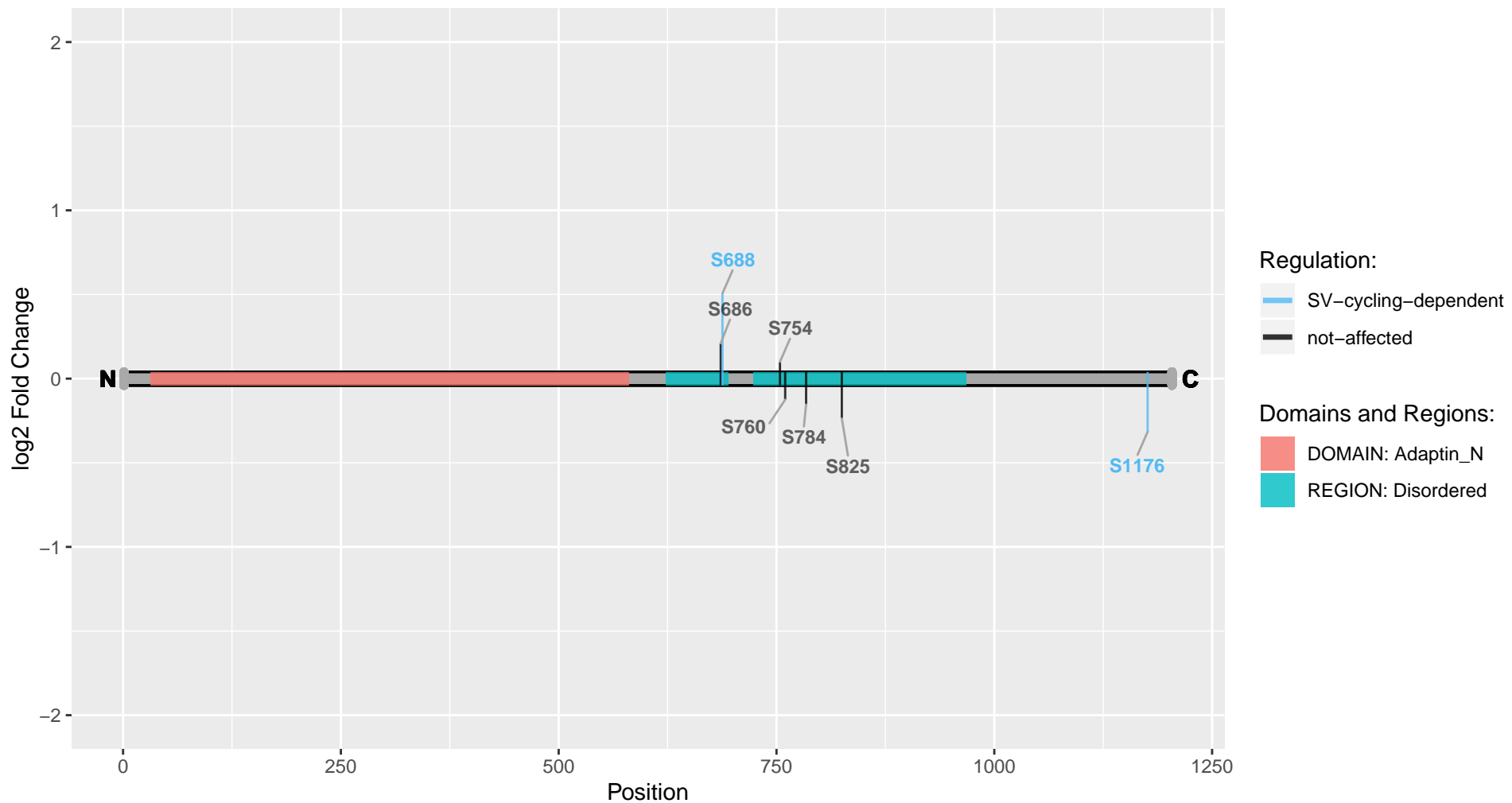
AP-2 complex subunit beta



Ap3d1

Uniprot Accession: B5DFK6

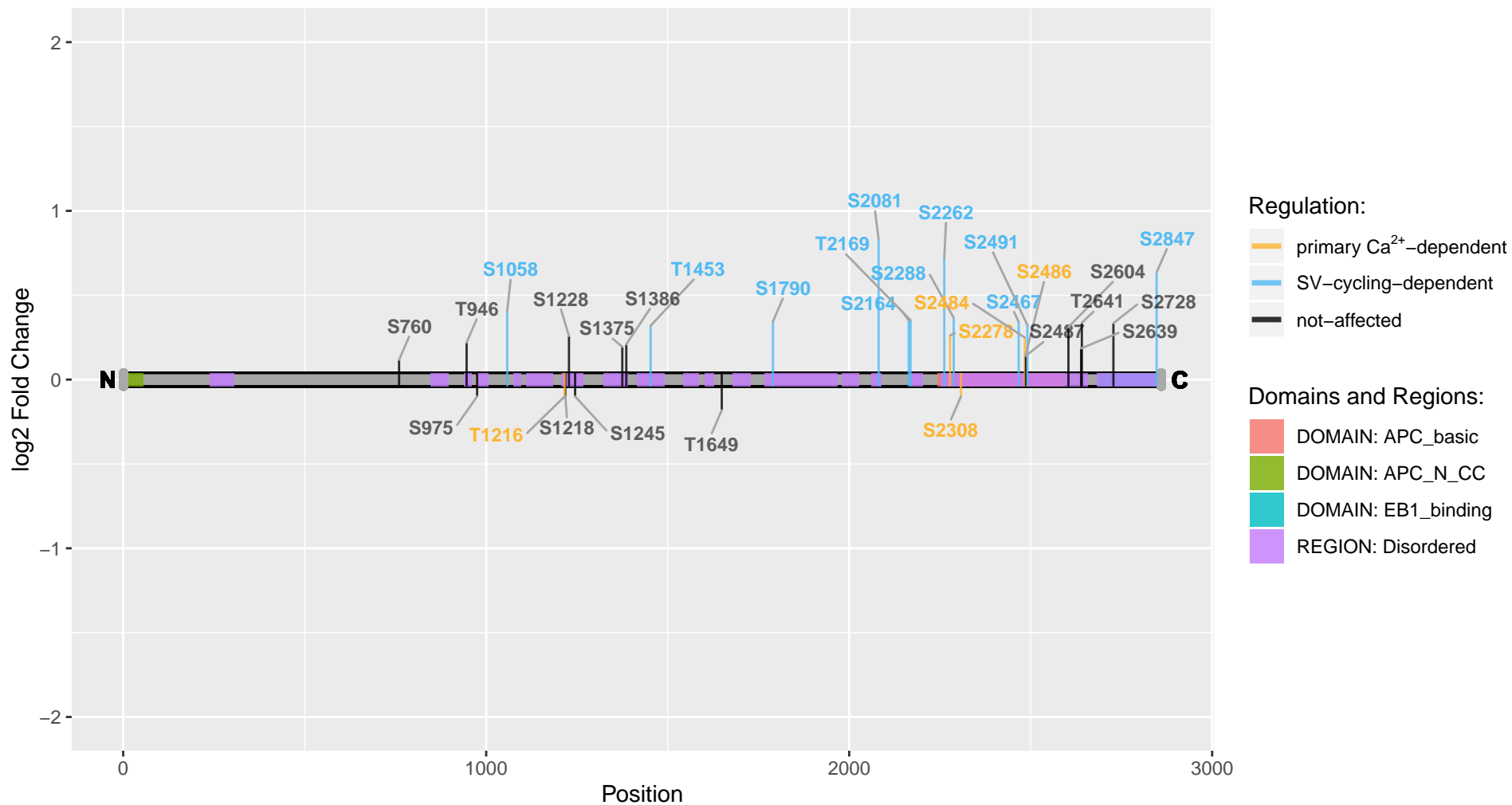
Adaptor-related protein complex 3 subunit delta 1



Apc

Uniprot Accession: A0A0G2K8G0

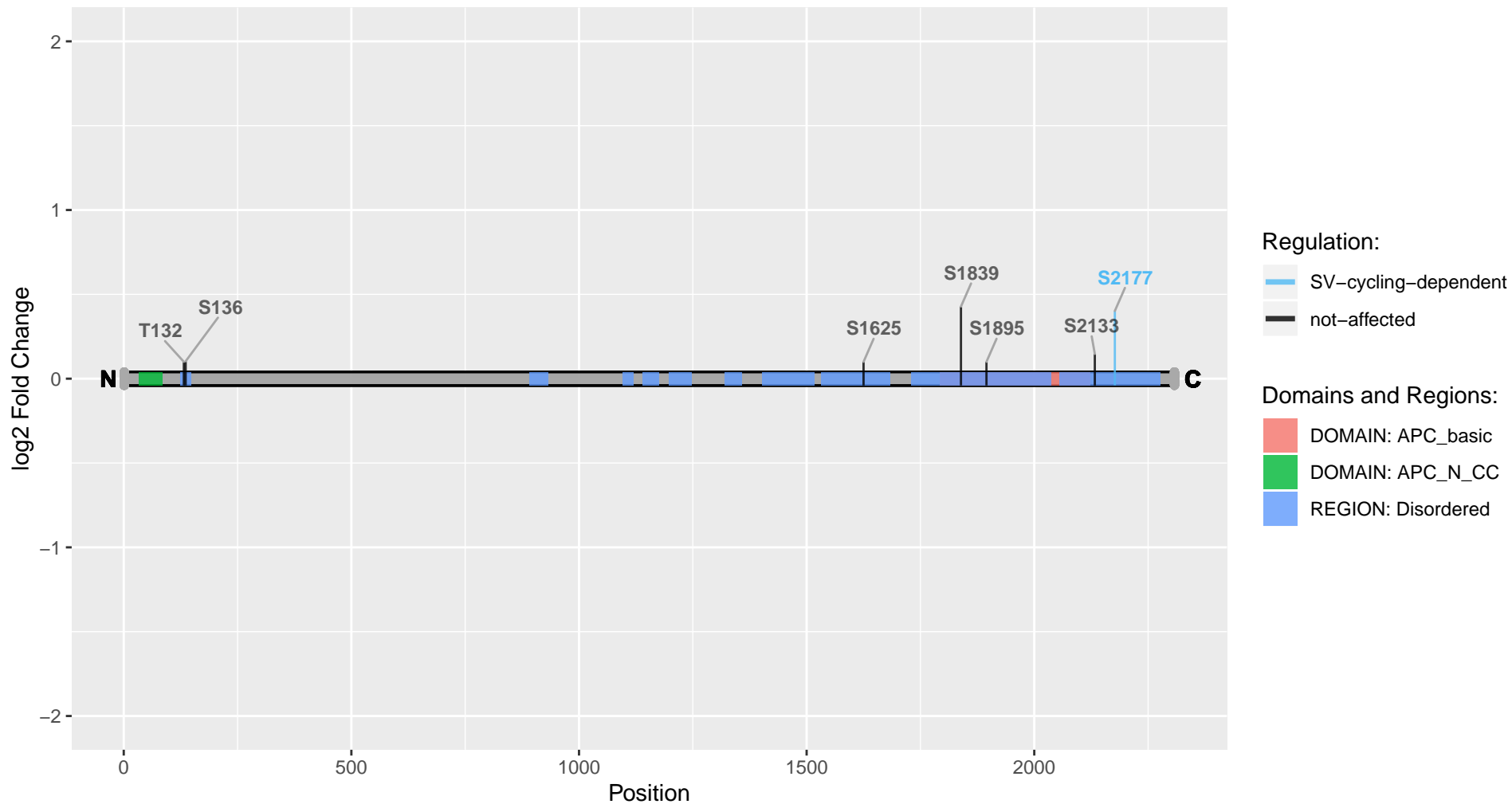
Adenomatous polyposis coli protein



Apc2

Uniprot Accession: A0A0G2JZW4

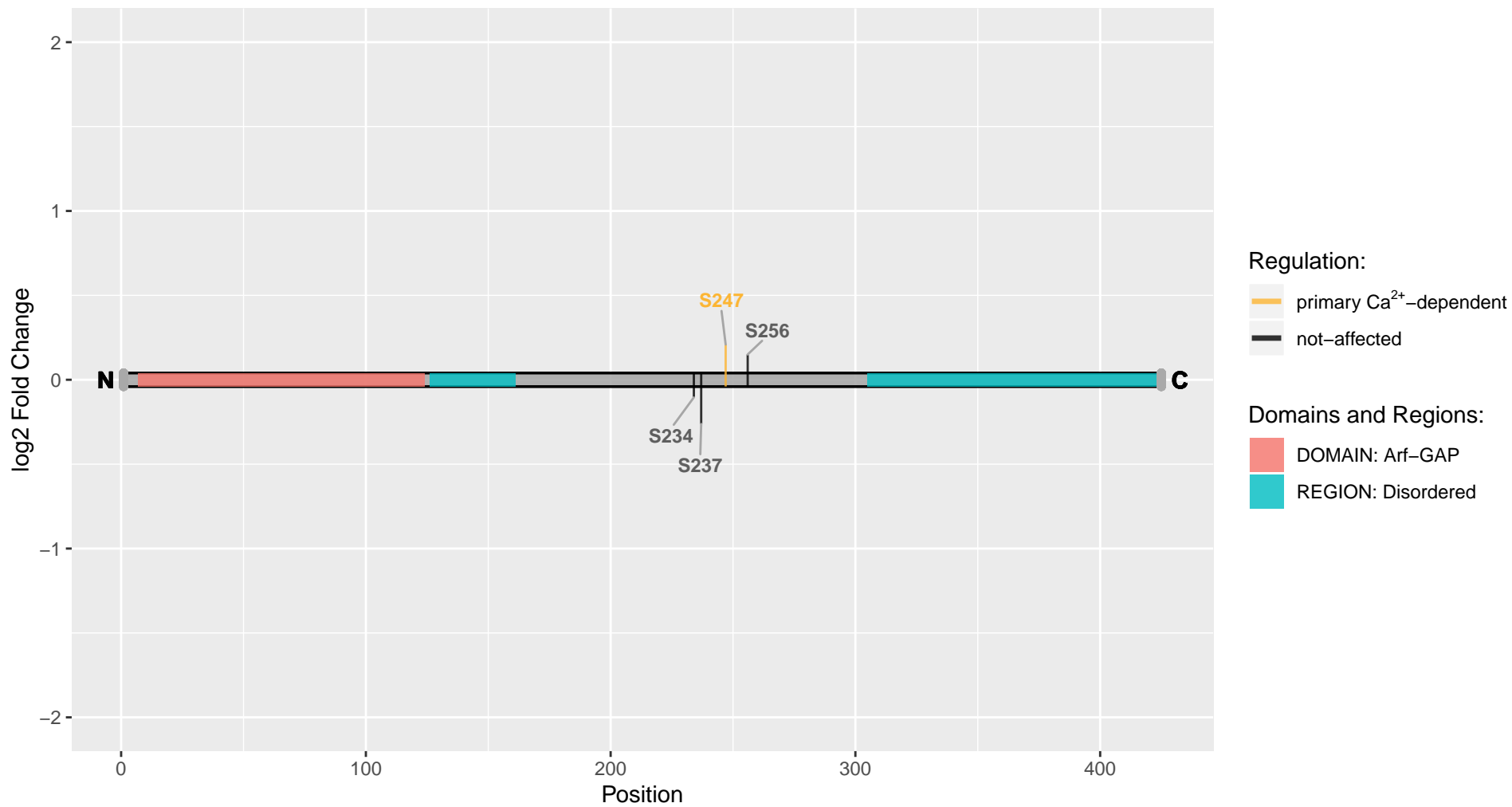
APC2, WNT–signaling pathway regulator



Arfgap1

Uniprot Accession: Q3S4A4

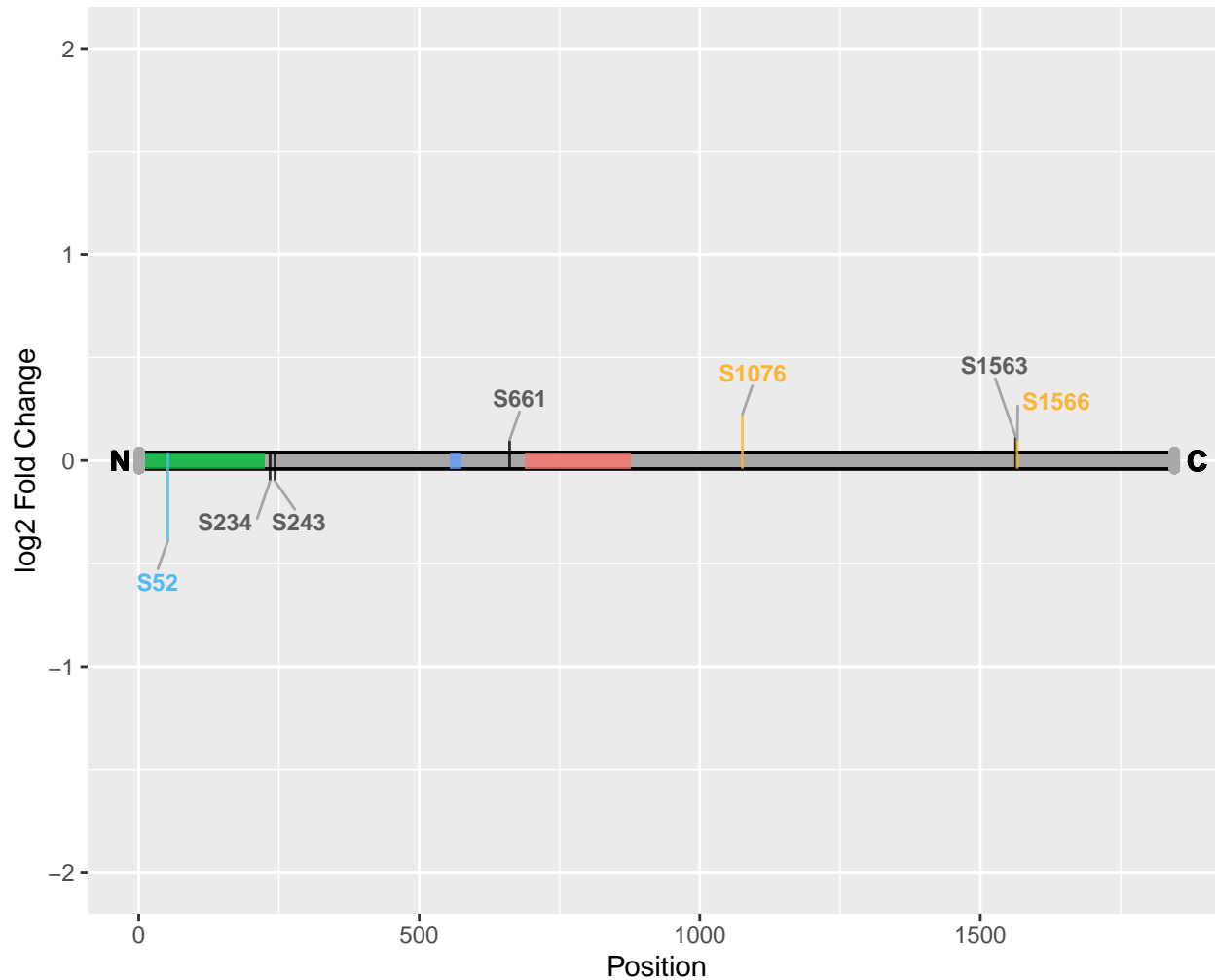
ADP-ribosylation factor GTPase activating protein 1 heart isoform



Arfgef1

Uniprot Accession: D4A631

Brefeldin A-inhibited guanine nucleotide-exchange protein 1



Regulation:

- primary Ca²⁺-dependent
- SV-cycling-dependent
- not-affected

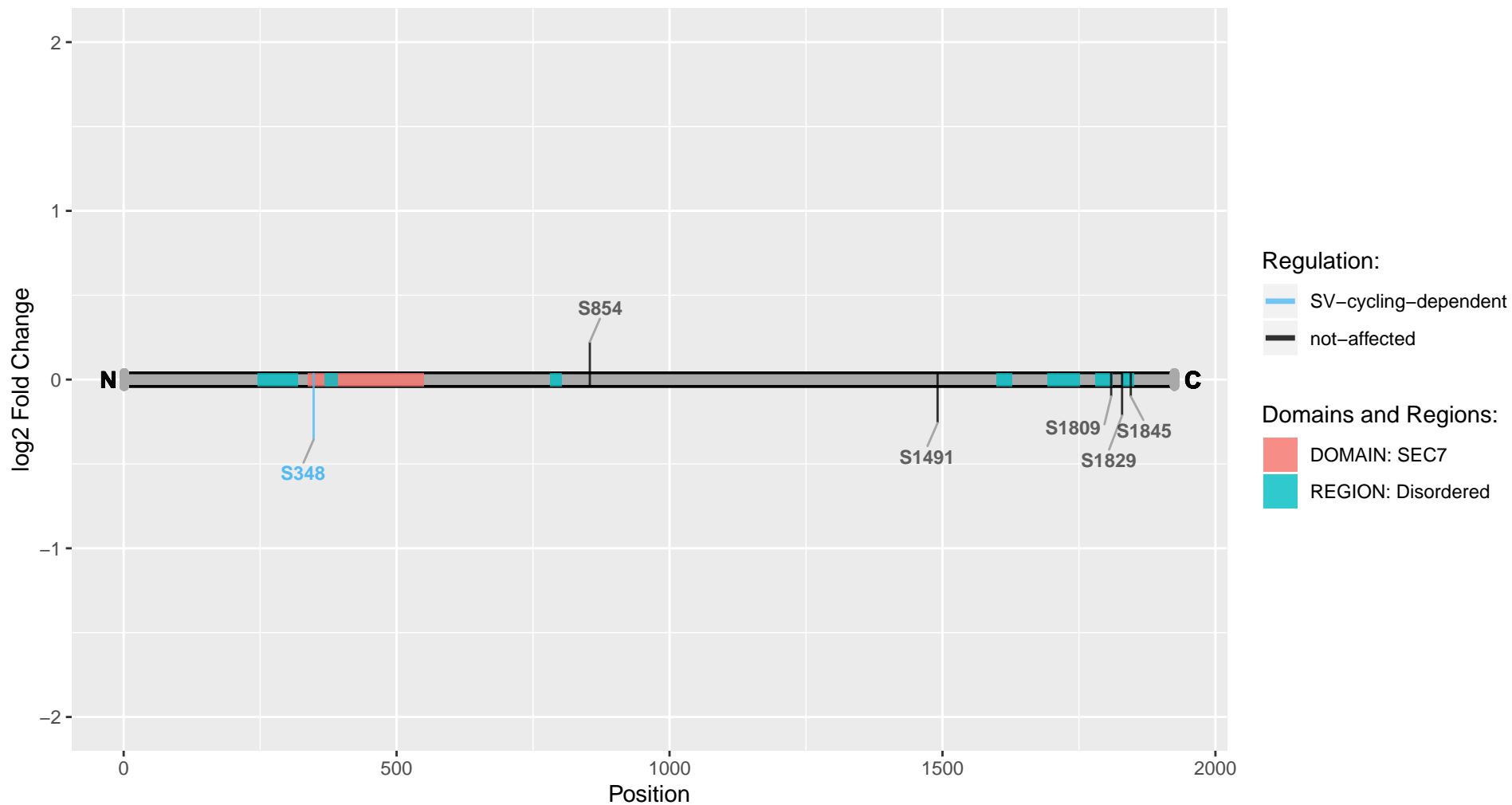
Domains and Regions:

- DOMAIN: SEC7
- REGION: DCB; DCB:DCB domain and DCB:HUS domain interaction
- REGION: HUS; DCB:HUS domain interaction

Arfgef3

Uniprot Accession: D3ZF86

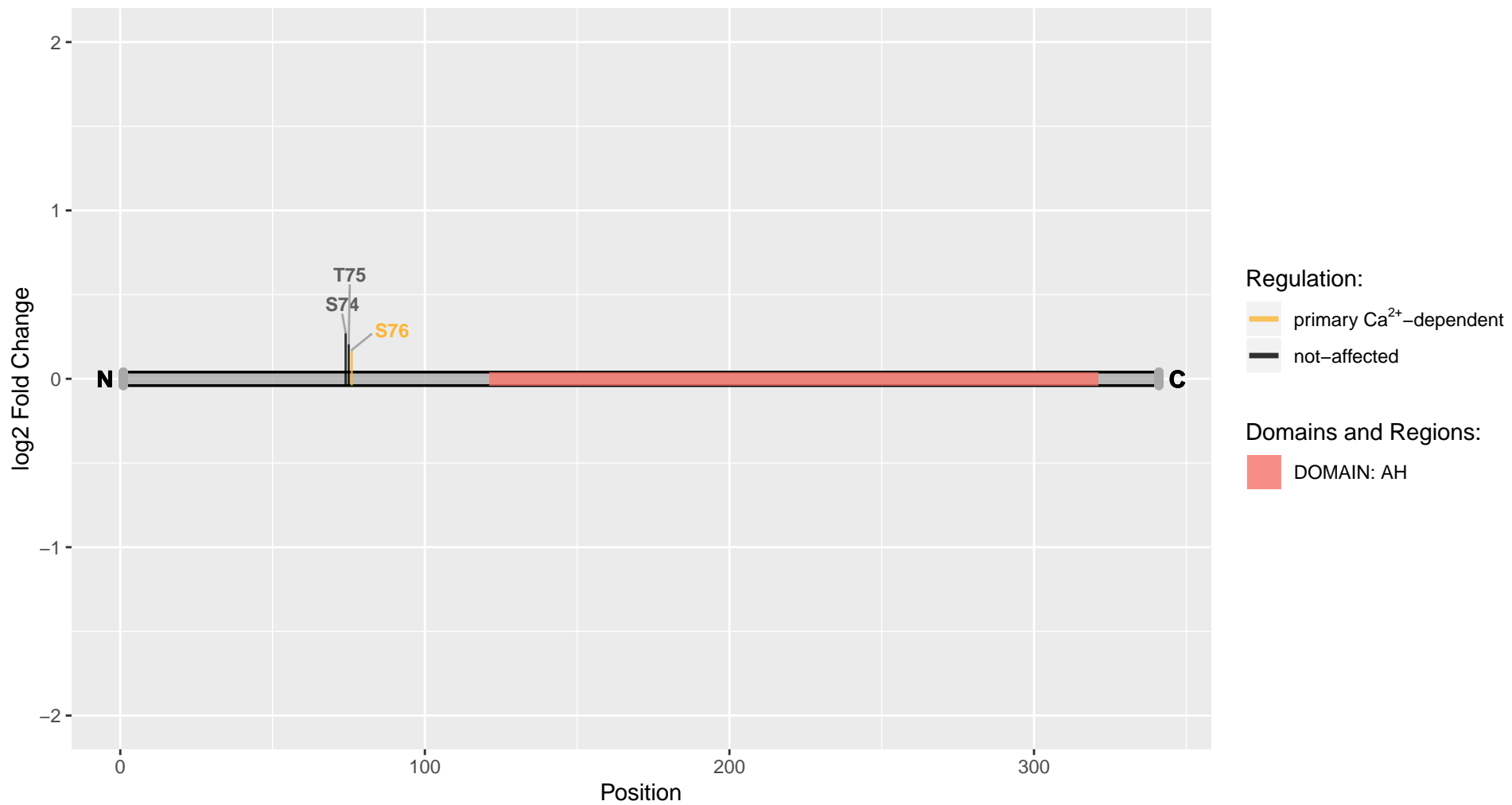
ARFGEF family member 3



Arfip2

Uniprot Accession: Q6AY65

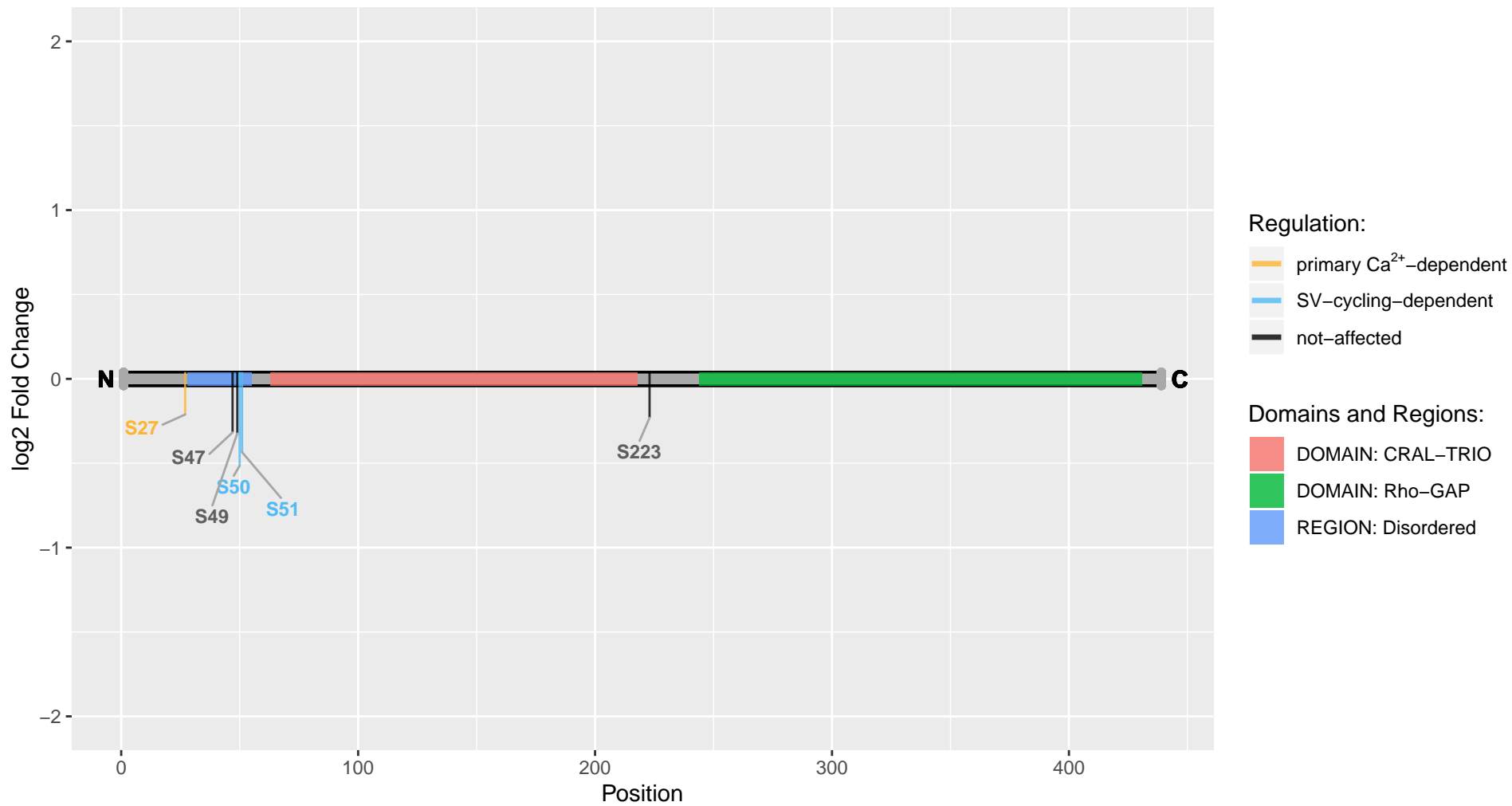
Arfaptin-2



Arhgap1

Uniprot Accession: D4A6C5

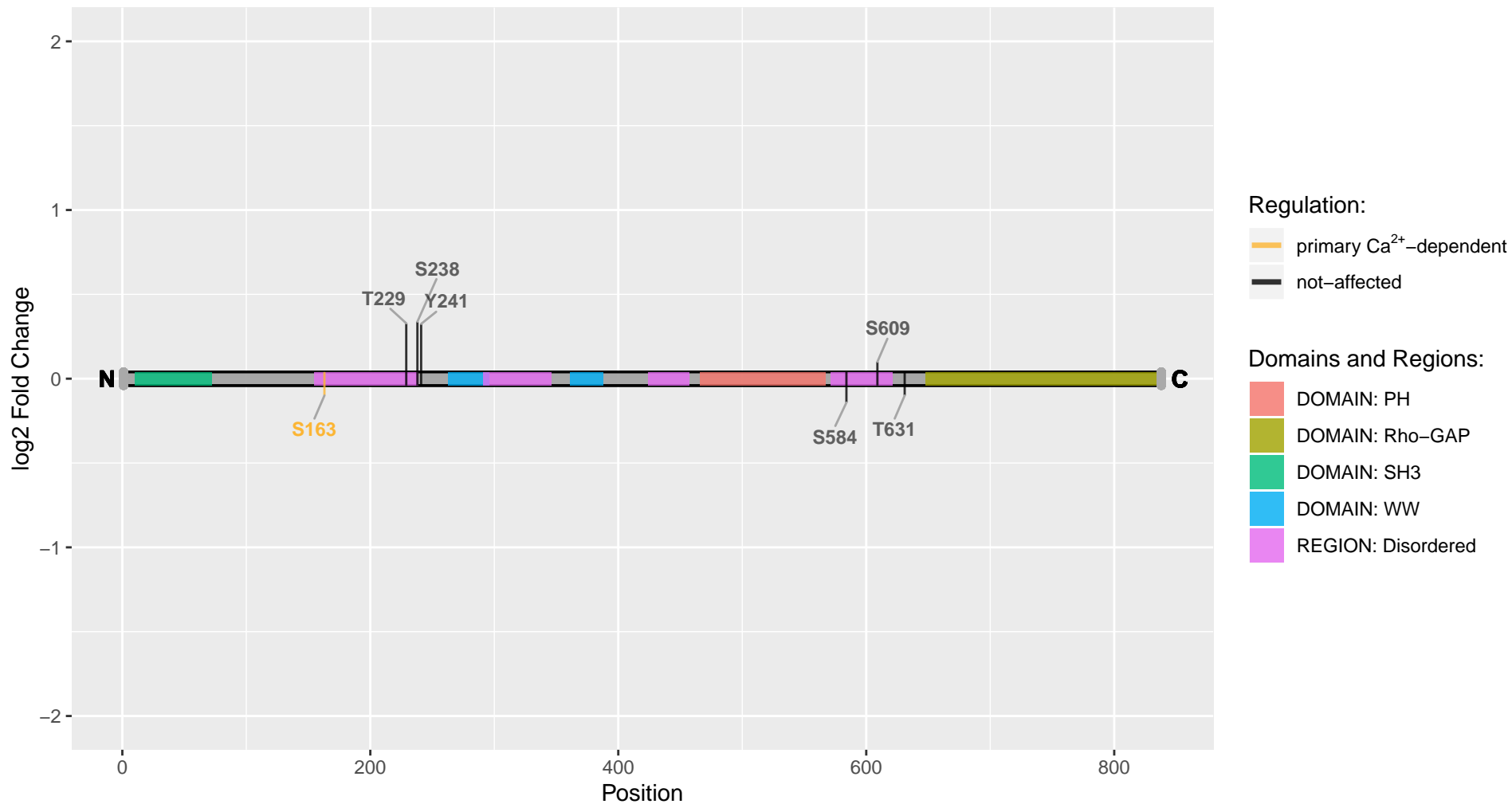
Rho GTPase-activating protein 1



Arhgap12

Uniprot Accession: A0A0G2K1Z2

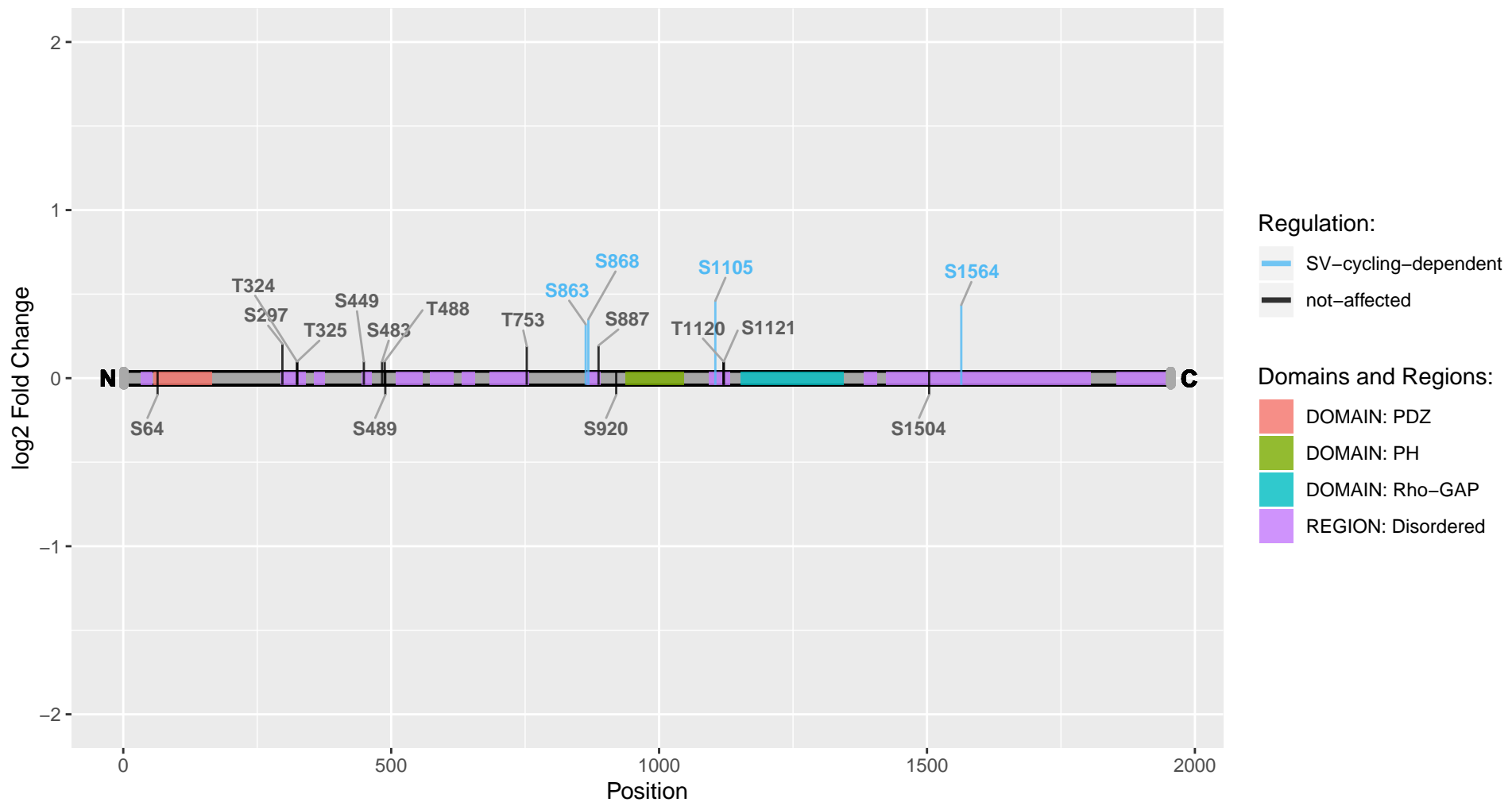
Rho GTPase-activating protein 12



Arhgap21

Uniprot Accession: F1LXQ7

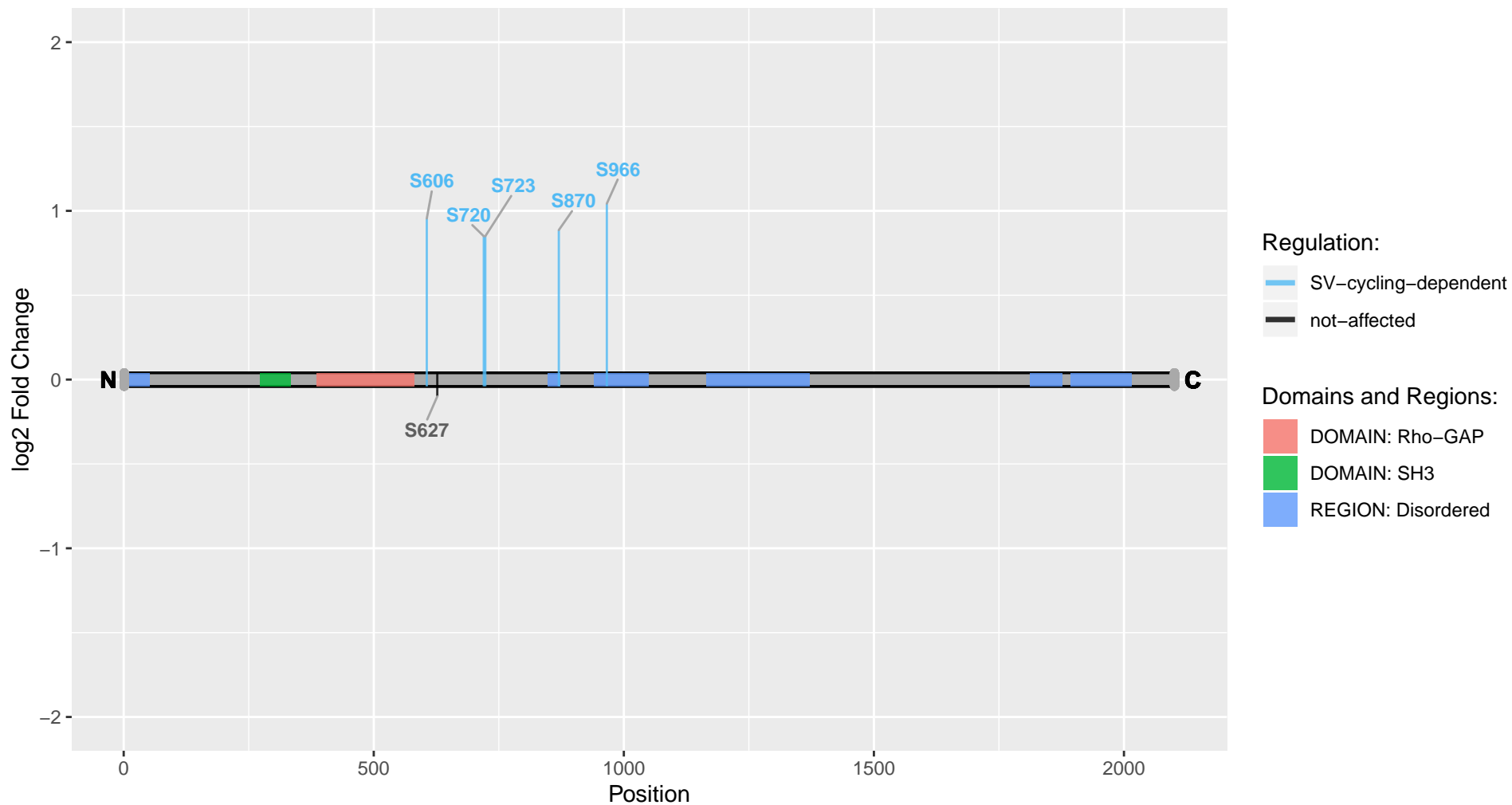
Rho GTPase-activating protein 21



Arhgap32

Uniprot Accession: F1MAK3

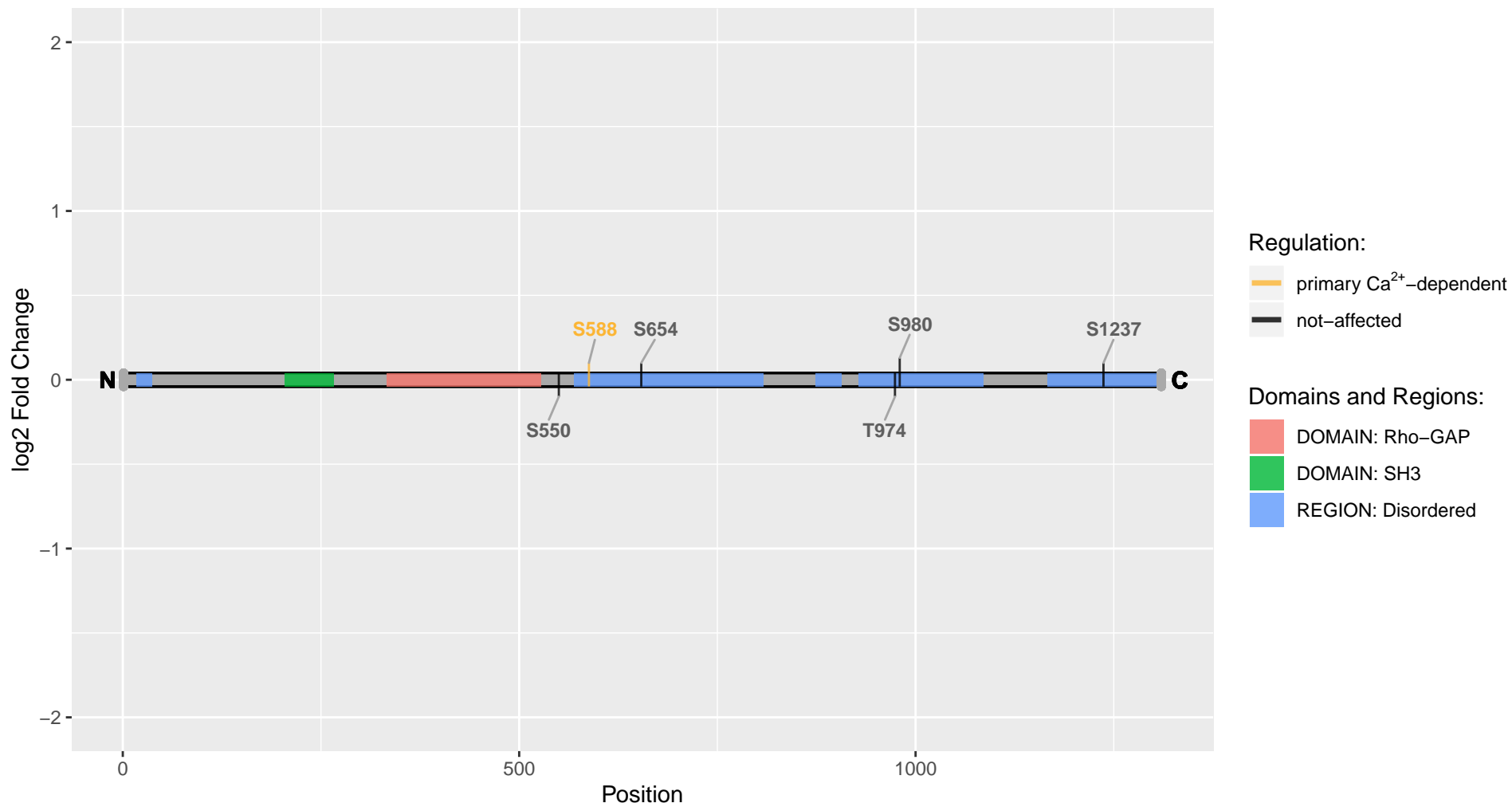
Rho GTPase-activating protein 32



Arhgap33

Uniprot Accession: D4A9G6

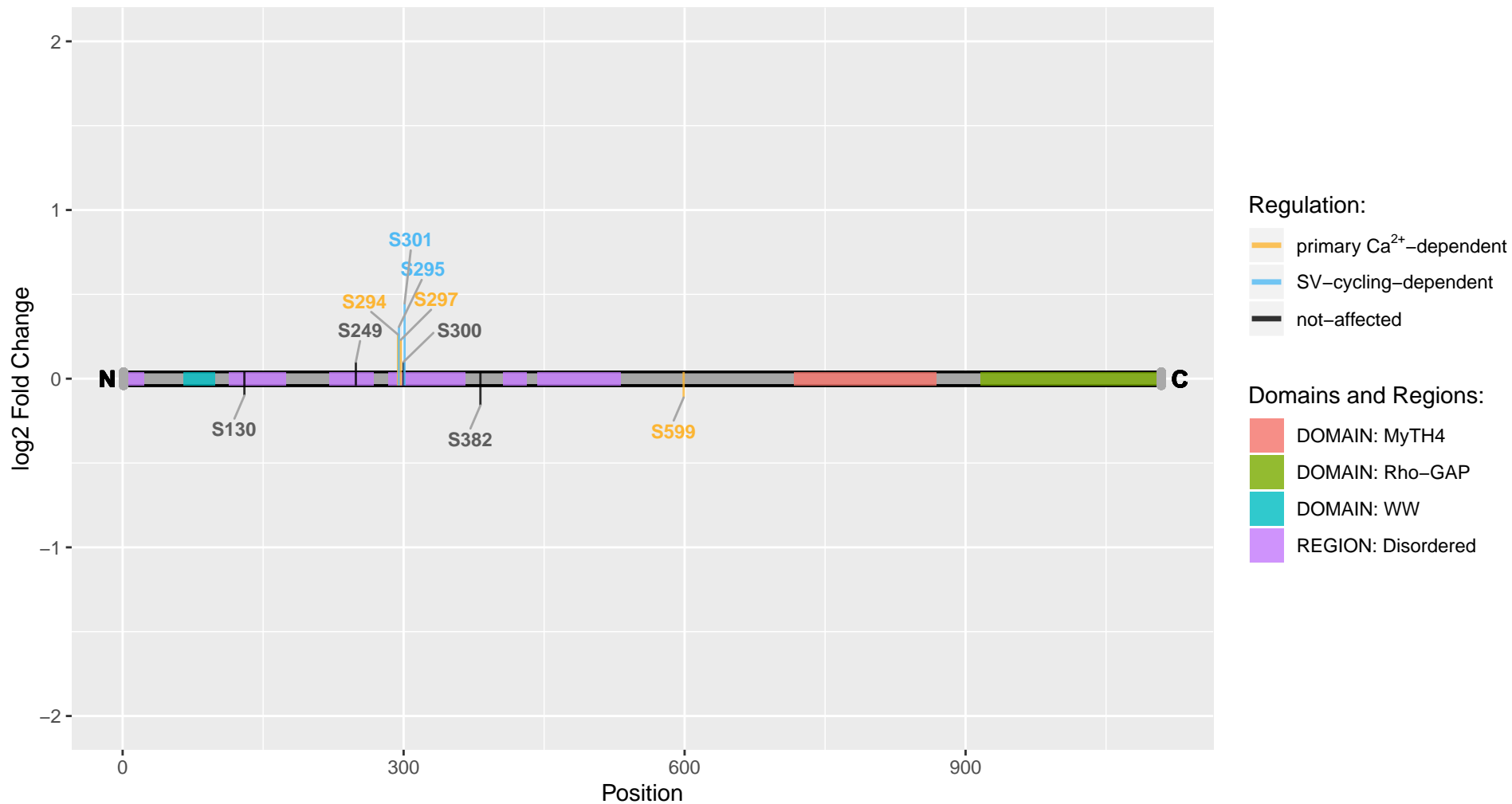
Rho GTPase-activating protein 33



Arhgap39

Uniprot Accession: F1LR18

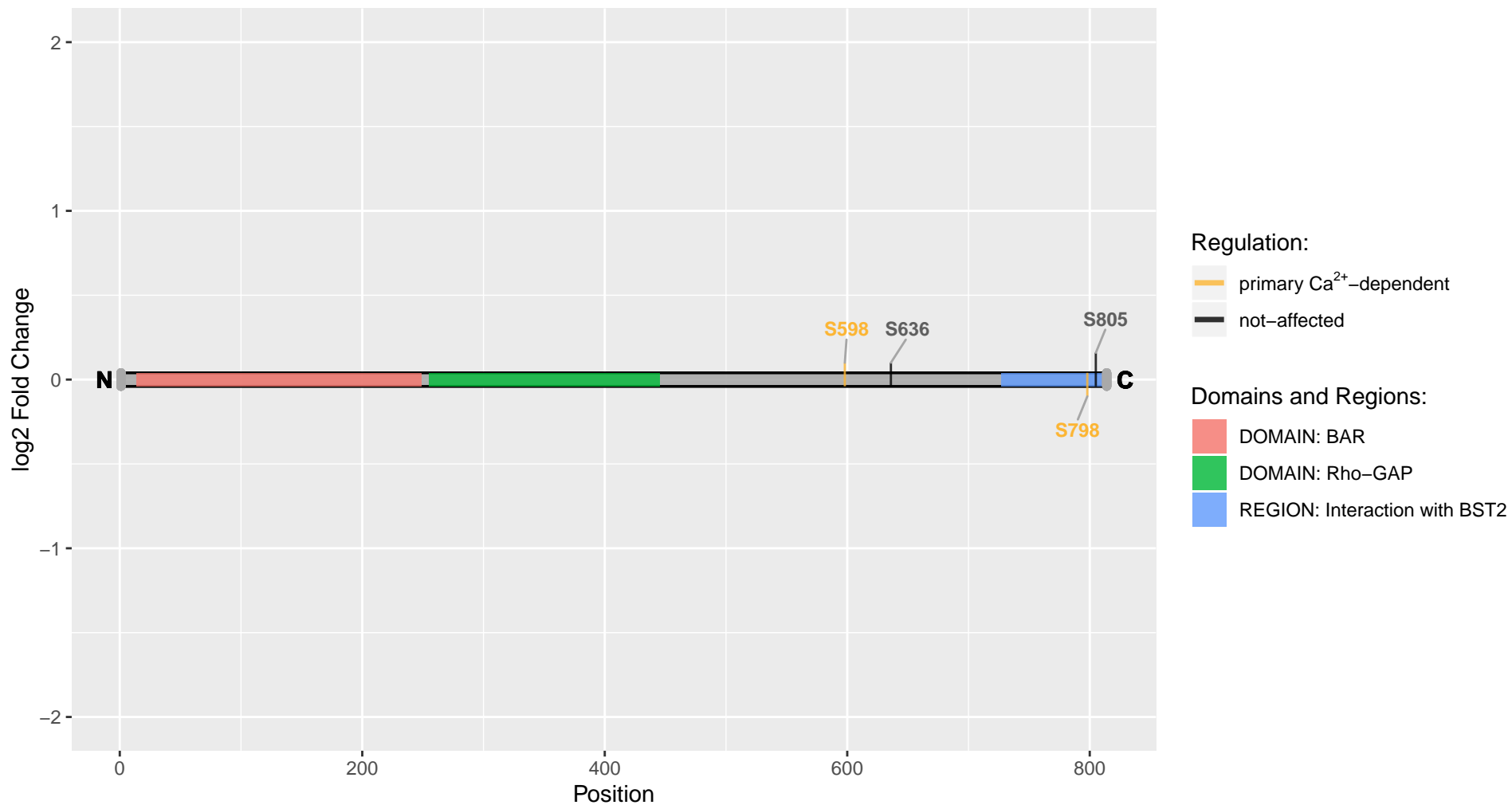
Rho GTPase-activating protein 39



Arhgap44

Uniprot Accession: F1LQX4

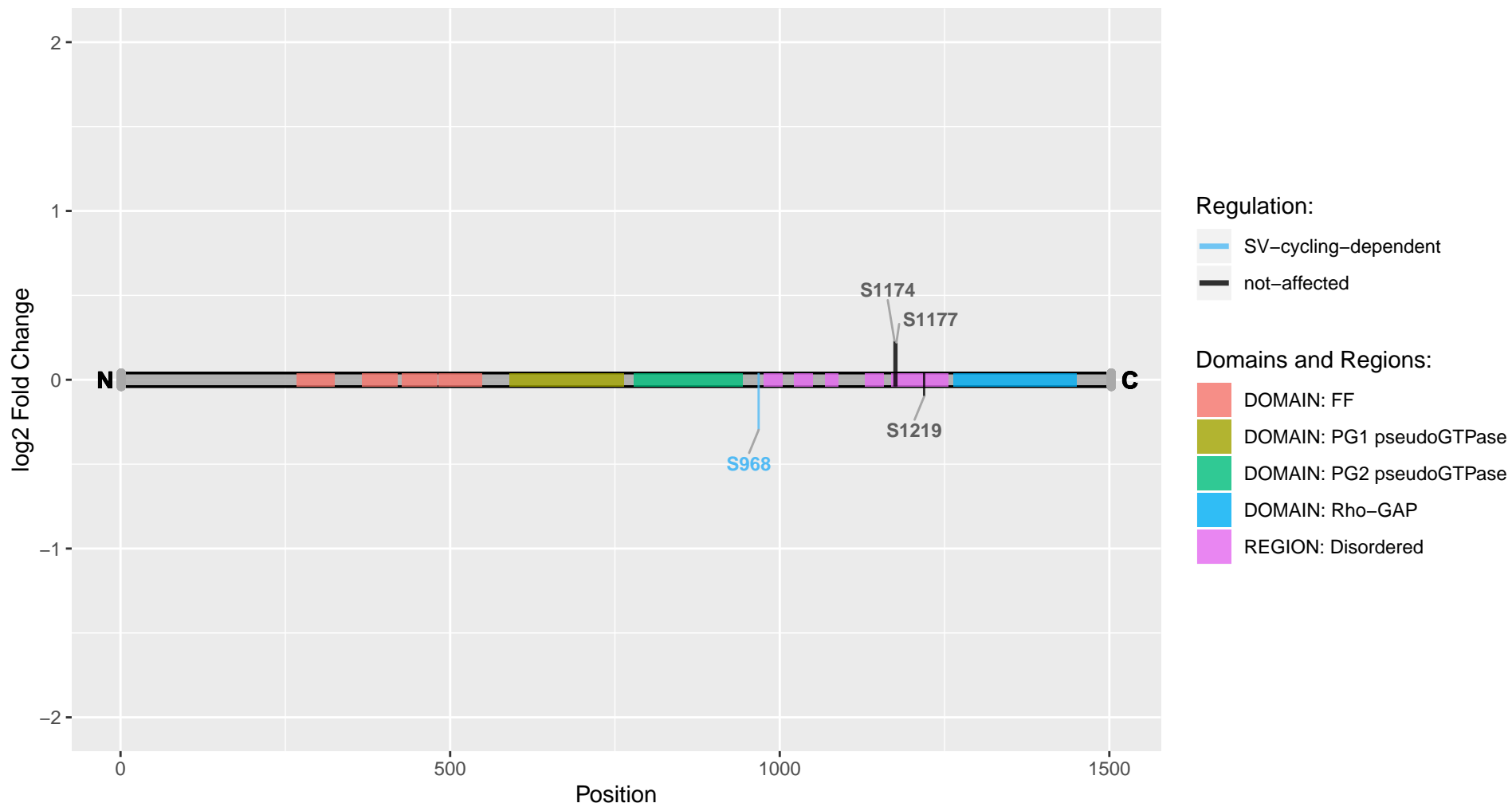
Rho GTPase-activating protein 44



Arhgap5

Uniprot Accession: A0A0G2K7N9

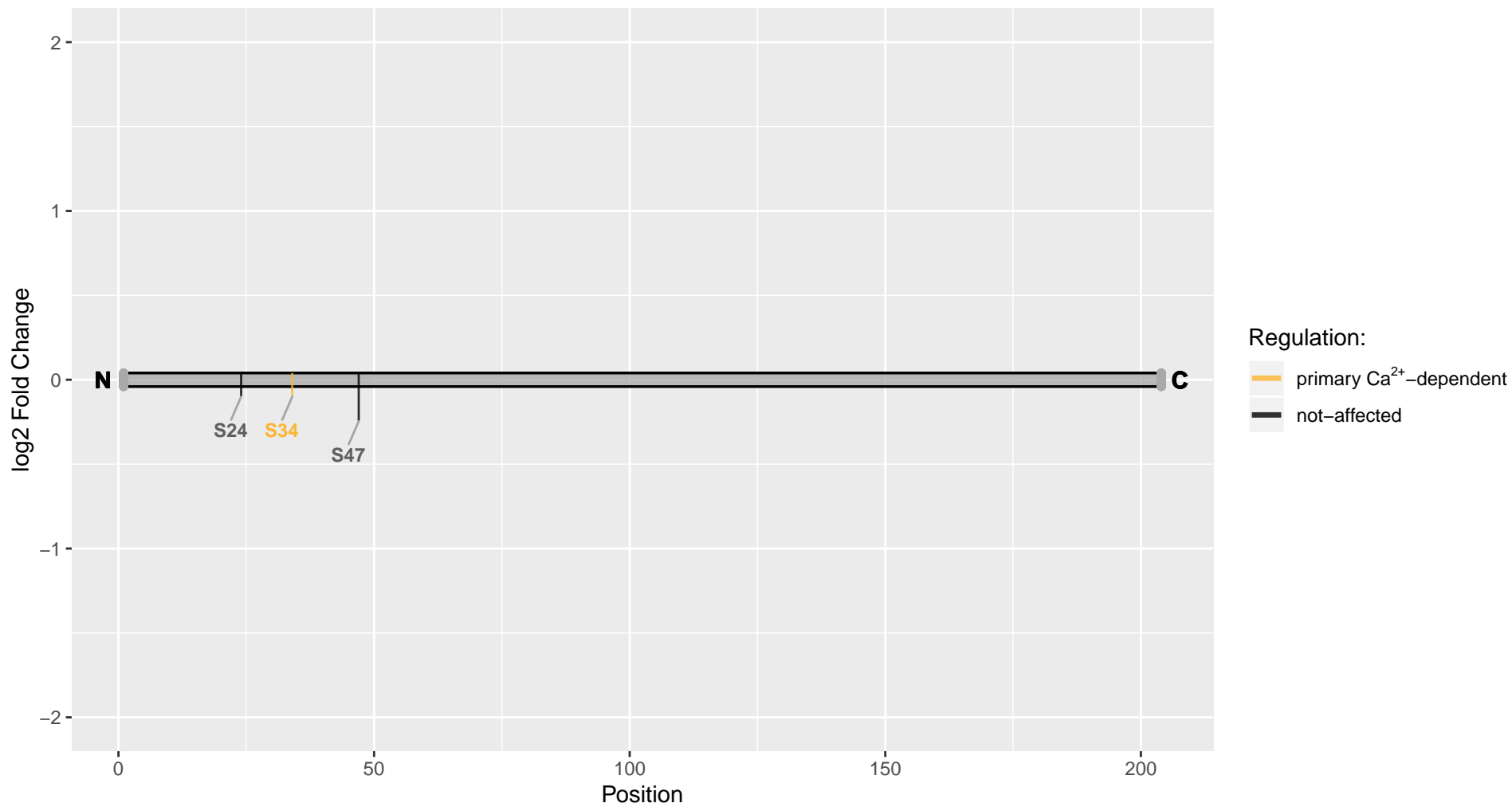
Rho GTPase-activating protein 5



Arhgdia

Uniprot Accession: Q5XI73

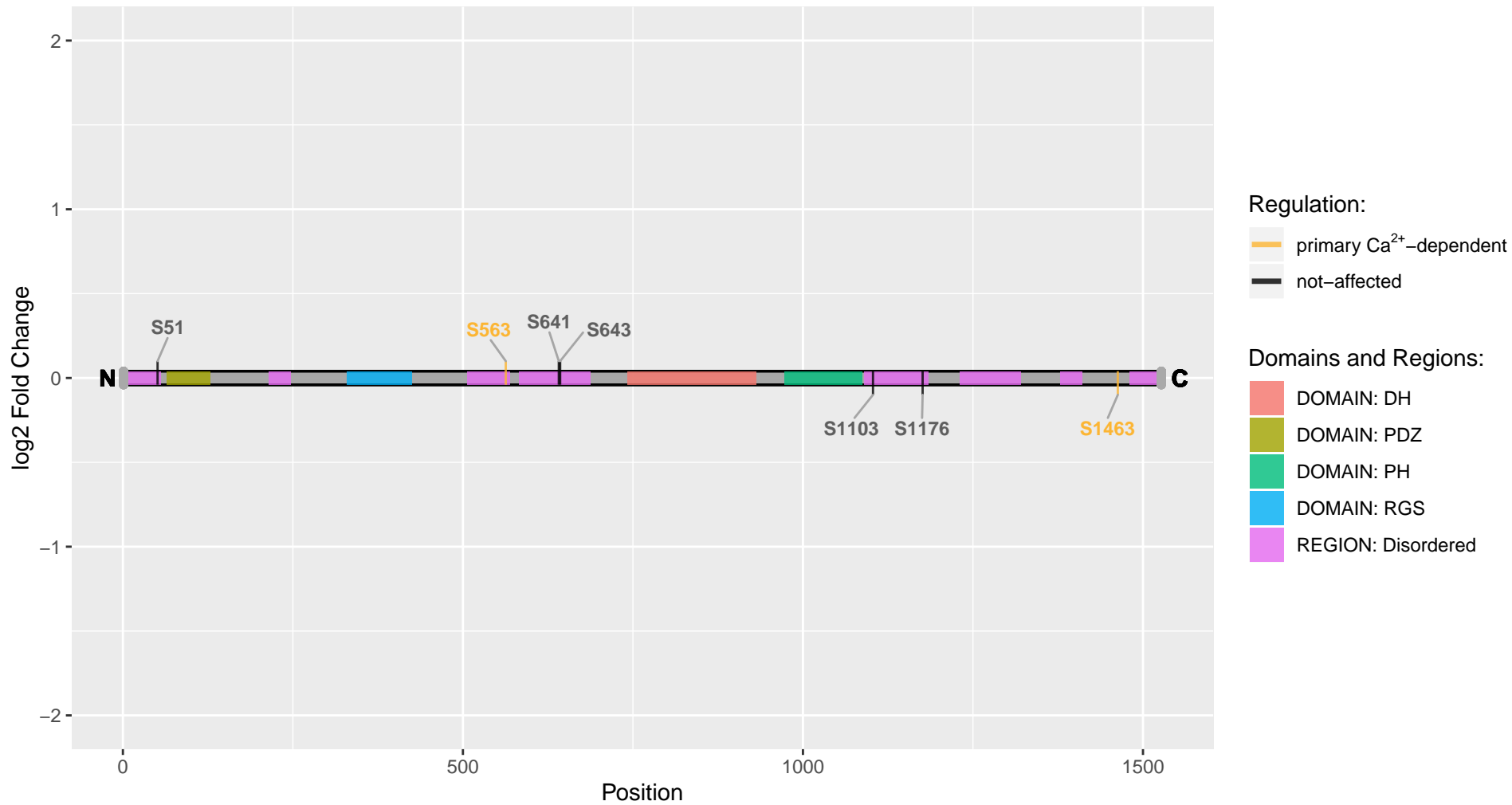
Rho GDP-dissociation inhibitor 1



Arhgef11

Uniprot Accession: F1LQS9

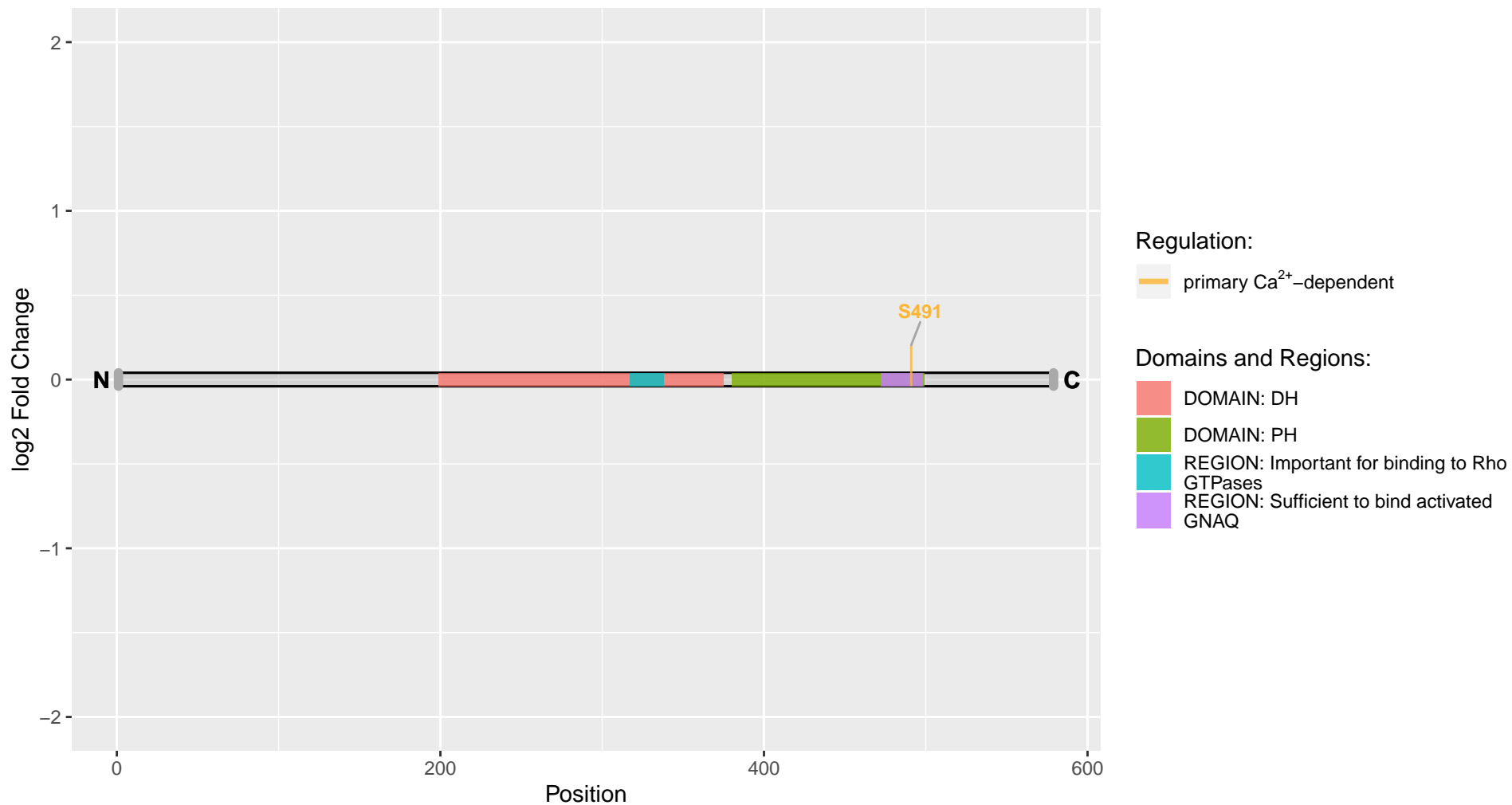
Rho guanine nucleotide exchange factor 11



Arhgef25

Uniprot Accession: Q6P720

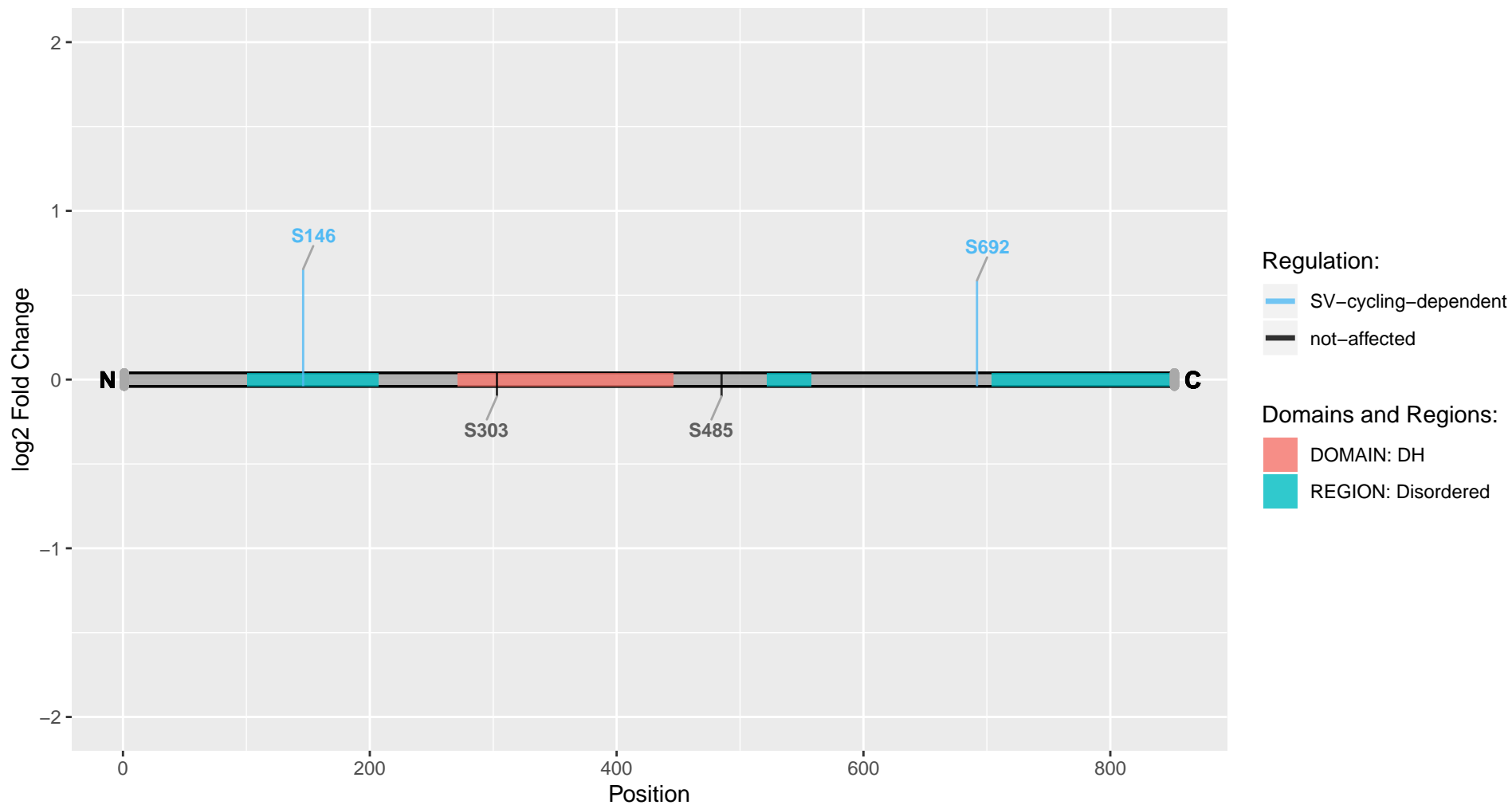
Rho guanine nucleotide exchange factor 25



Arhgef33

Uniprot Accession: D3Z8W6

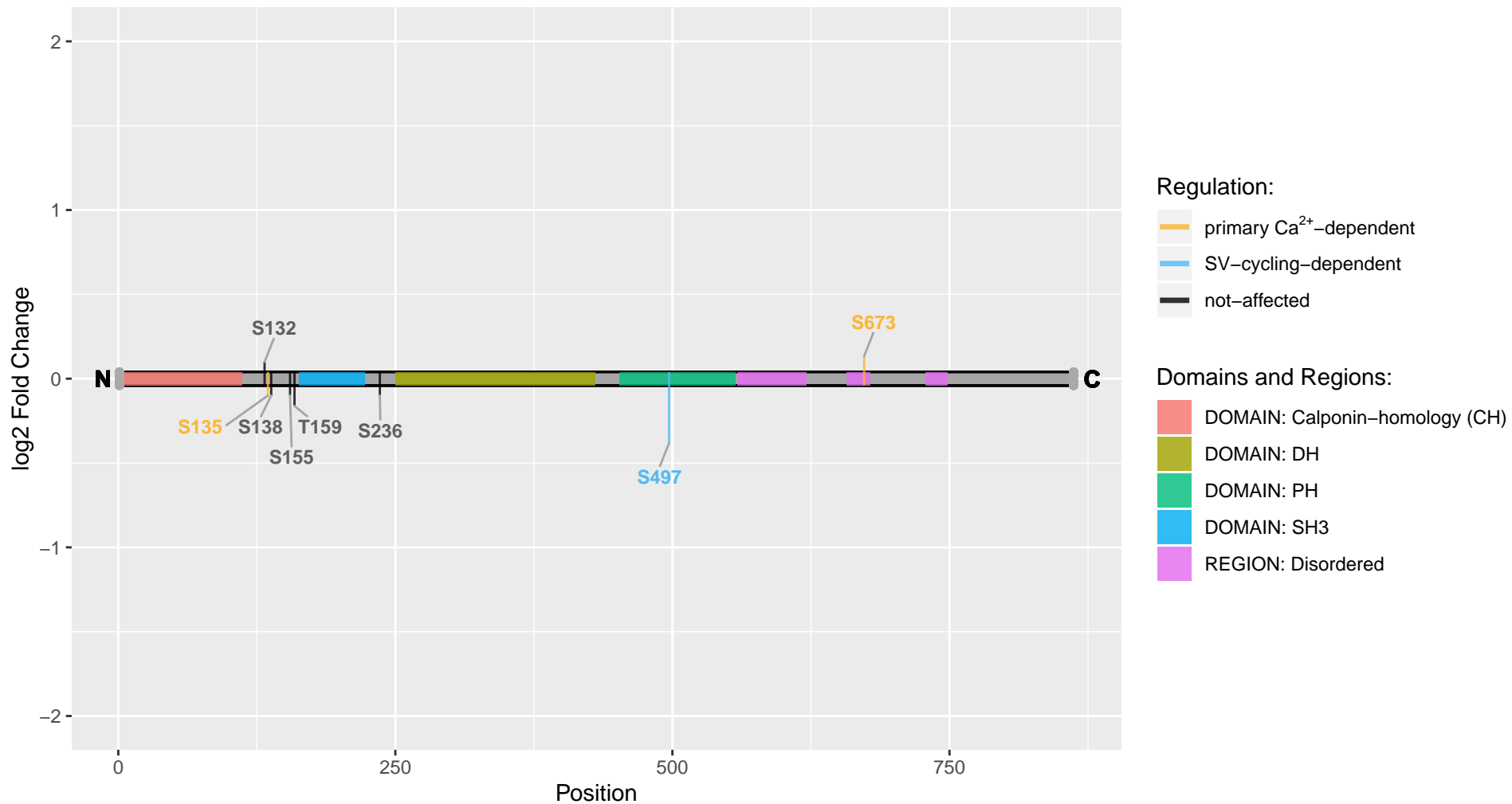
Rho guanine nucleotide exchange factor 33



Arhgef7

Uniprot Accession: A0A0G2QC21

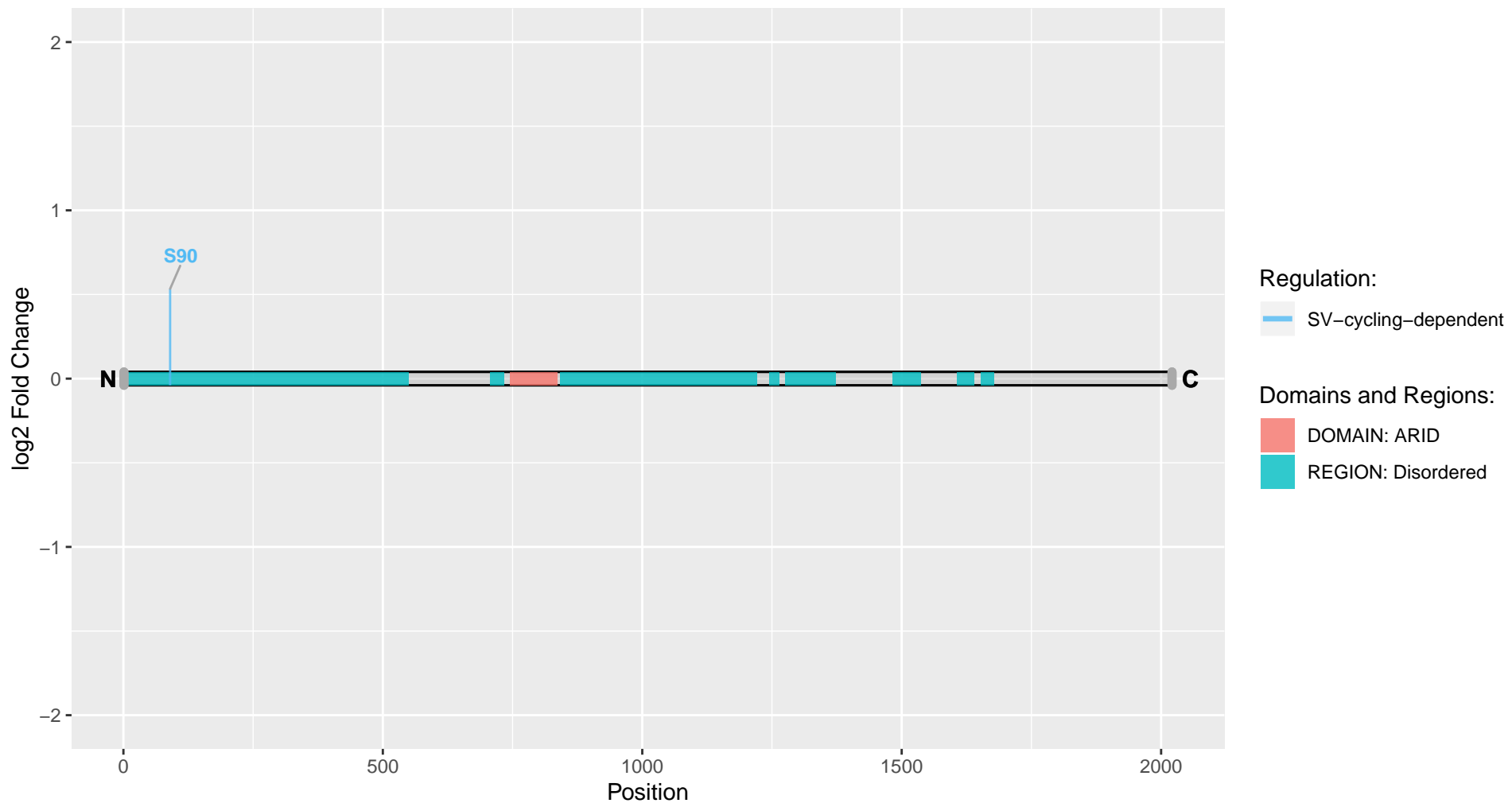
Rho guanine nucleotide exchange factor 7



Arid1a

Uniprot Accession: D4A3E3

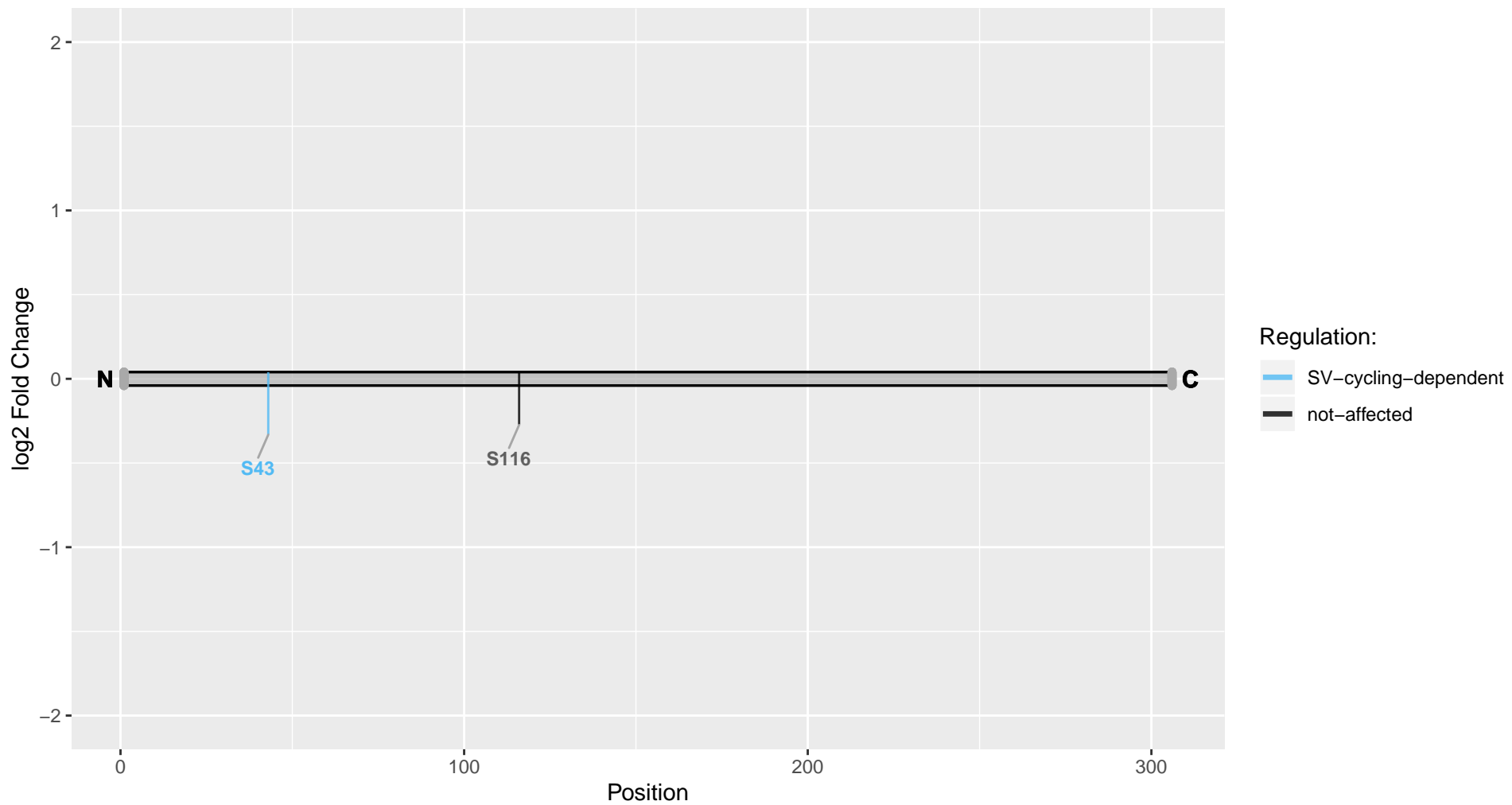
AT-rich interaction domain 1A



Armc10

Uniprot Accession: B1WBW4

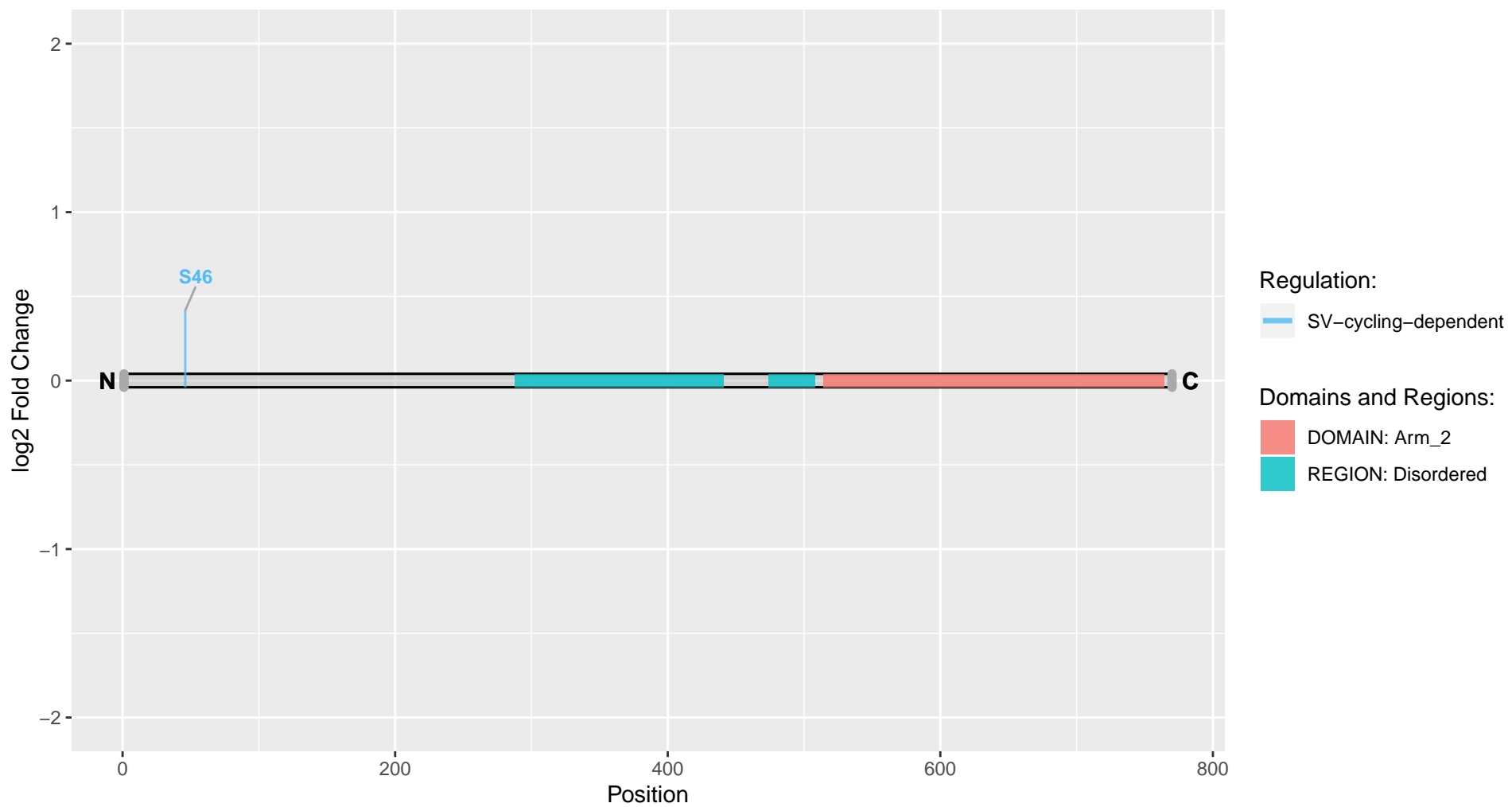
Armadillo repeat-containing protein 10



Armcx2

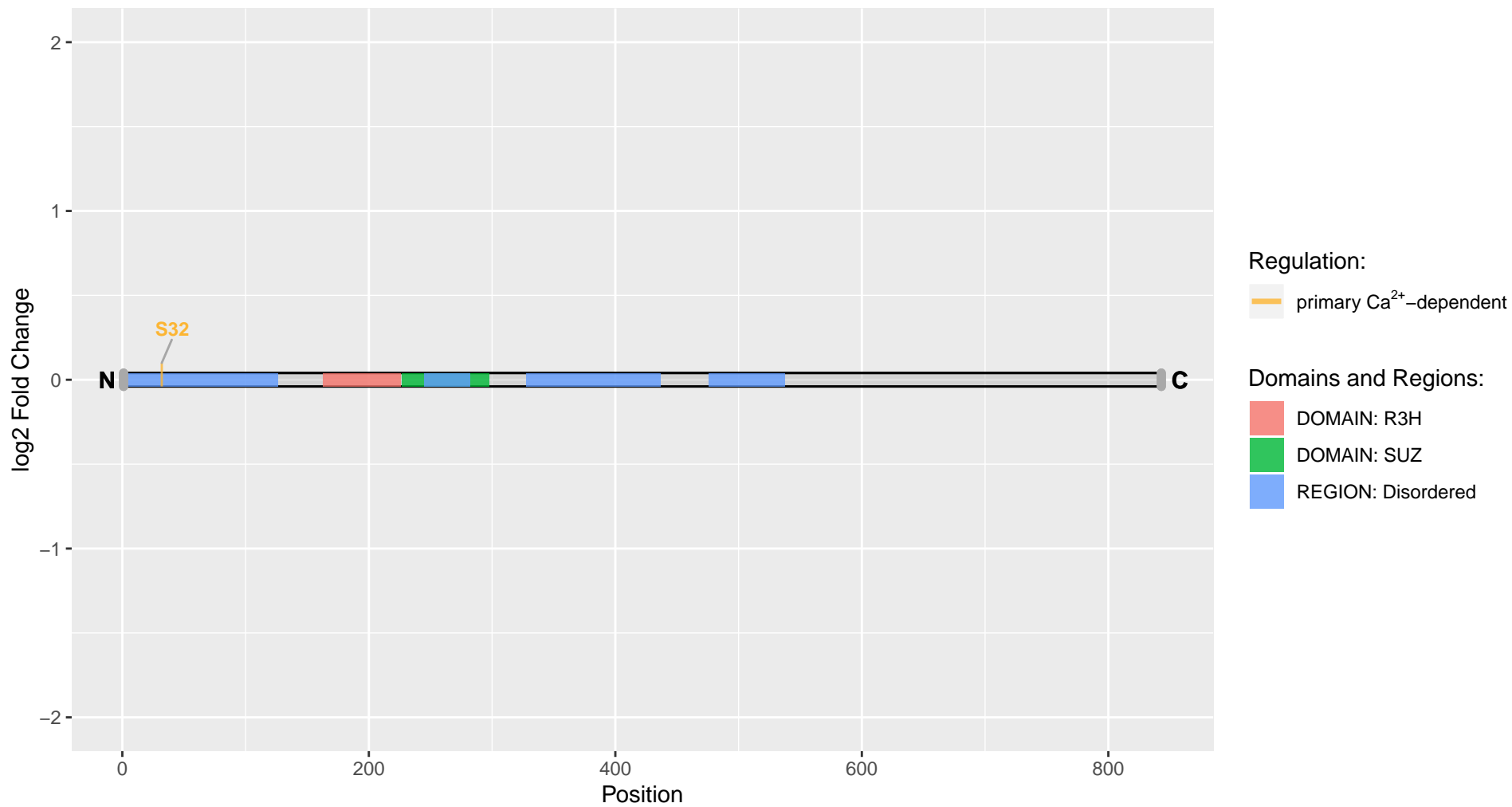
Uniprot Accession: Q642B5

Armadillo repeat-containing, X-linked 2



Arpp21

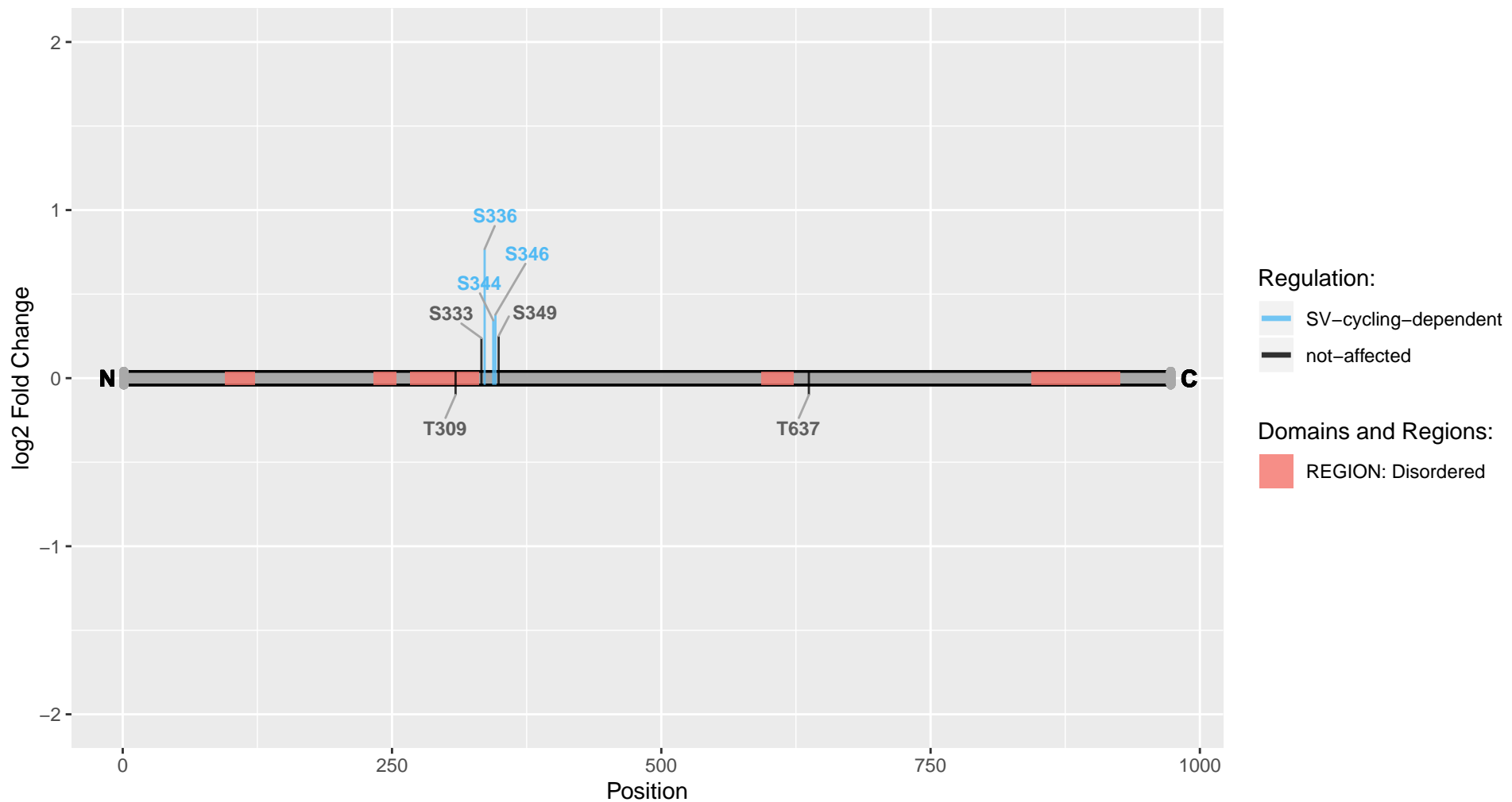
Uniprot Accession: A0A0G2JVX9
cAMP-regulated phosphoprotein 21



Arvcf

Uniprot Accession: B4F7F3

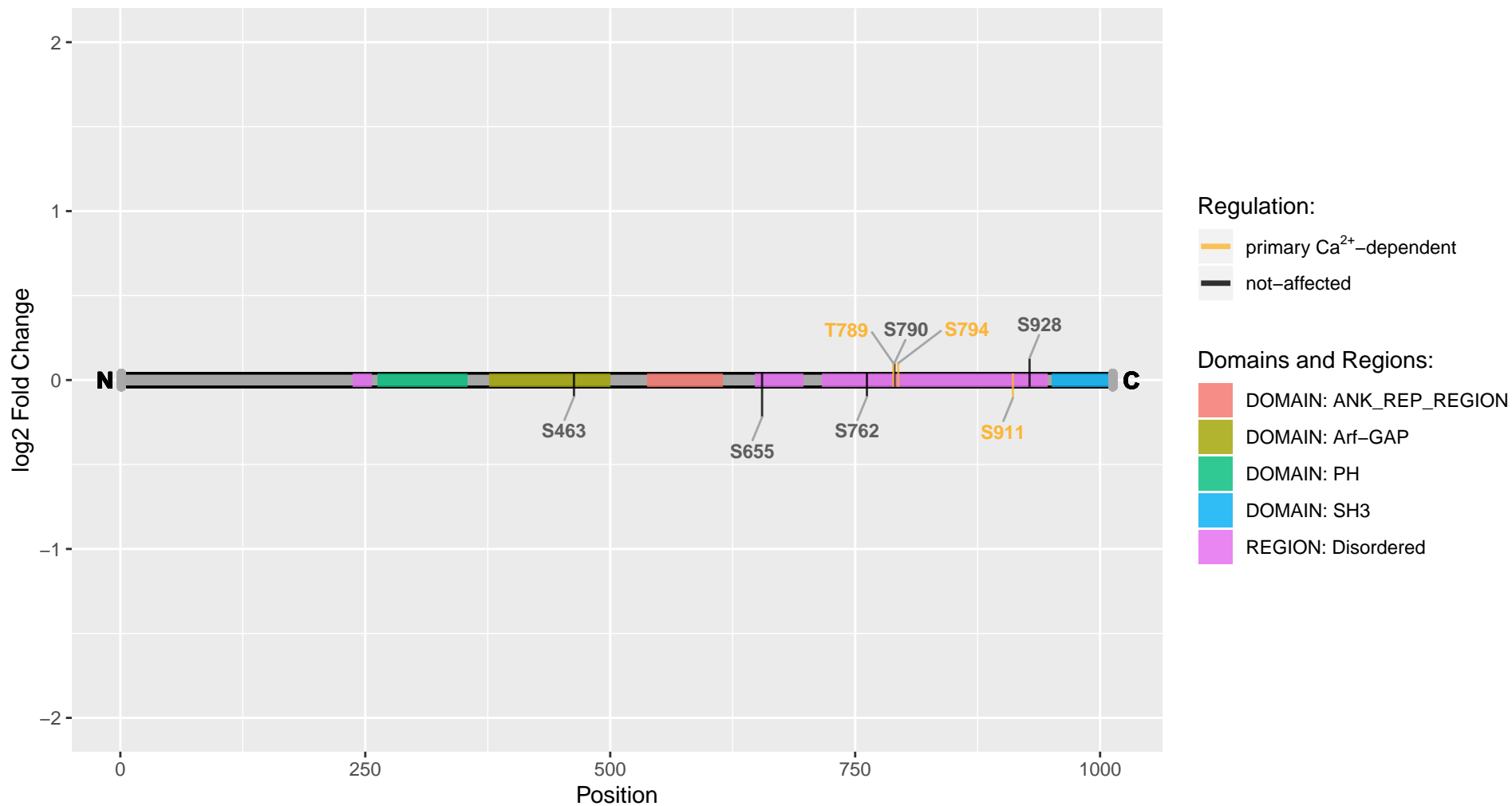
ARVCF, delta catenin family member



Asap1

Uniprot Accession: A0A0G2JZQ0

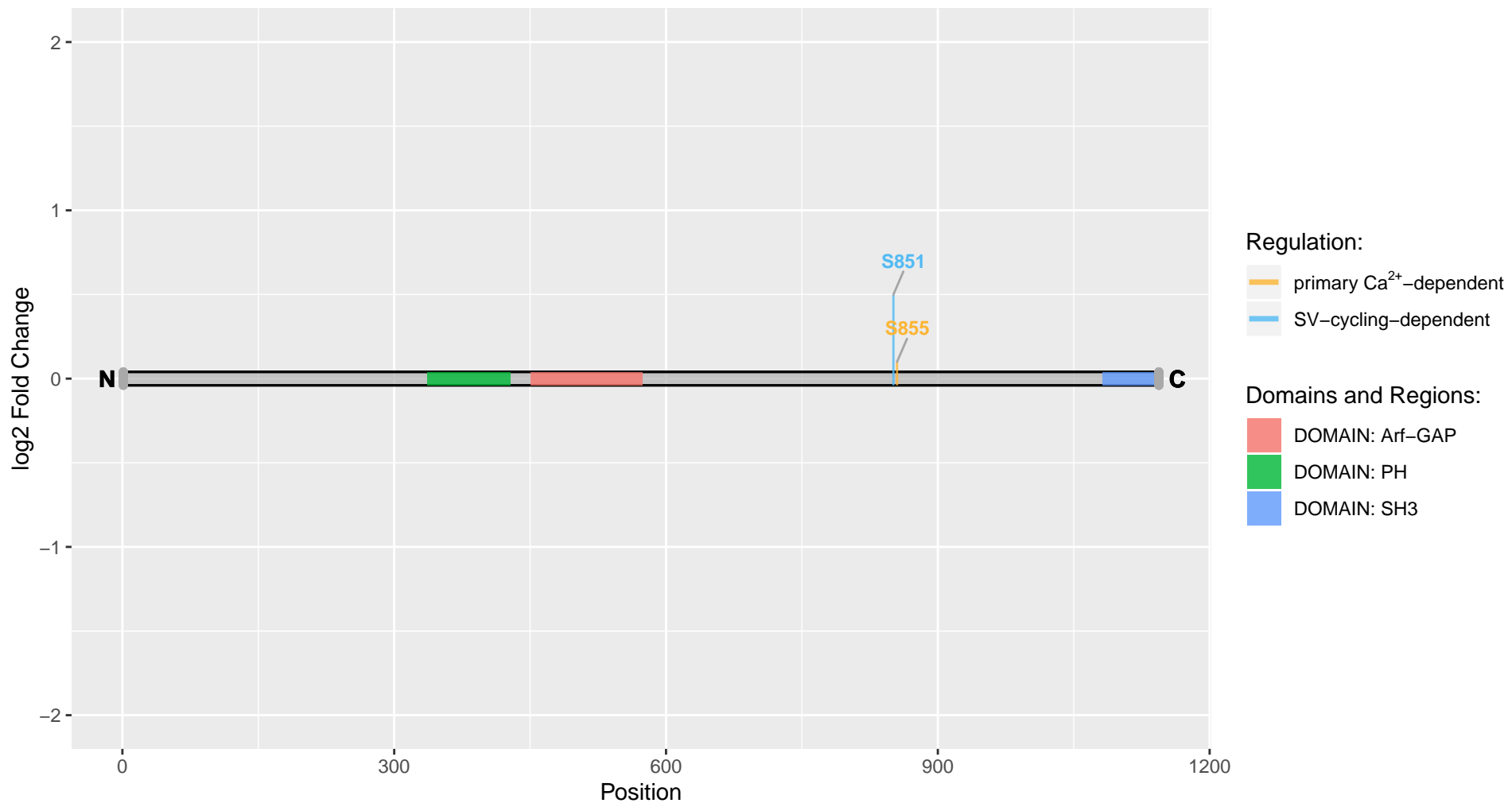
Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1



Asap1

Uniprot Accession: Q1AAU6

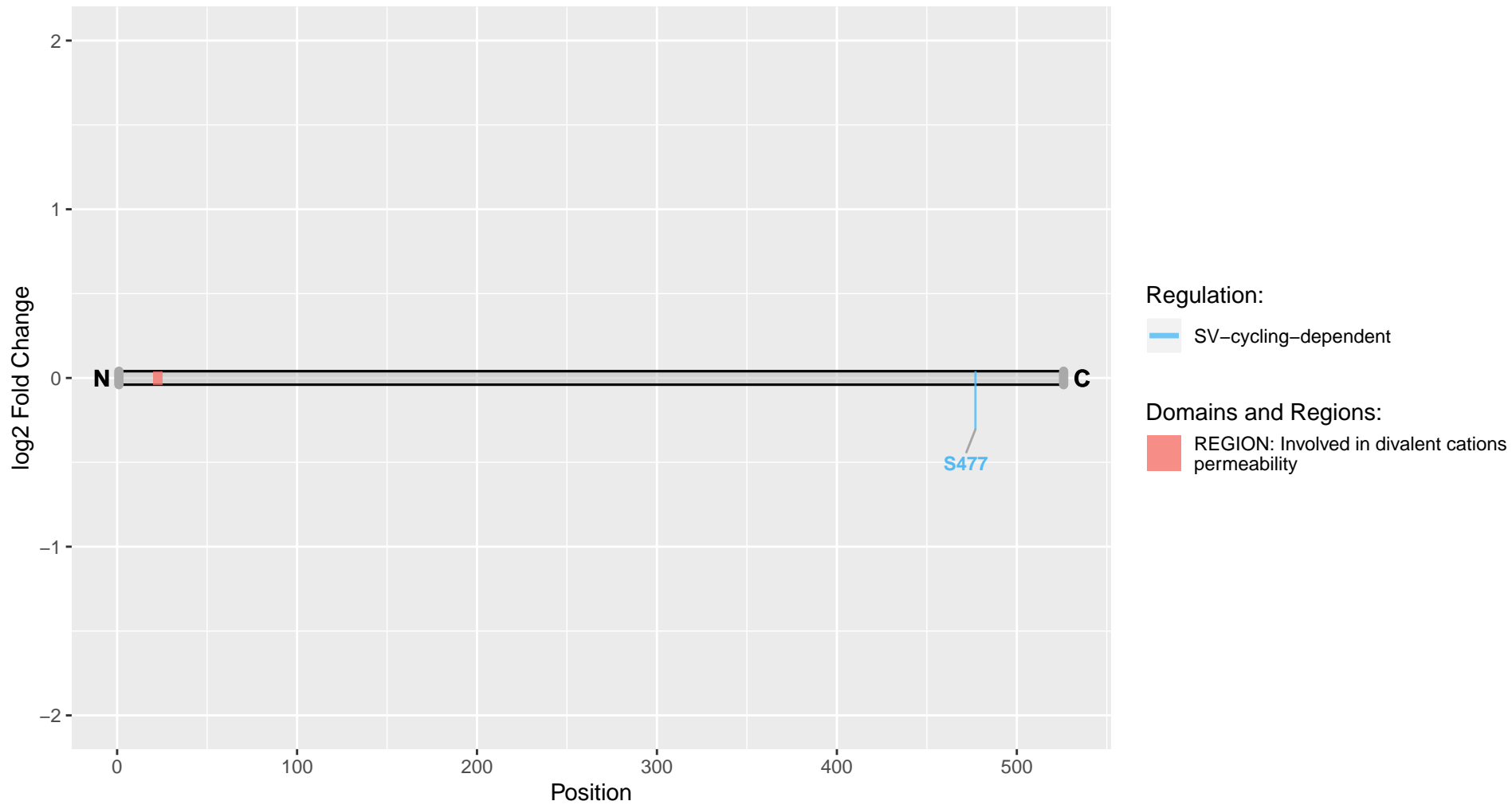
Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1



Asic1

Uniprot Accession: P55926

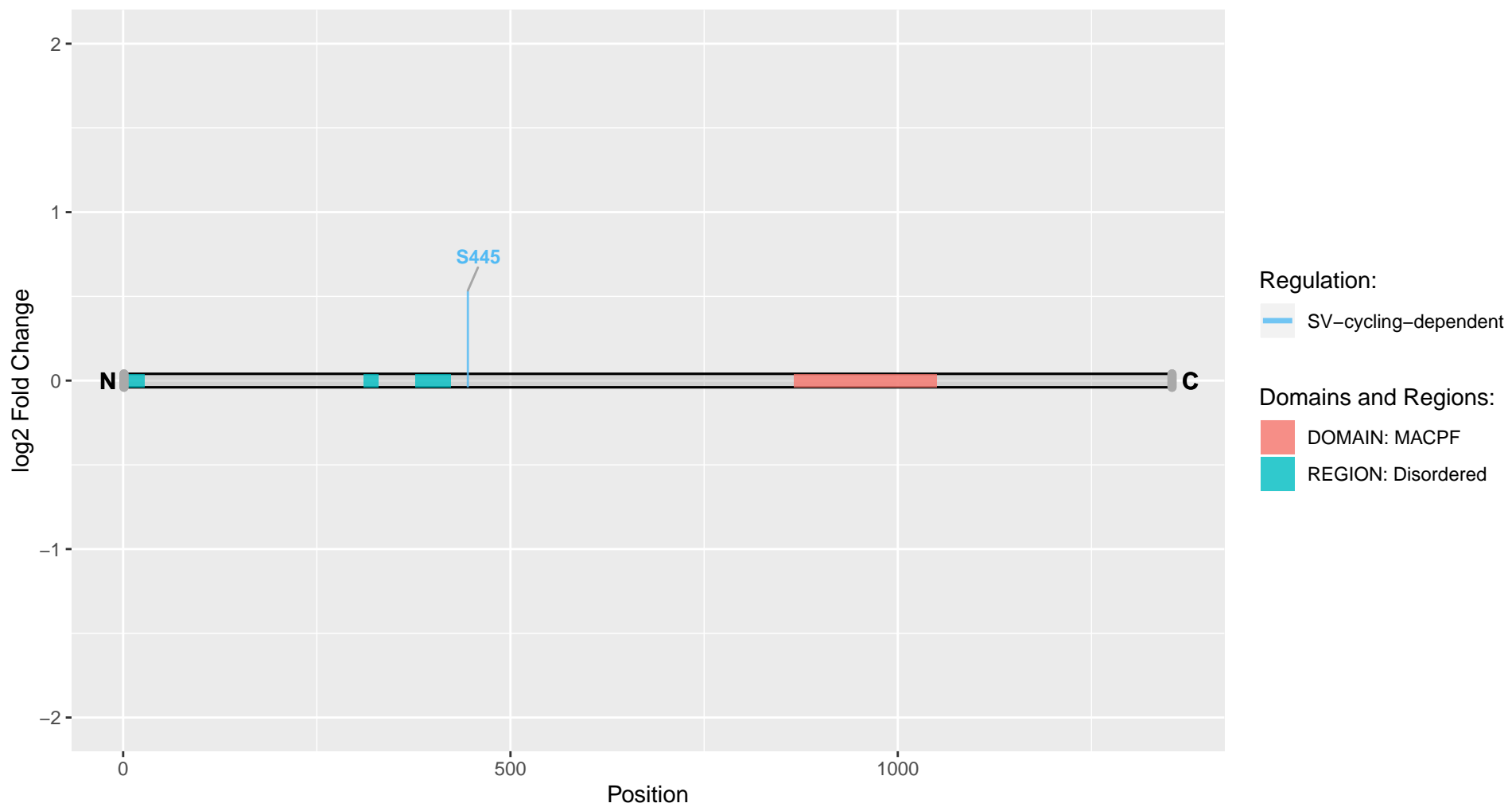
Acid-sensing ion channel 1



Astn2

Uniprot Accession: A0A0G2JYU3

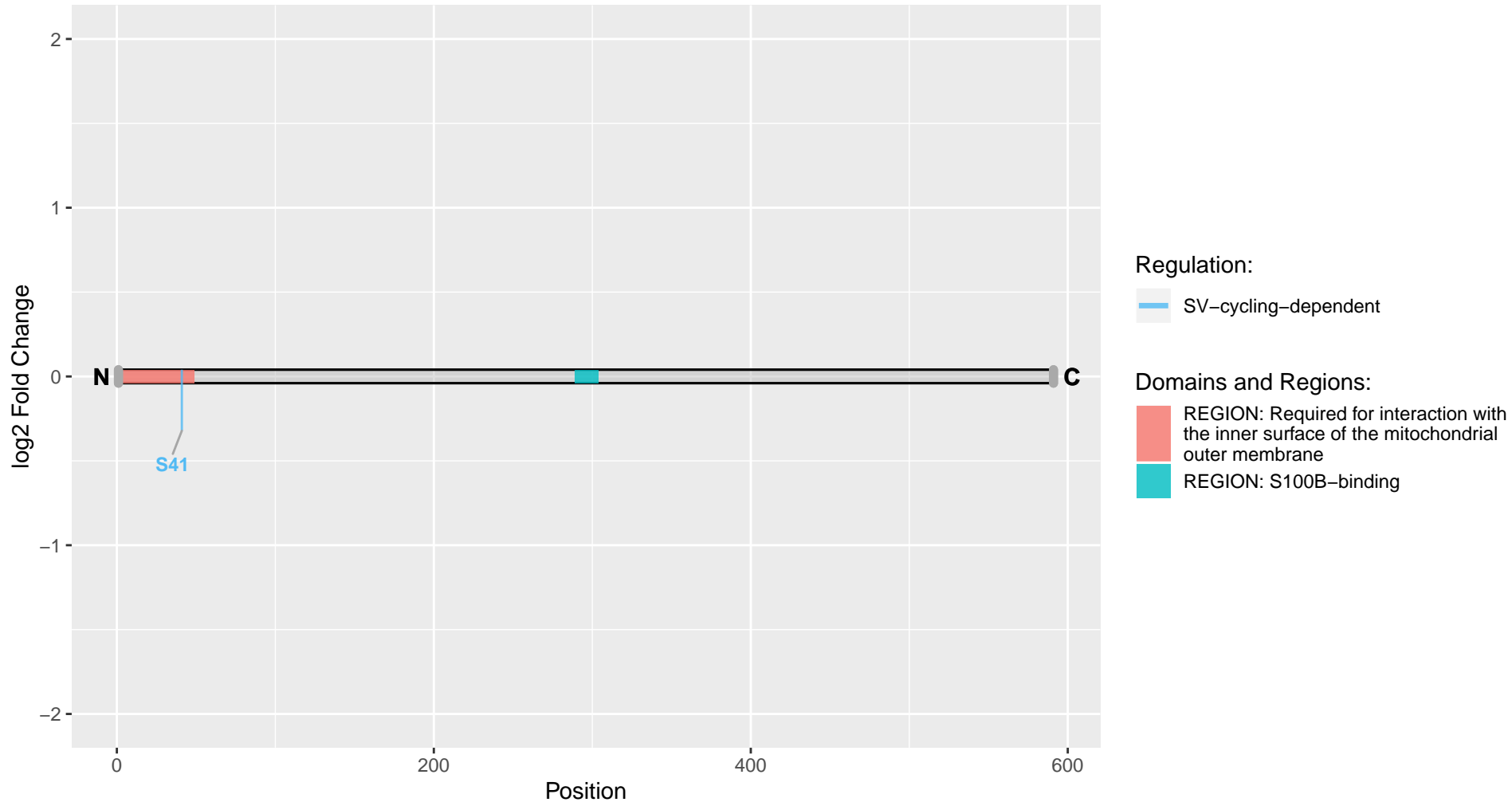
Astrotactin 2



Atad3

Uniprot Accession: Q3KRE0

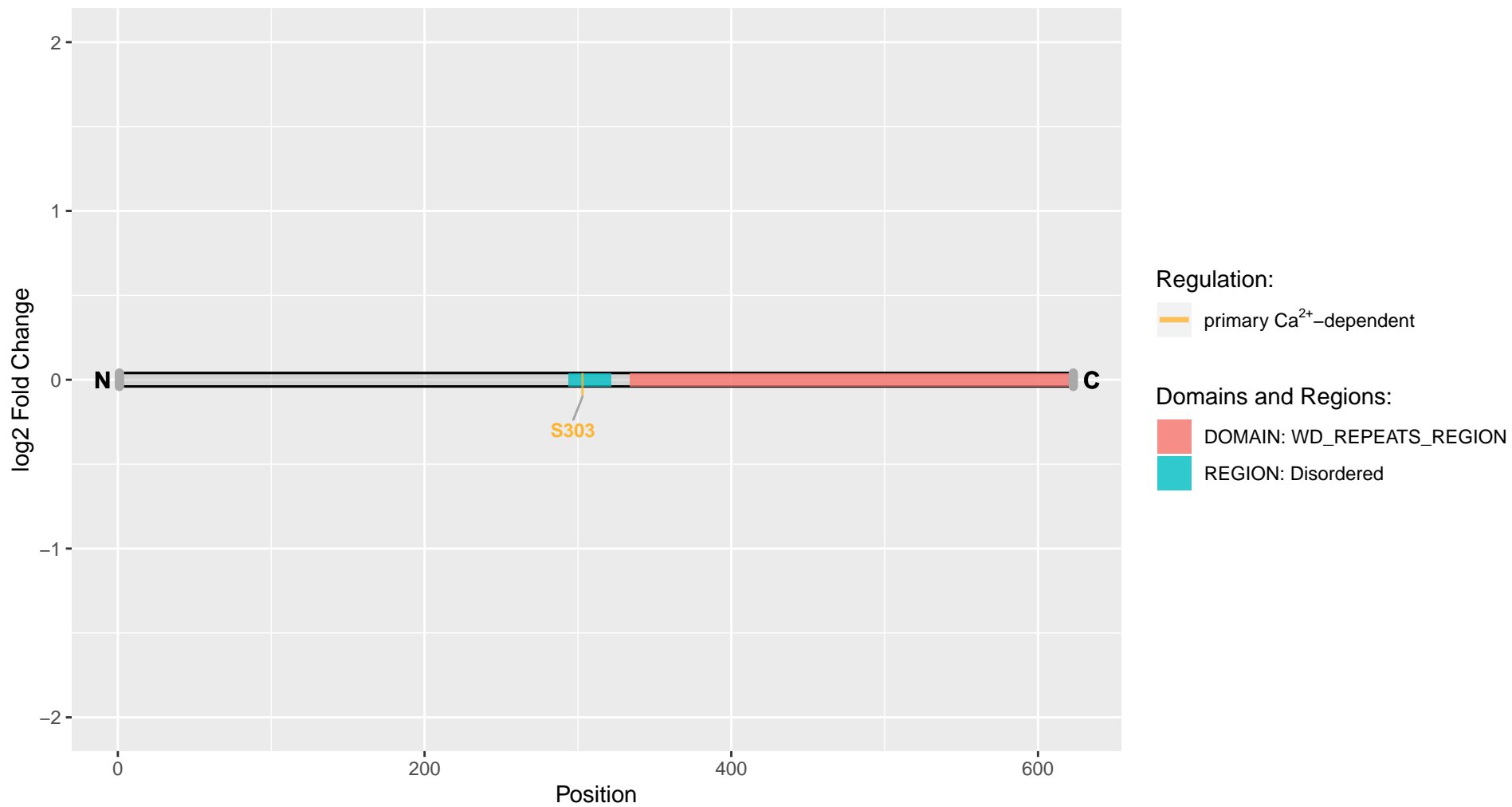
ATPase family AAA domain-containing protein 3



Atg16l1

Uniprot Accession: A0A0G2K9U6

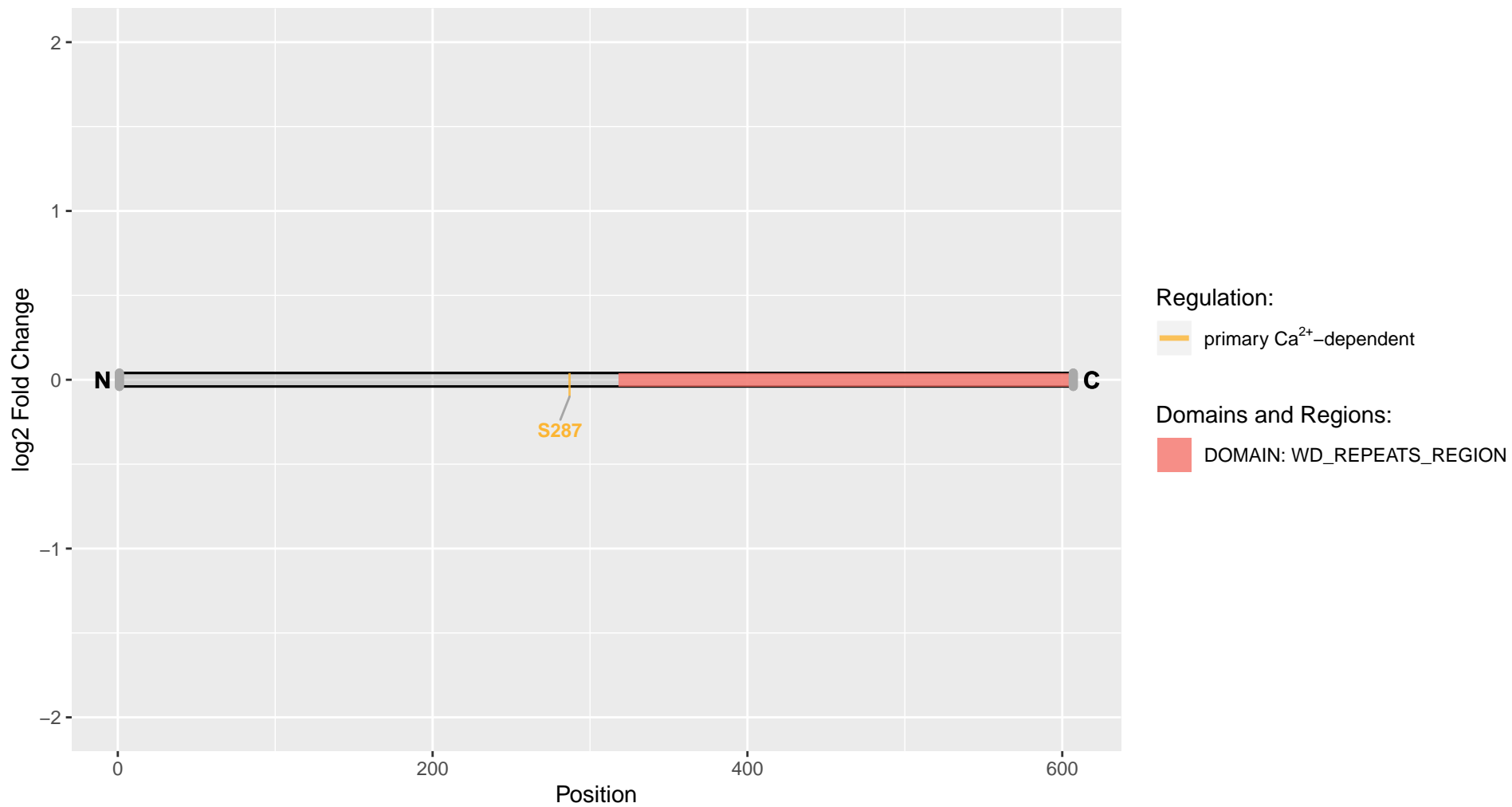
Autophagy-related 16-like 1



Atg16l1

Uniprot Accession: D3ZFK6

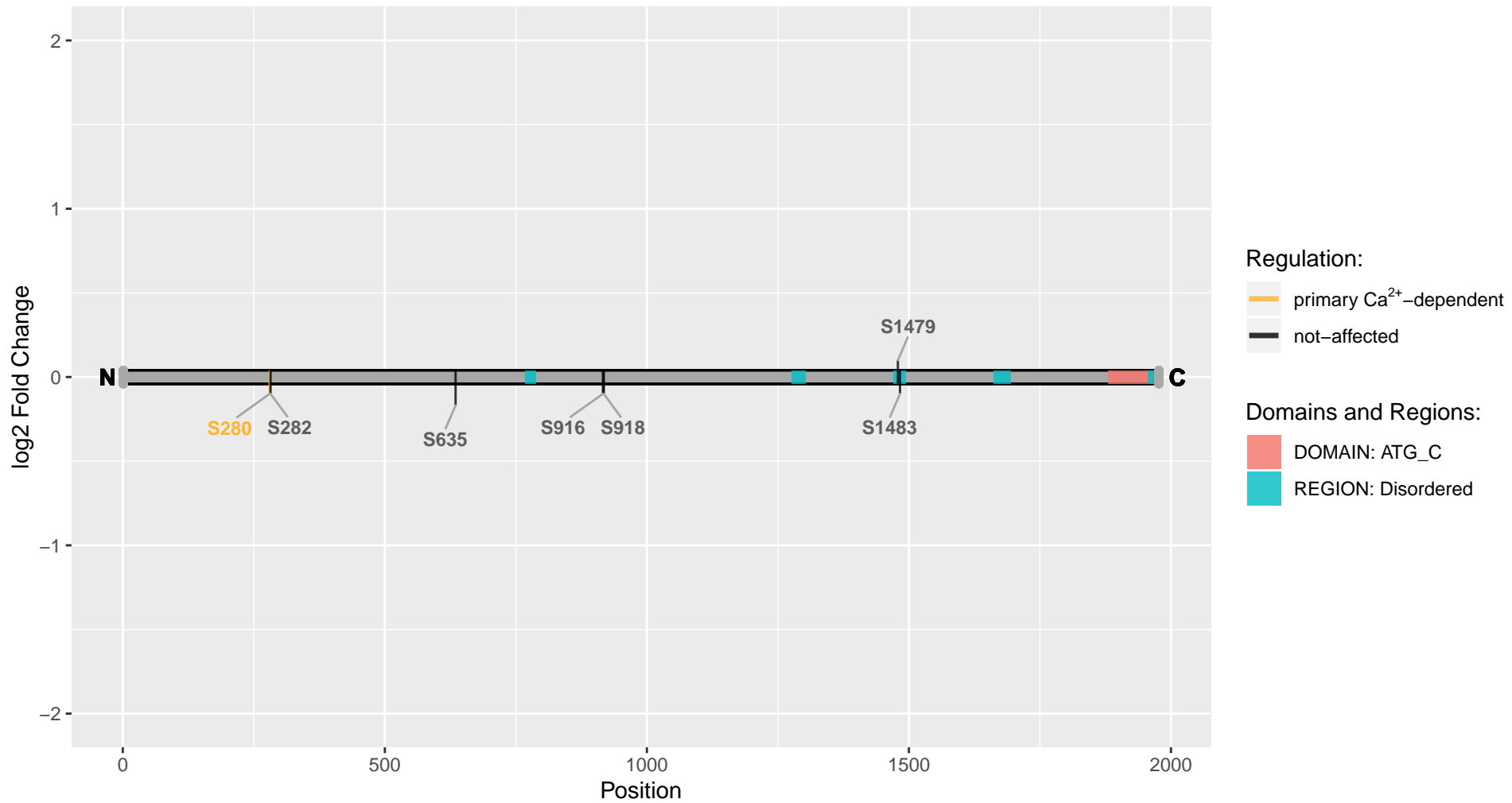
Autophagy-related 16-like 1



Atg2b

Uniprot Accession: F1MAF8

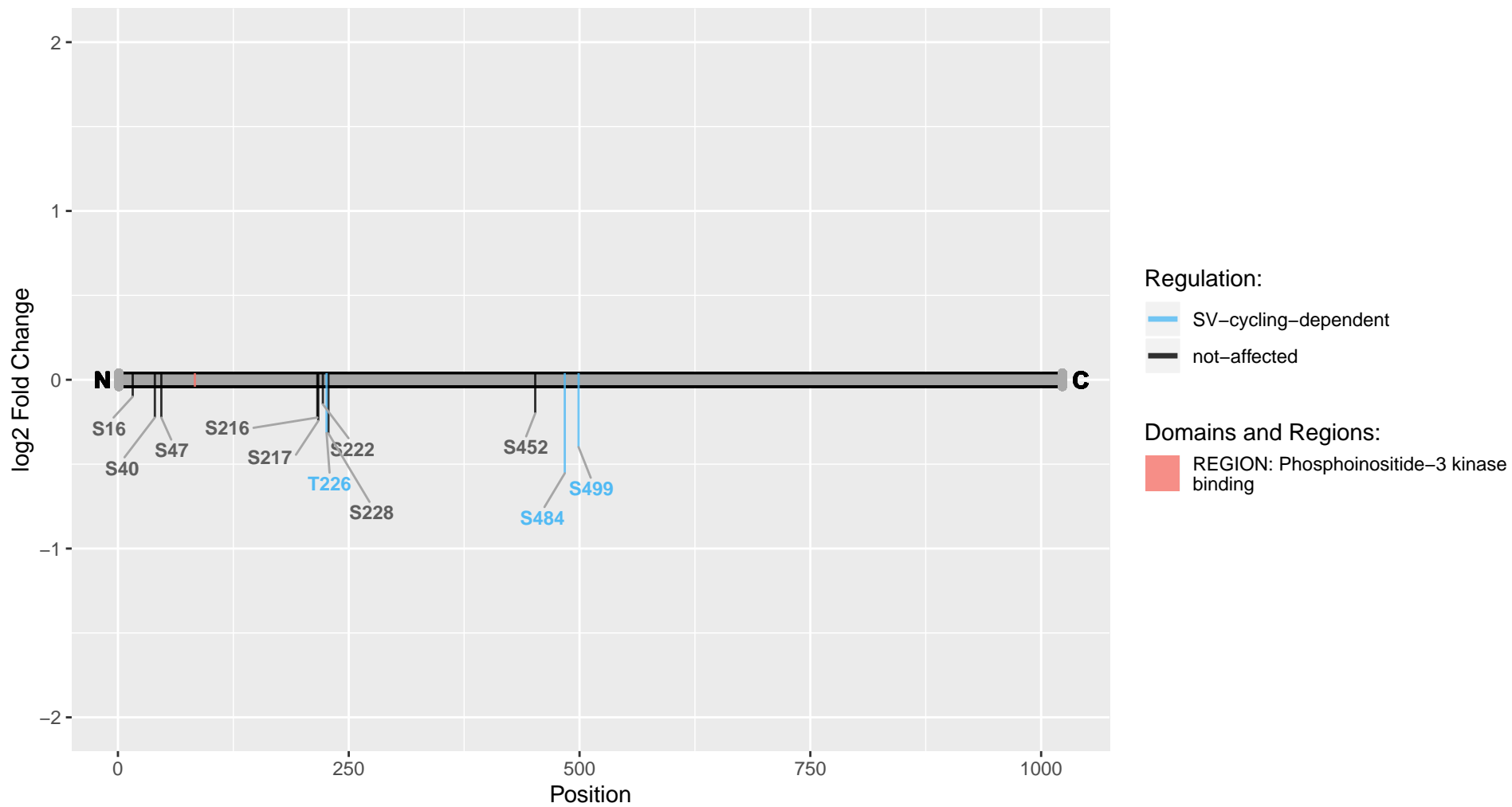
Autophagy related 2B



Atp1a1

Uniprot Accession: P06685

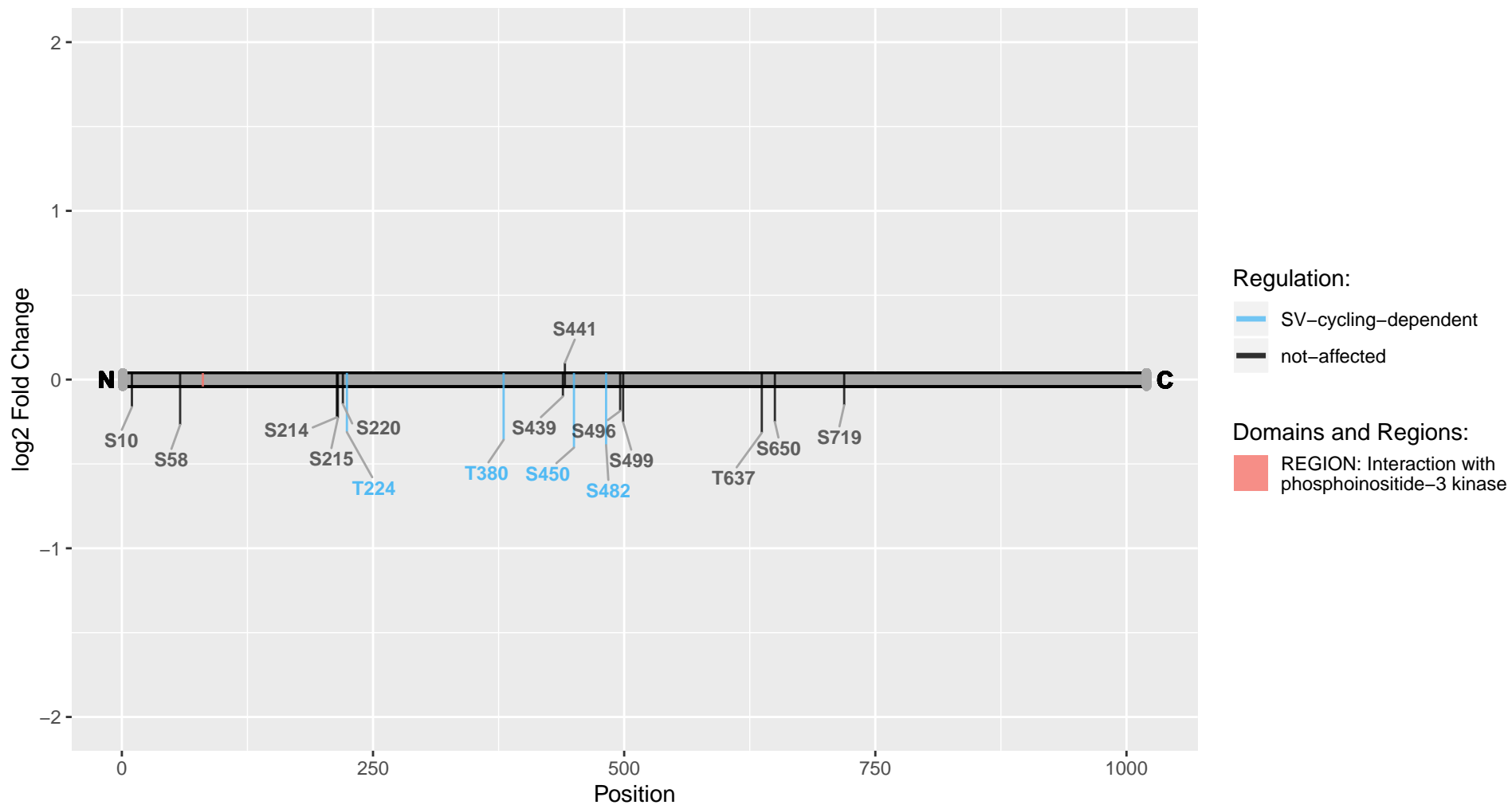
Sodium/potassium-transporting ATPase subunit alpha-1



Atp1a2

Uniprot Accession: P06686

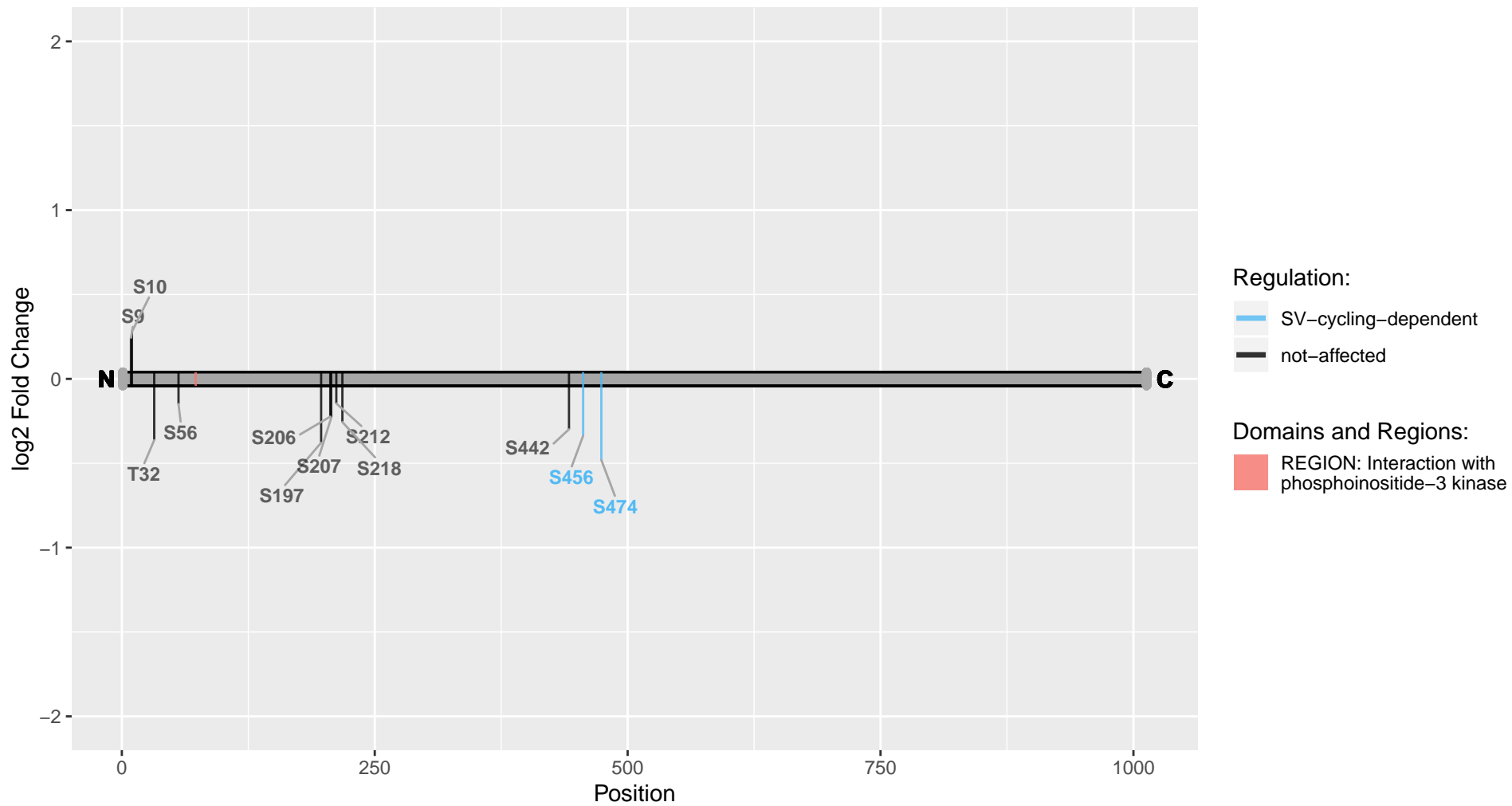
Sodium/potassium-transporting ATPase subunit alpha-2



Atp1a3

Uniprot Accession: P06687

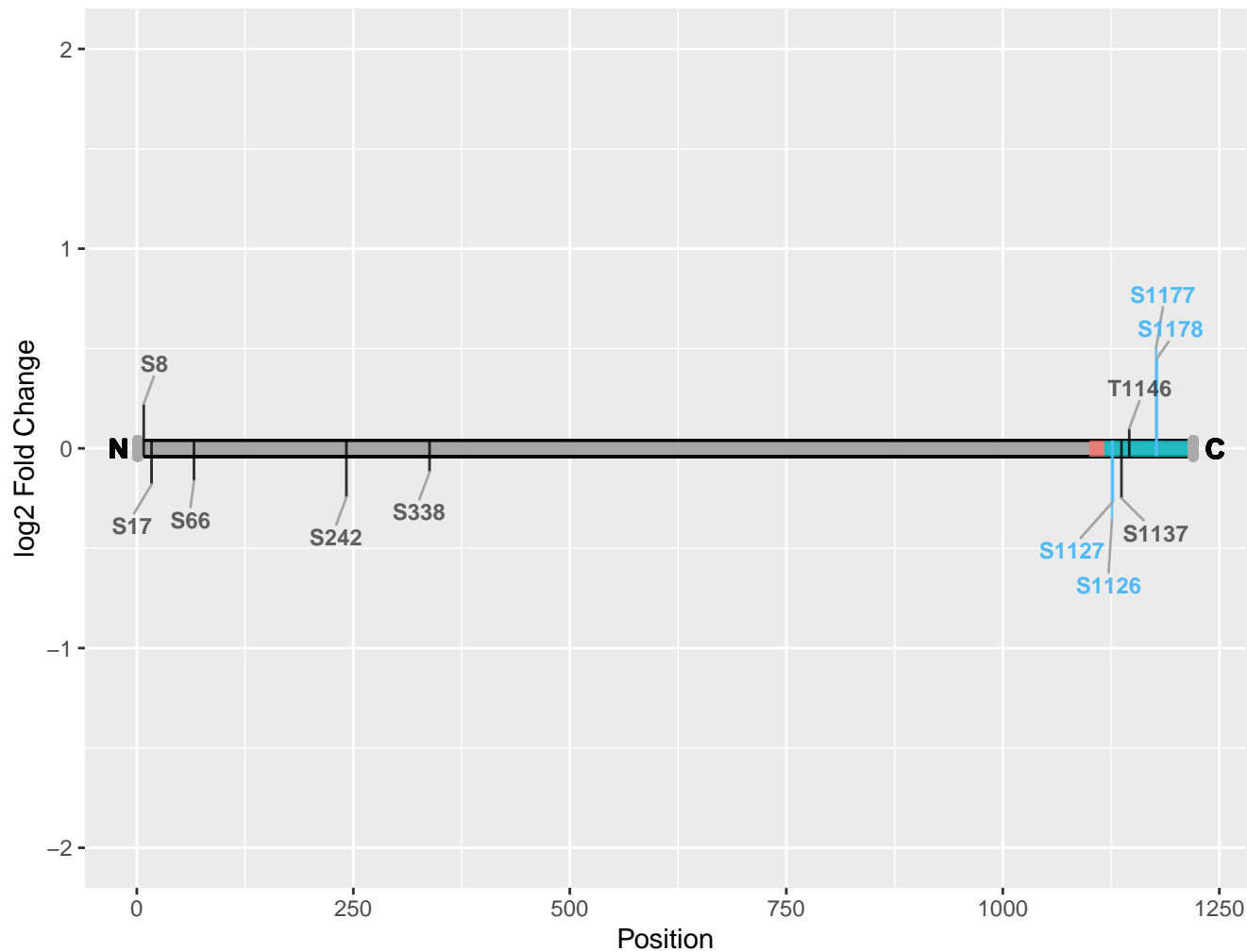
Sodium/potassium-transporting ATPase subunit alpha-3



Atp2b1

Uniprot Accession: P11505

Plasma membrane calcium-transporting ATPase 1



Regulation:

- SV-cycling-dependent
- not-affected

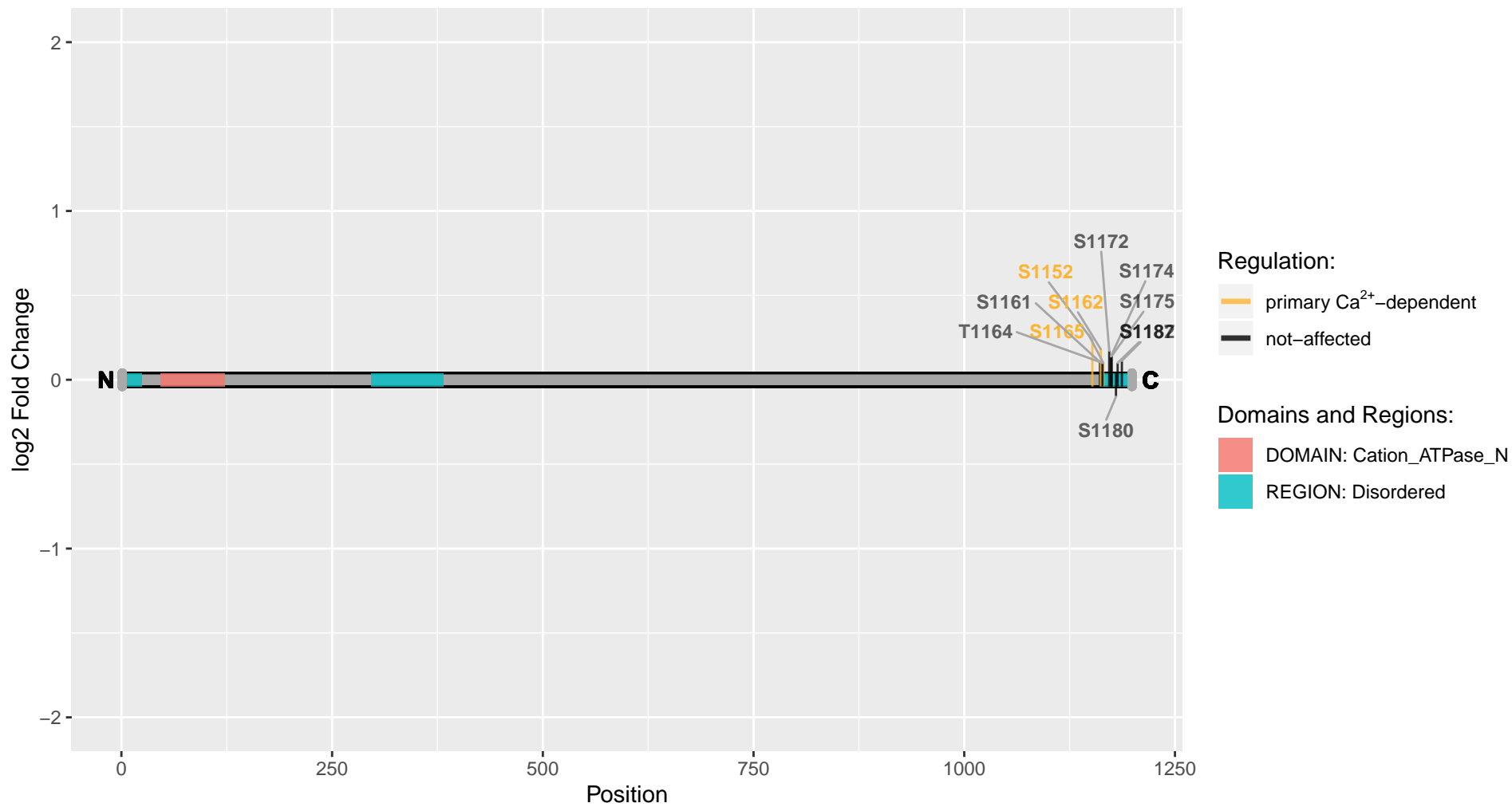
Domains and Regions:

- REGION: Calmodulin-binding subdomain A
- REGION: Required for basolateral membrane targeting

Atp2b2

Uniprot Accession: D4A8B3

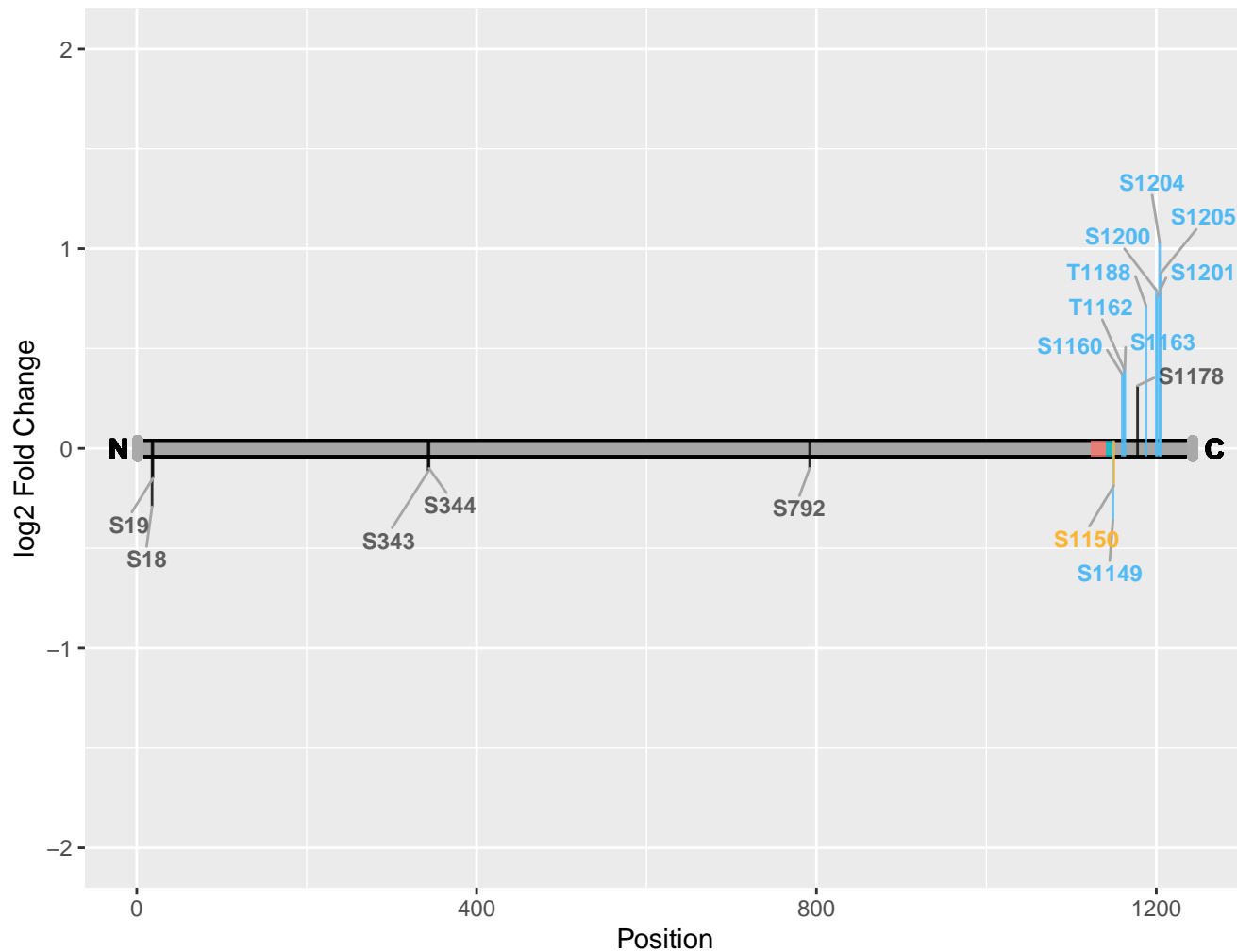
Calcium-transporting ATPase



Atp2b2

Uniprot Accession: P11506

Plasma membrane calcium-transporting ATPase 2



Regulation:

- primary Ca²⁺-dependent
- SV-cycling-dependent
- not-affected

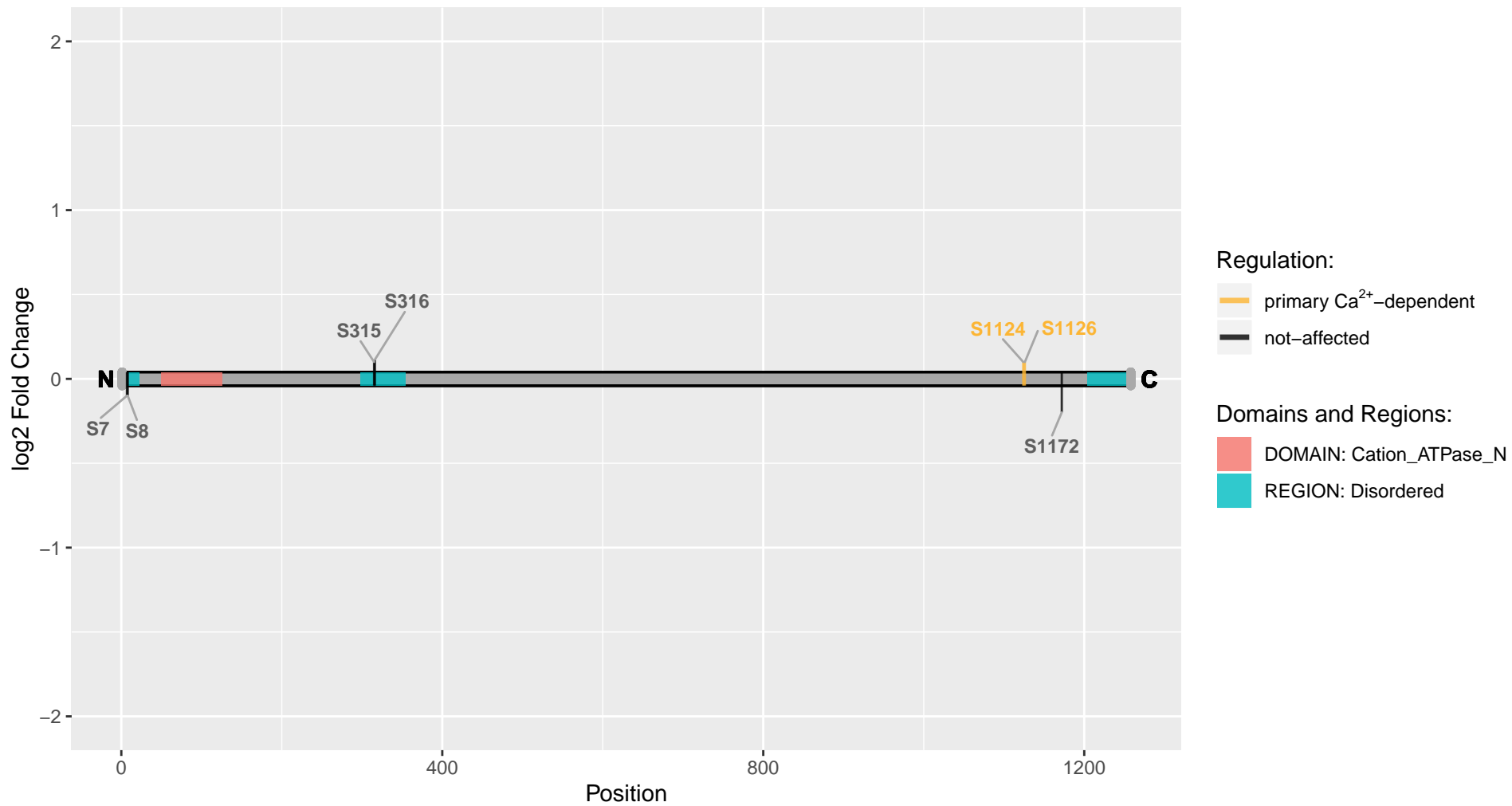
Domains and Regions:

- REGION: Calmodulin-binding subdomain A
- REGION: Calmodulin-binding subdomain B

Atp2b3

Uniprot Accession: A0A0G2K9Q6

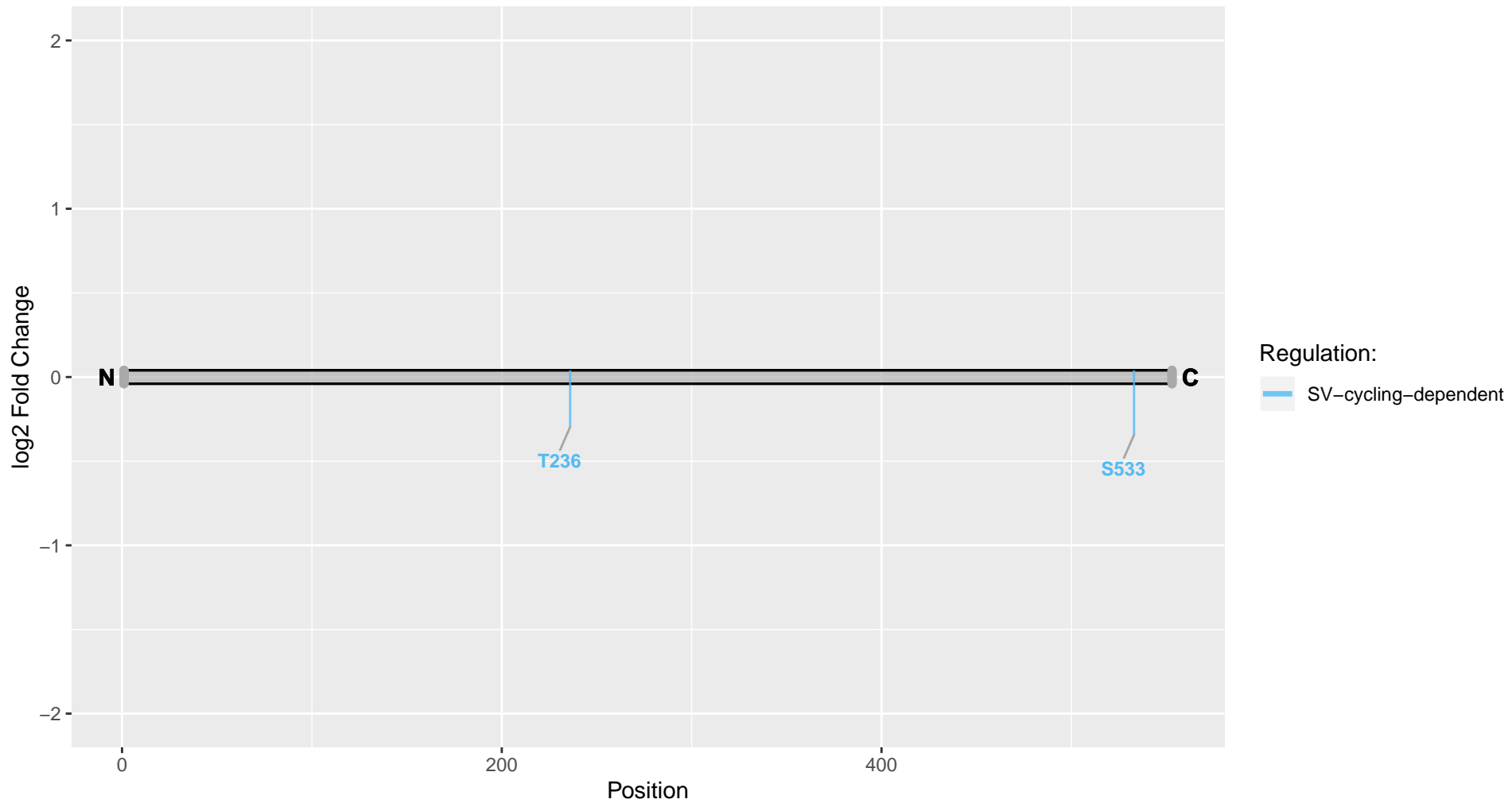
Calcium-transporting ATPase



Atp5f1a

Uniprot Accession: P15999

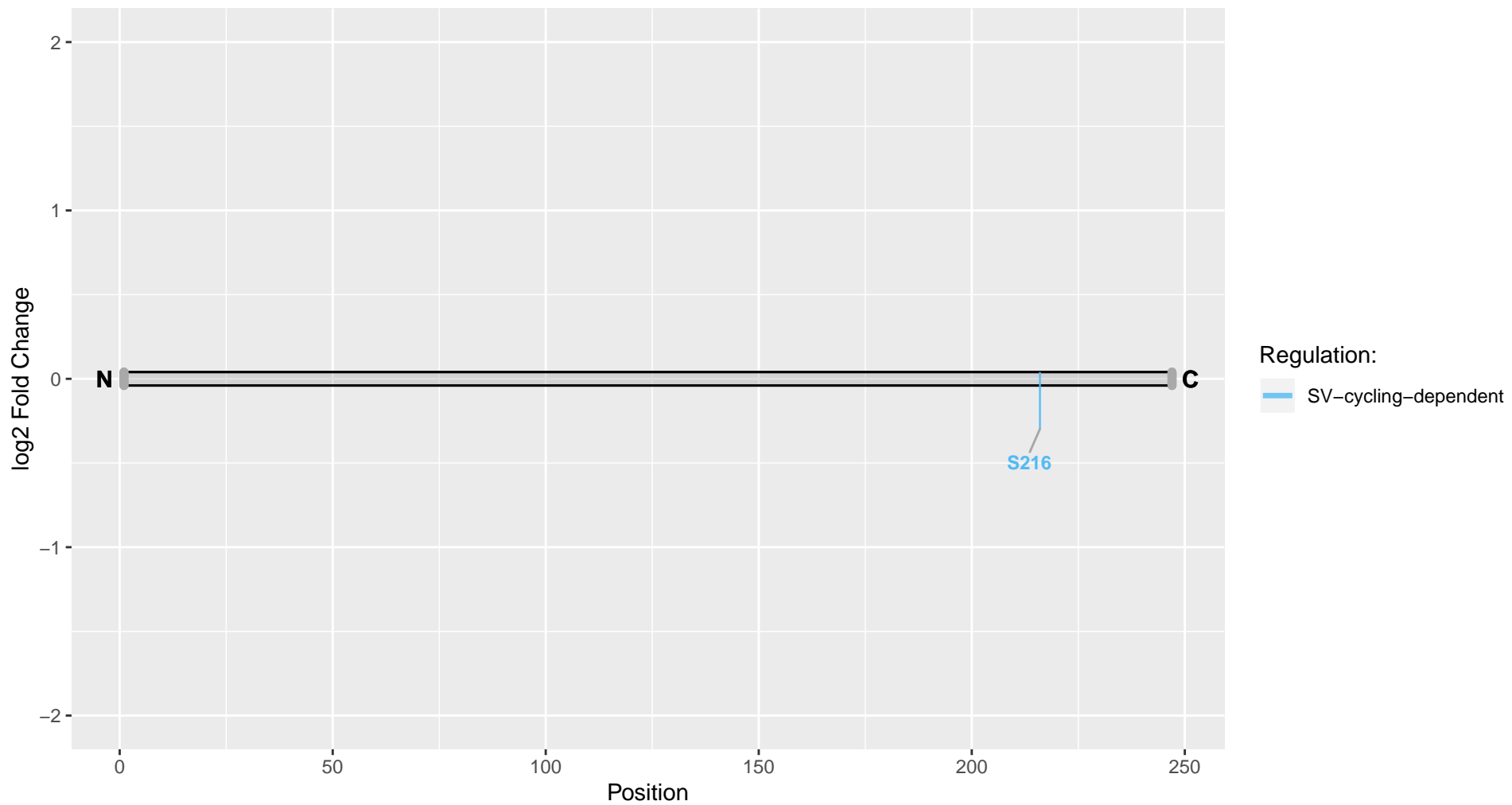
ATP synthase subunit alpha, mitochondrial



Atp6v1d

Uniprot Accession: Q6P503

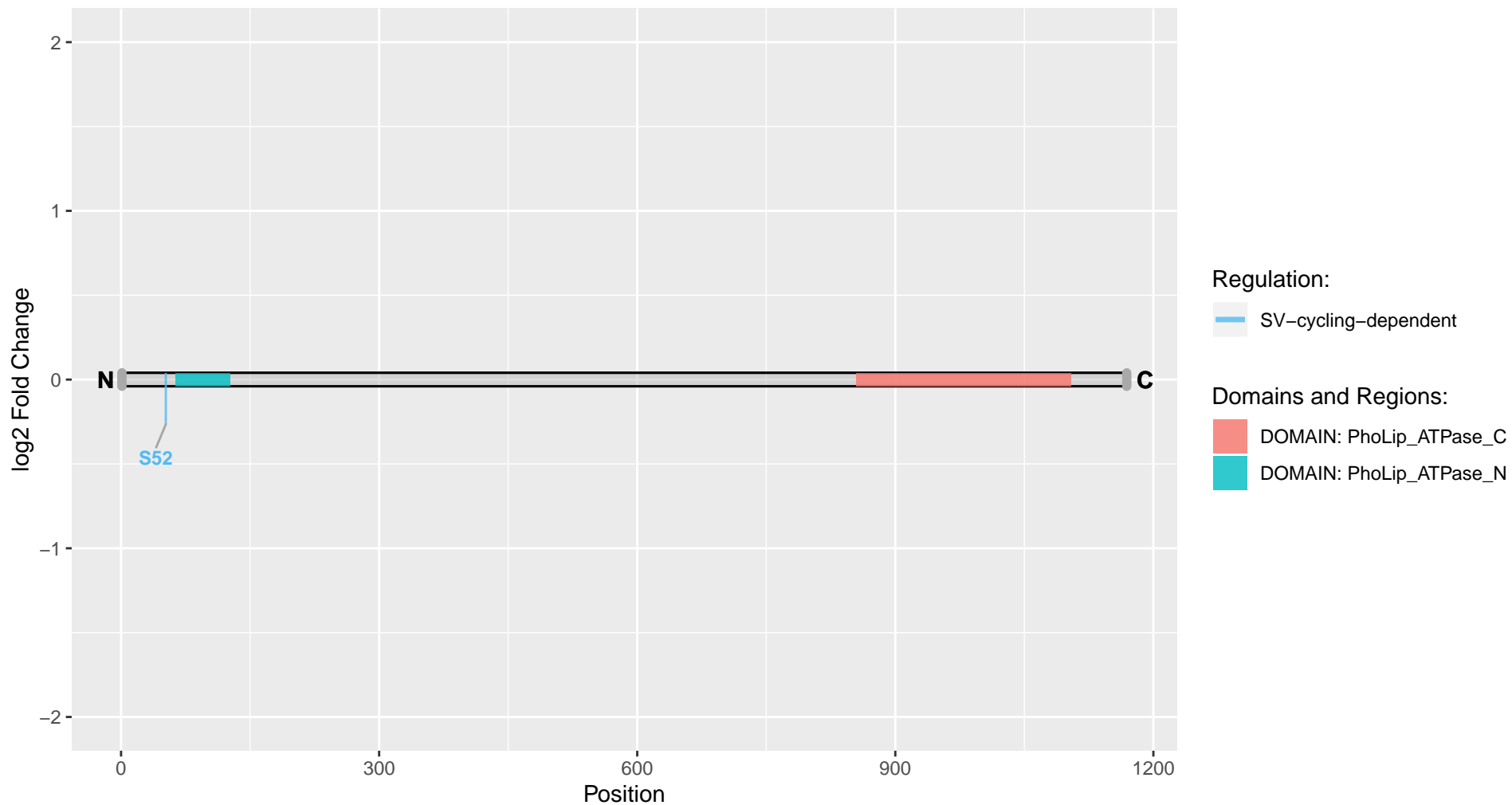
ATPase H⁺-transporting V1 subunit D



Atp8a2

Uniprot Accession: D4A3X6

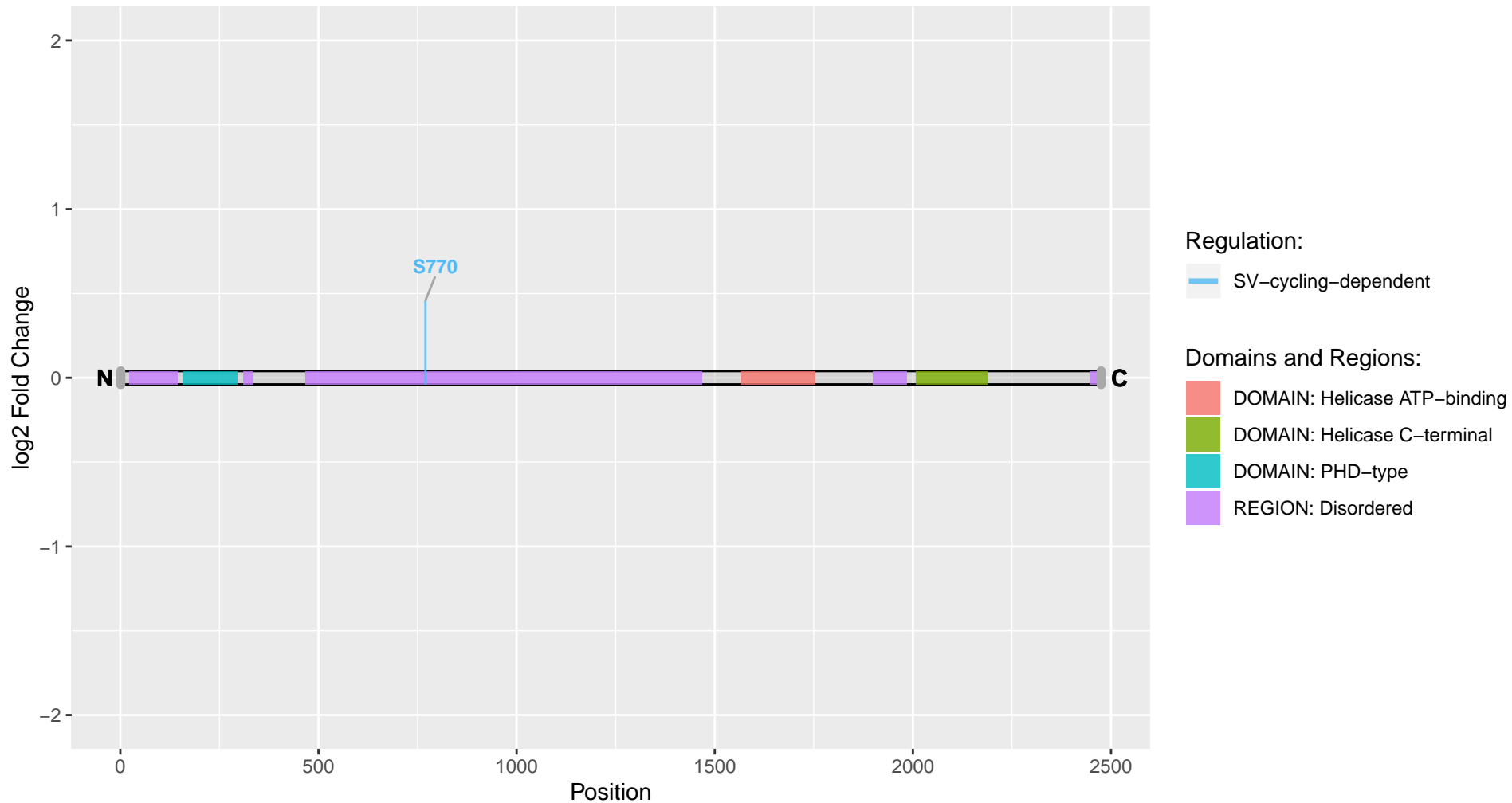
Phospholipid-transporting ATPase



Atrx

Uniprot Accession: A0A0G2JXZ3

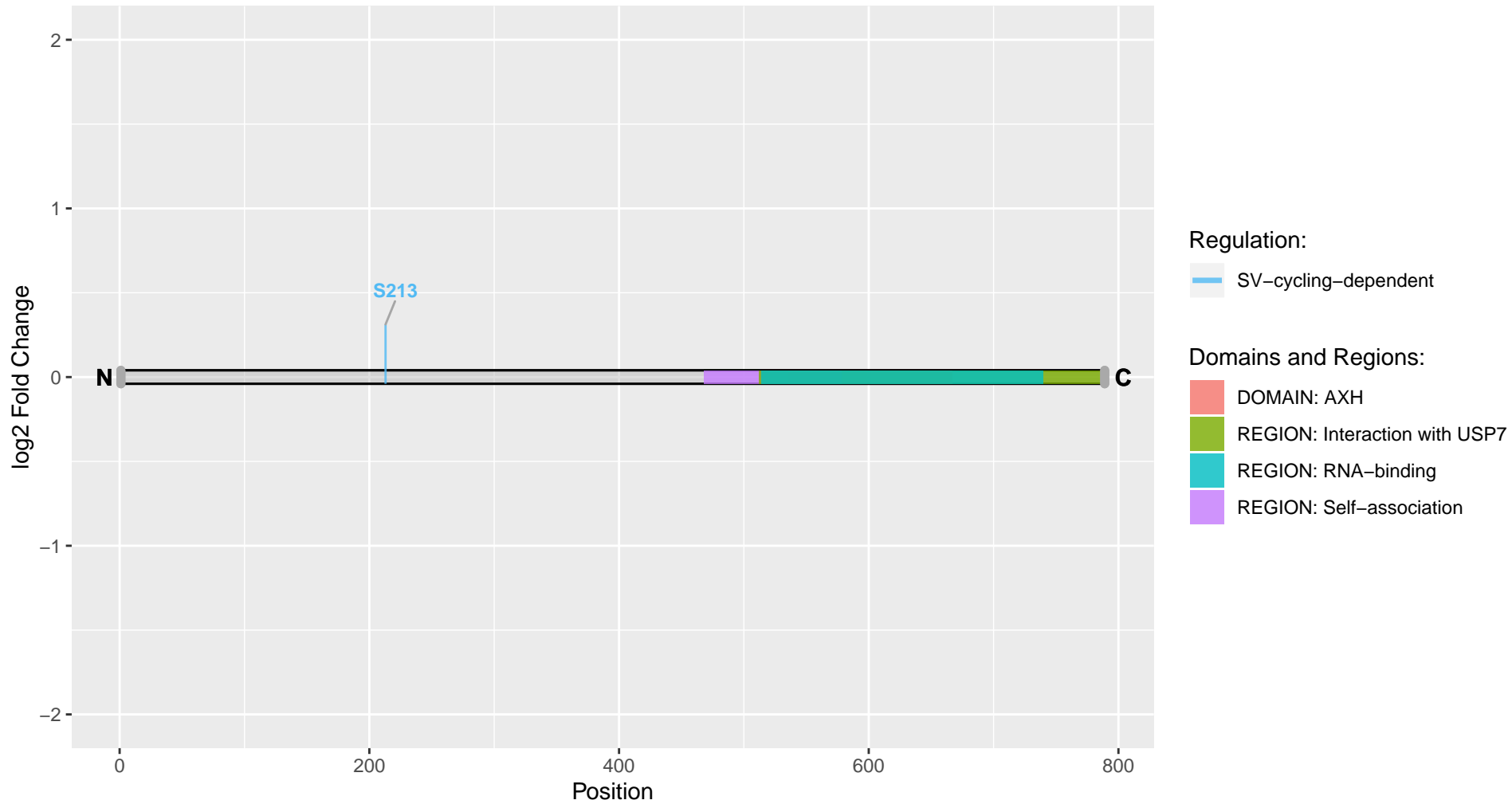
Transcriptional regulator ATRX



Atxn1

Uniprot Accession: Q63540

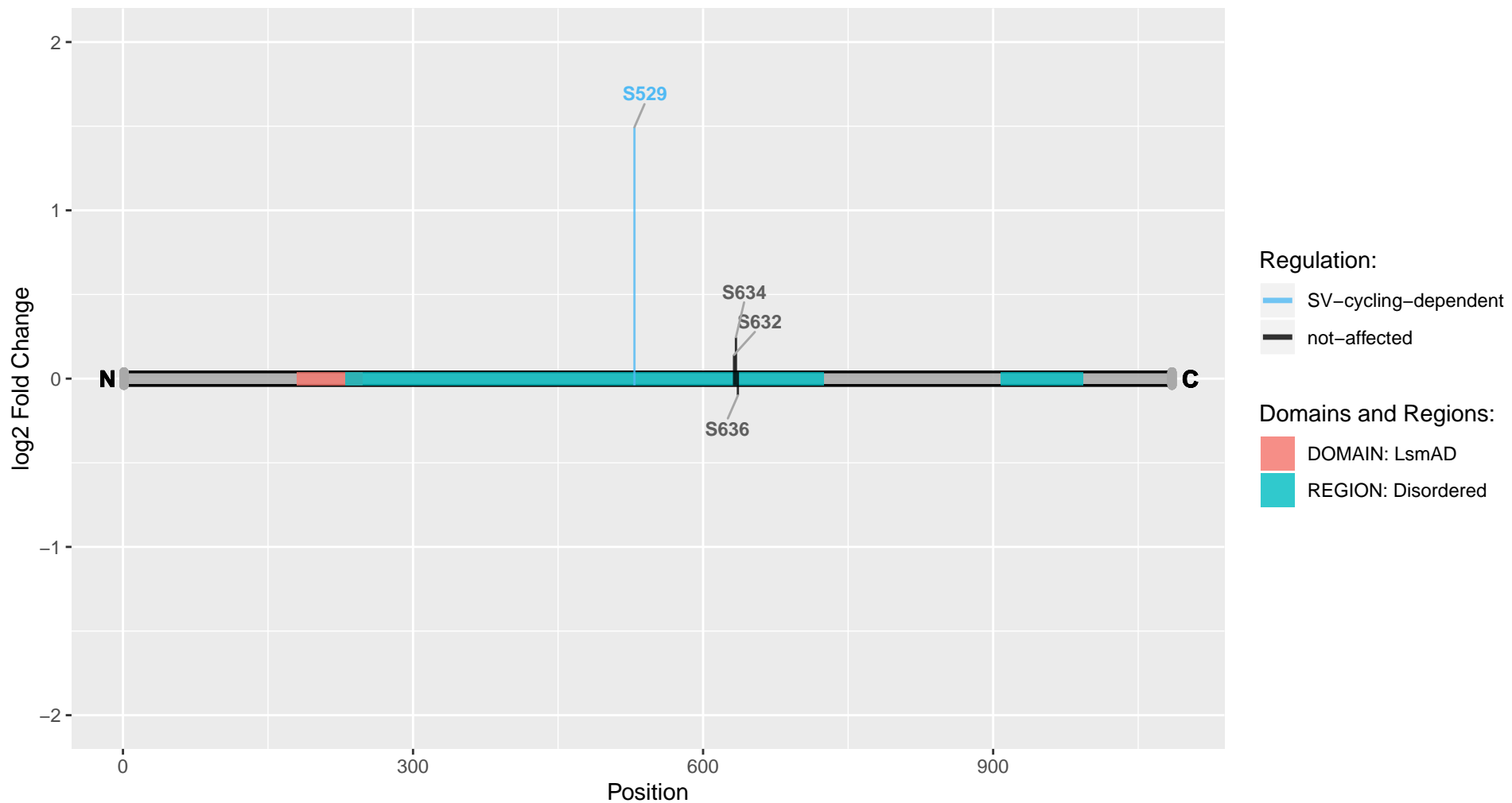
Ataxin-1



Atxn2

Uniprot Accession: F1M049

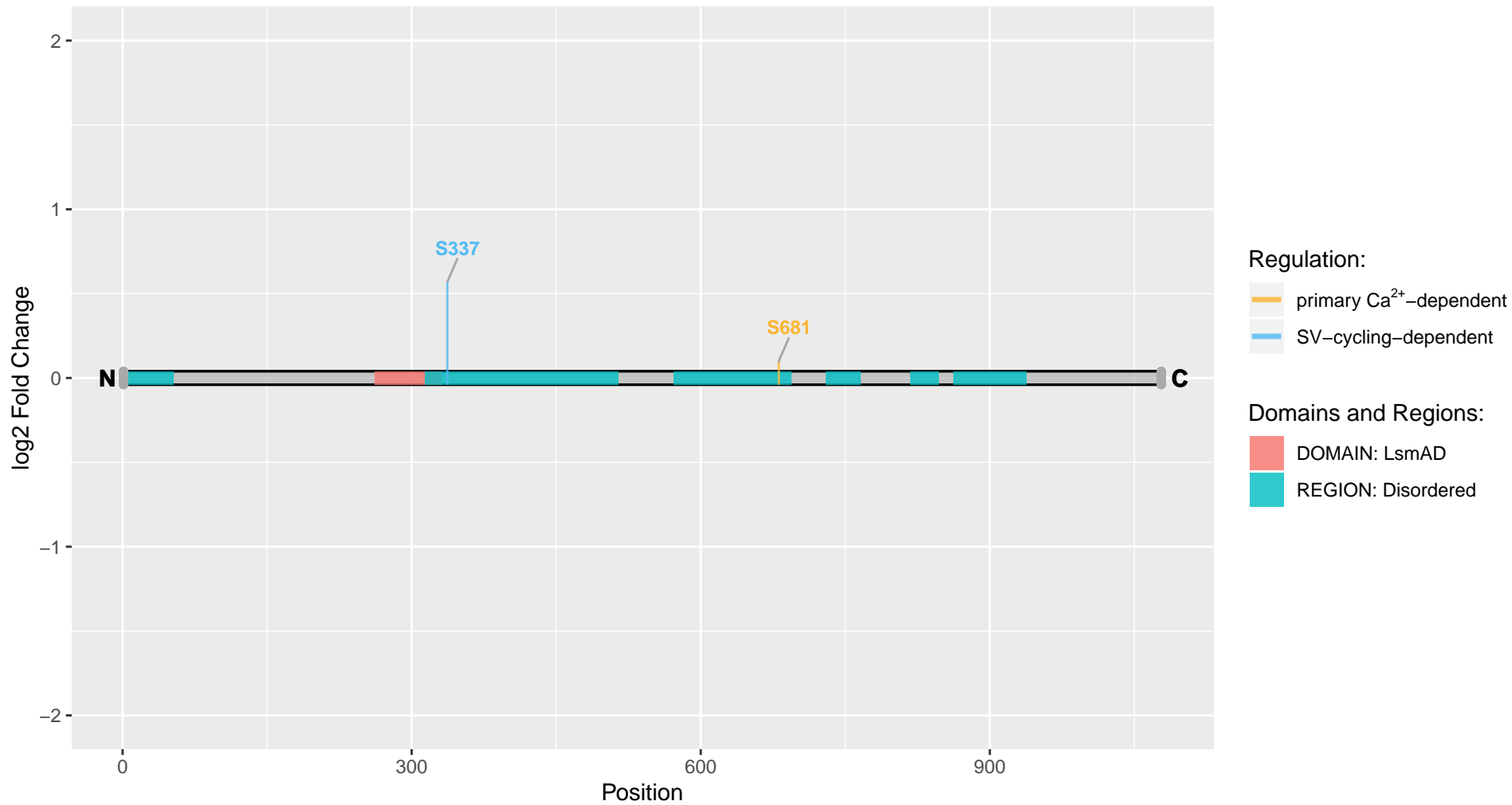
Ataxin 2



Atxn2l

Uniprot Accession: A0A0G2JYE0

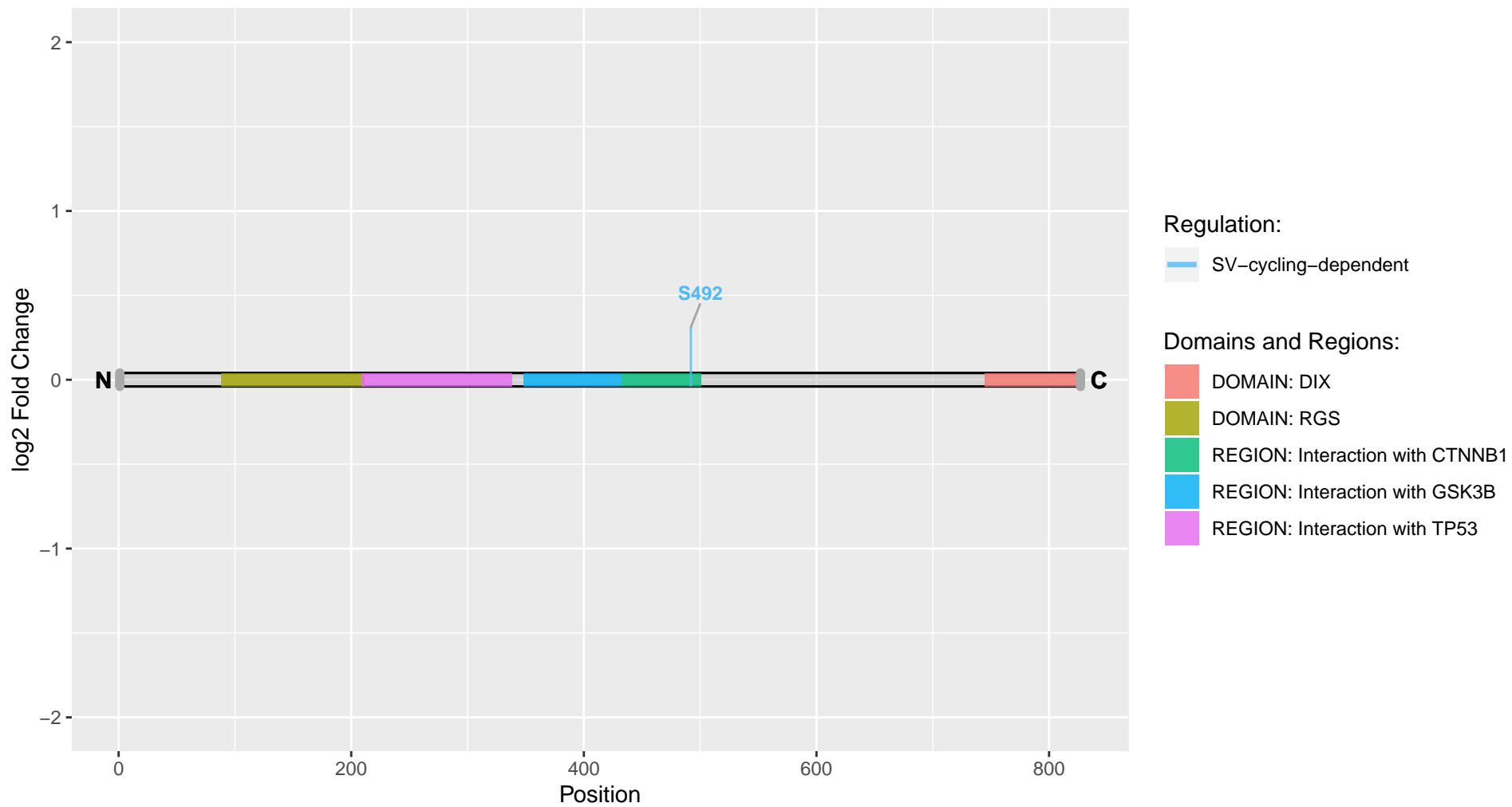
Ataxin 2-like



Axin1

Uniprot Accession: O70239

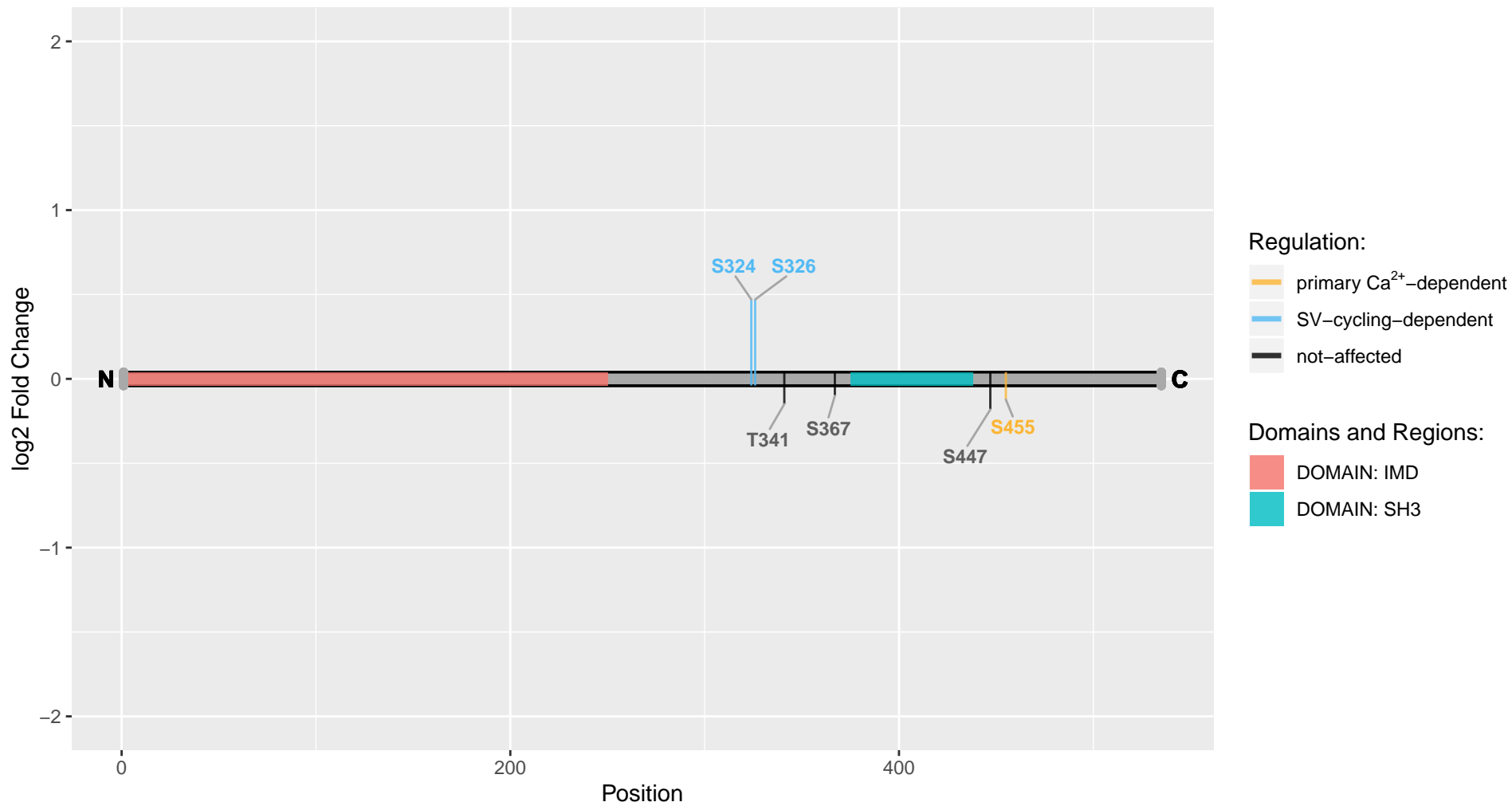
Axin-1



Baiap2

Uniprot Accession: Q6GMN2

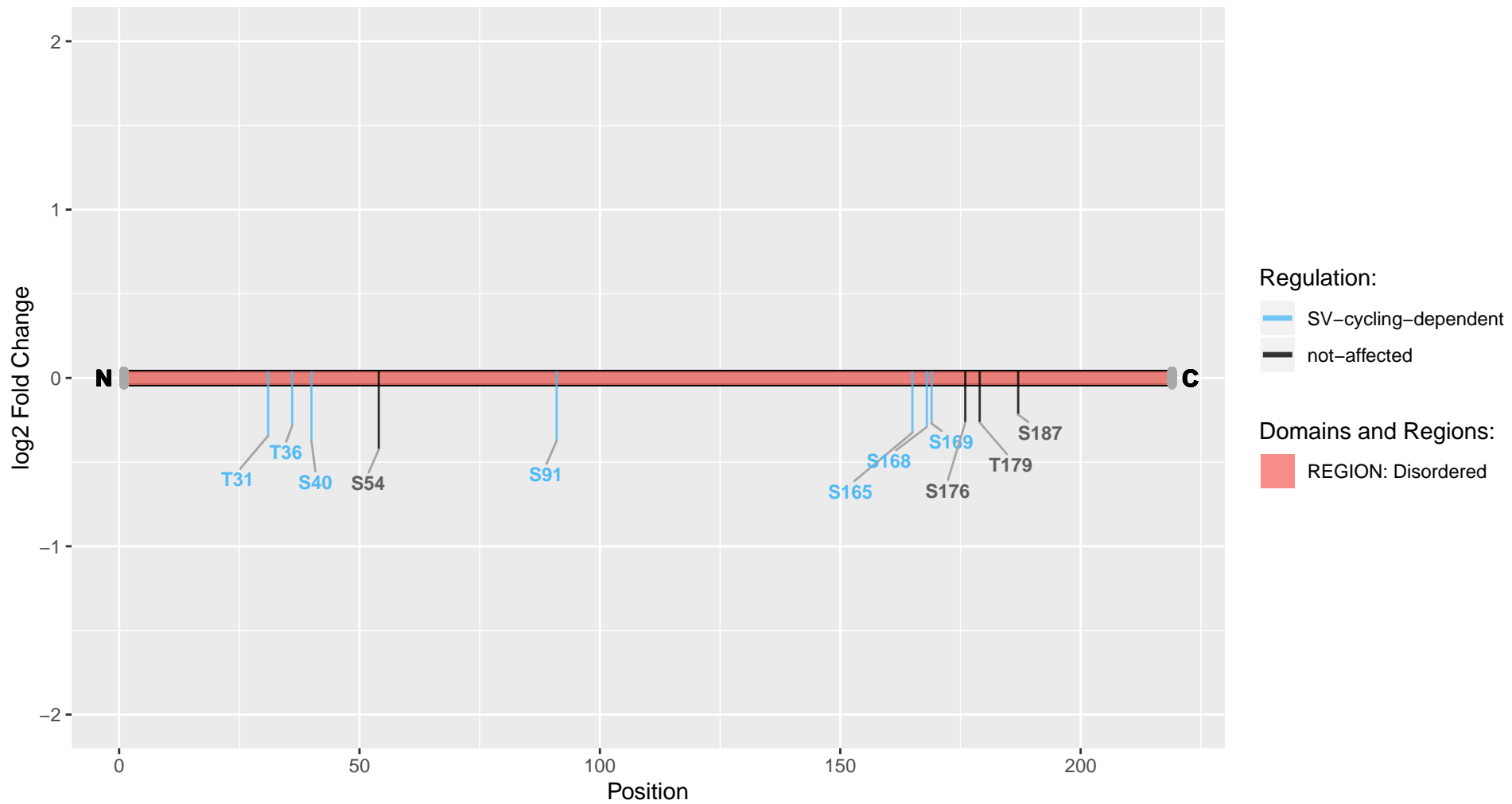
Brain-specific angiogenesis inhibitor 1-associated protein 2



Basp1

Uniprot Accession: A0A0G2K1L8

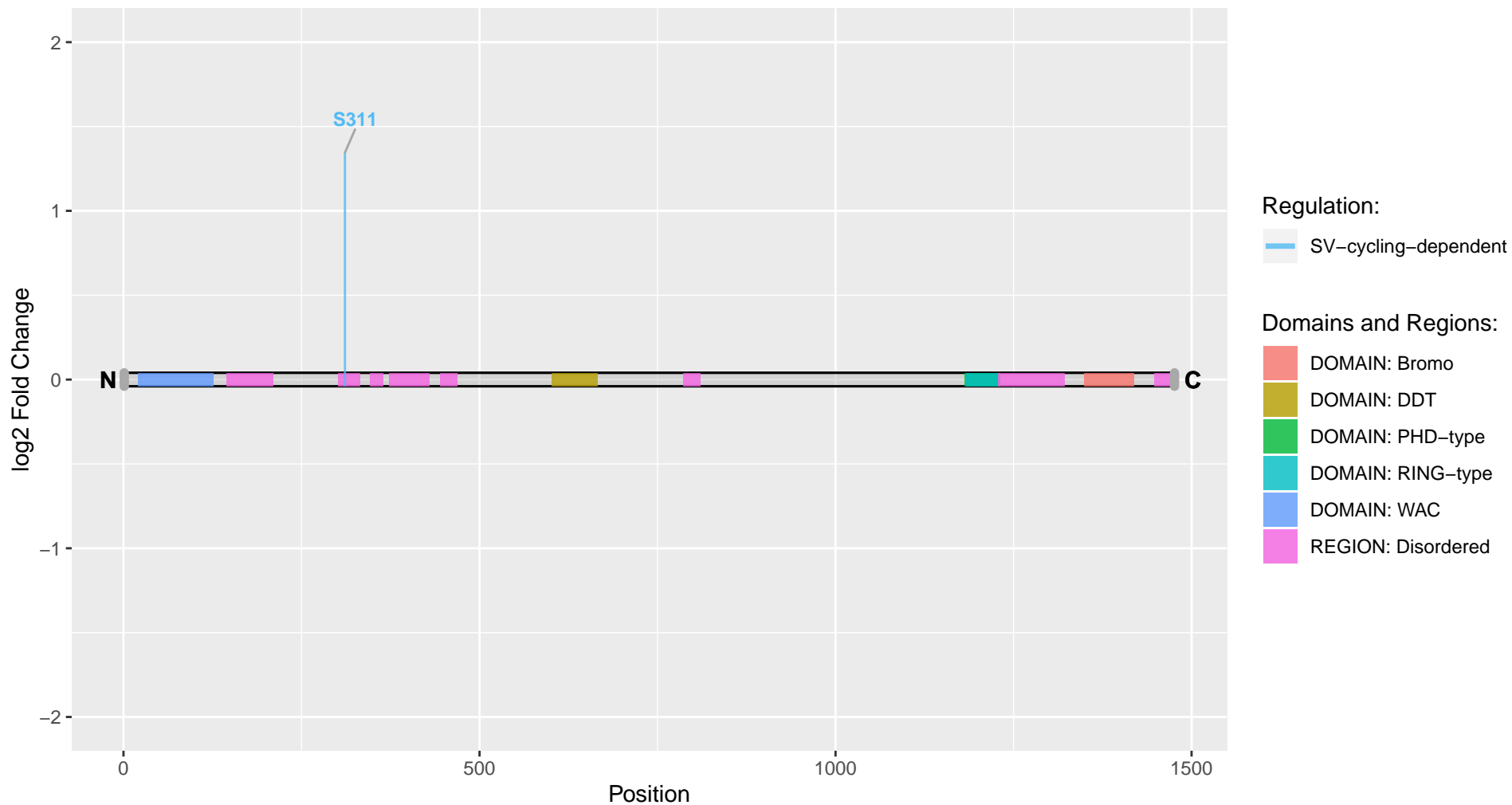
Brain acid soluble protein 1



Baz1b

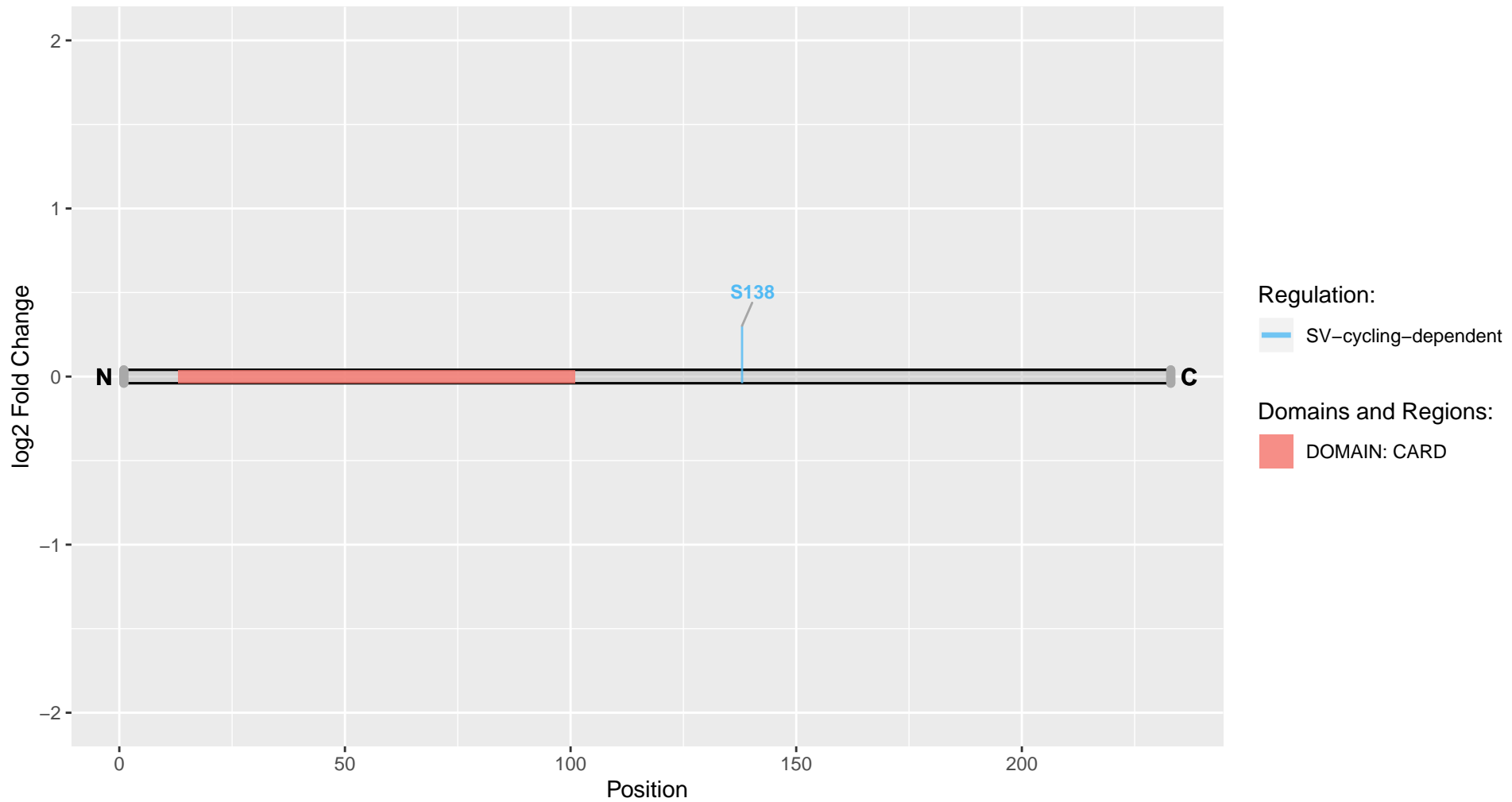
Uniprot Accession: G3V661

Bromodomain adjacent to zinc finger domain protein 1B



Bcl10

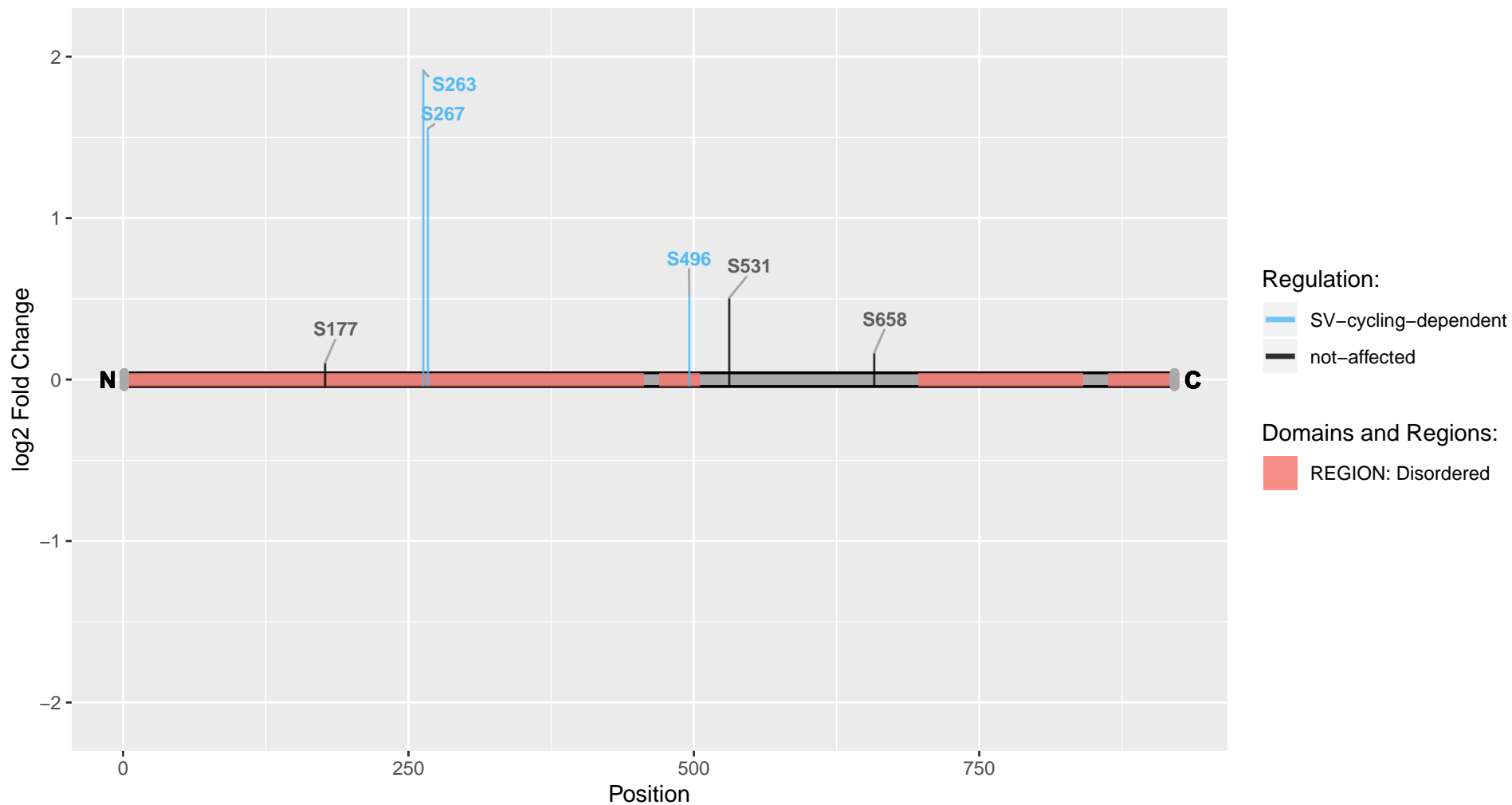
Uniprot Accession: Q9QYN5
B-cell lymphoma/leukemia 10



Bclaf1

Uniprot Accession: B1WC16

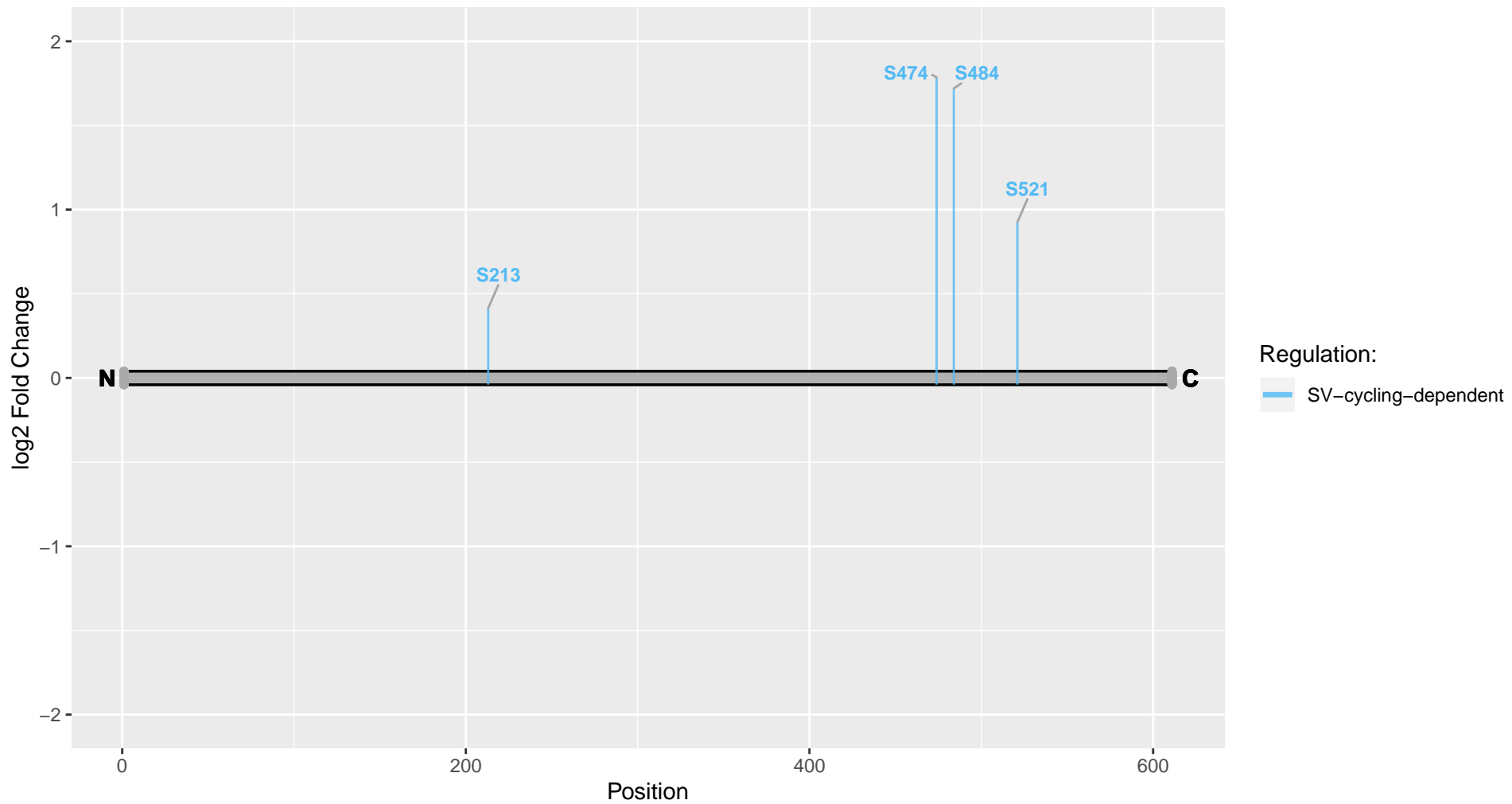
BCL2-associated transcription factor 1, isoform CRA_a



Begin

Uniprot Accession: O88881

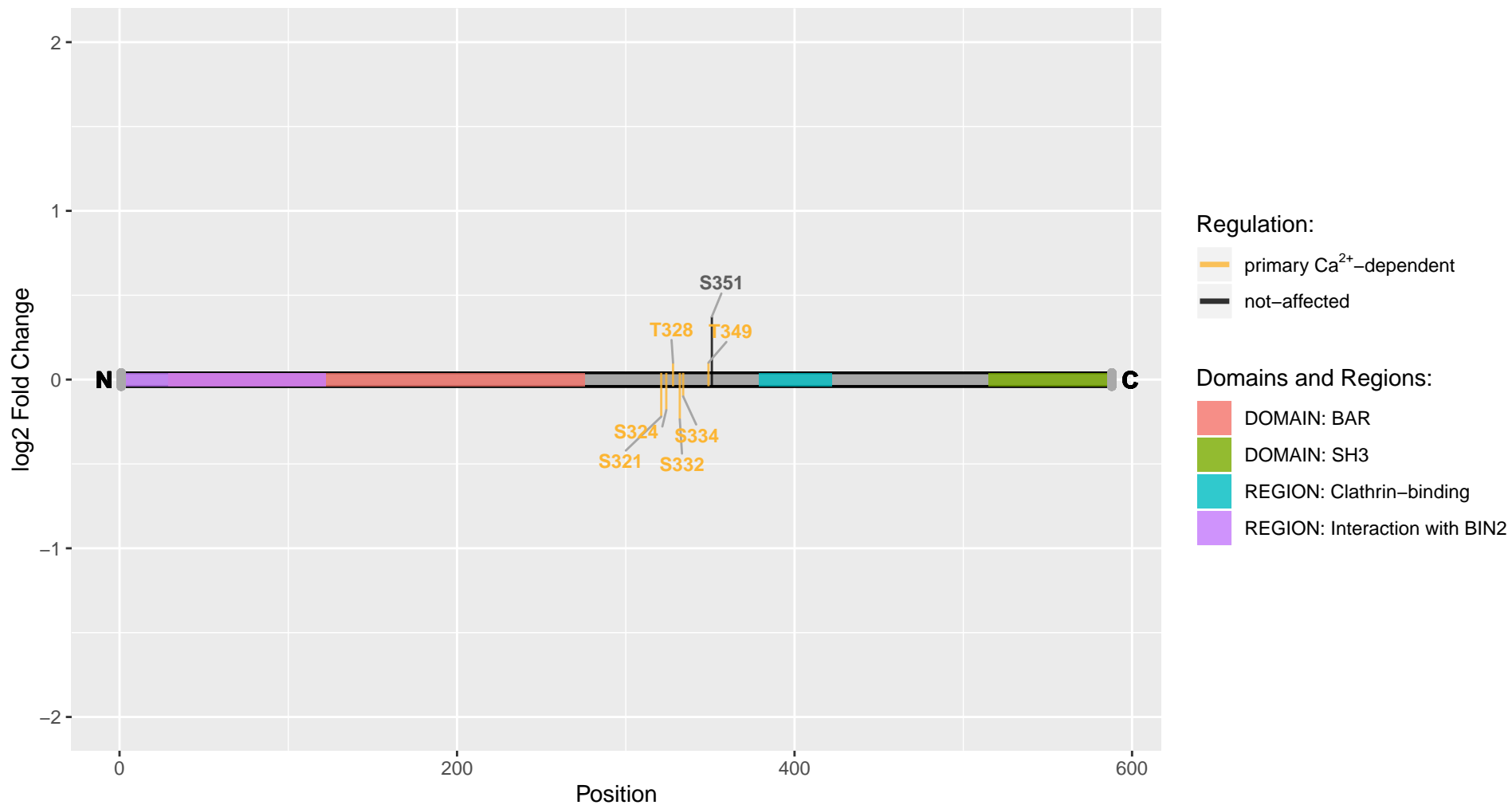
Brain-enriched guanylate kinase-associated protein



Bin1

Uniprot Accession: O08839

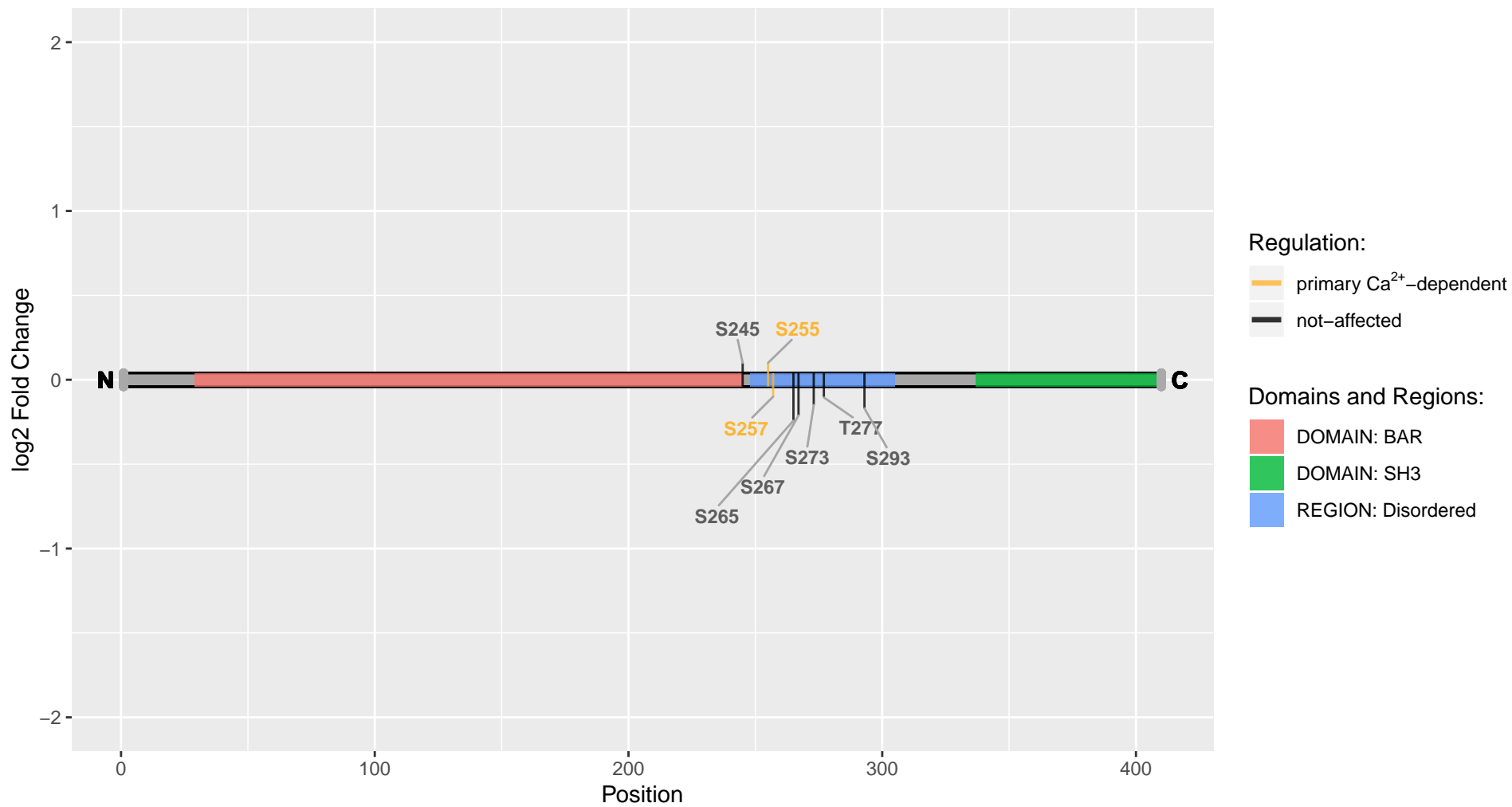
Myc box-dependent-interacting protein 1



Bin1

Uniprot Accession: Q5HZA7

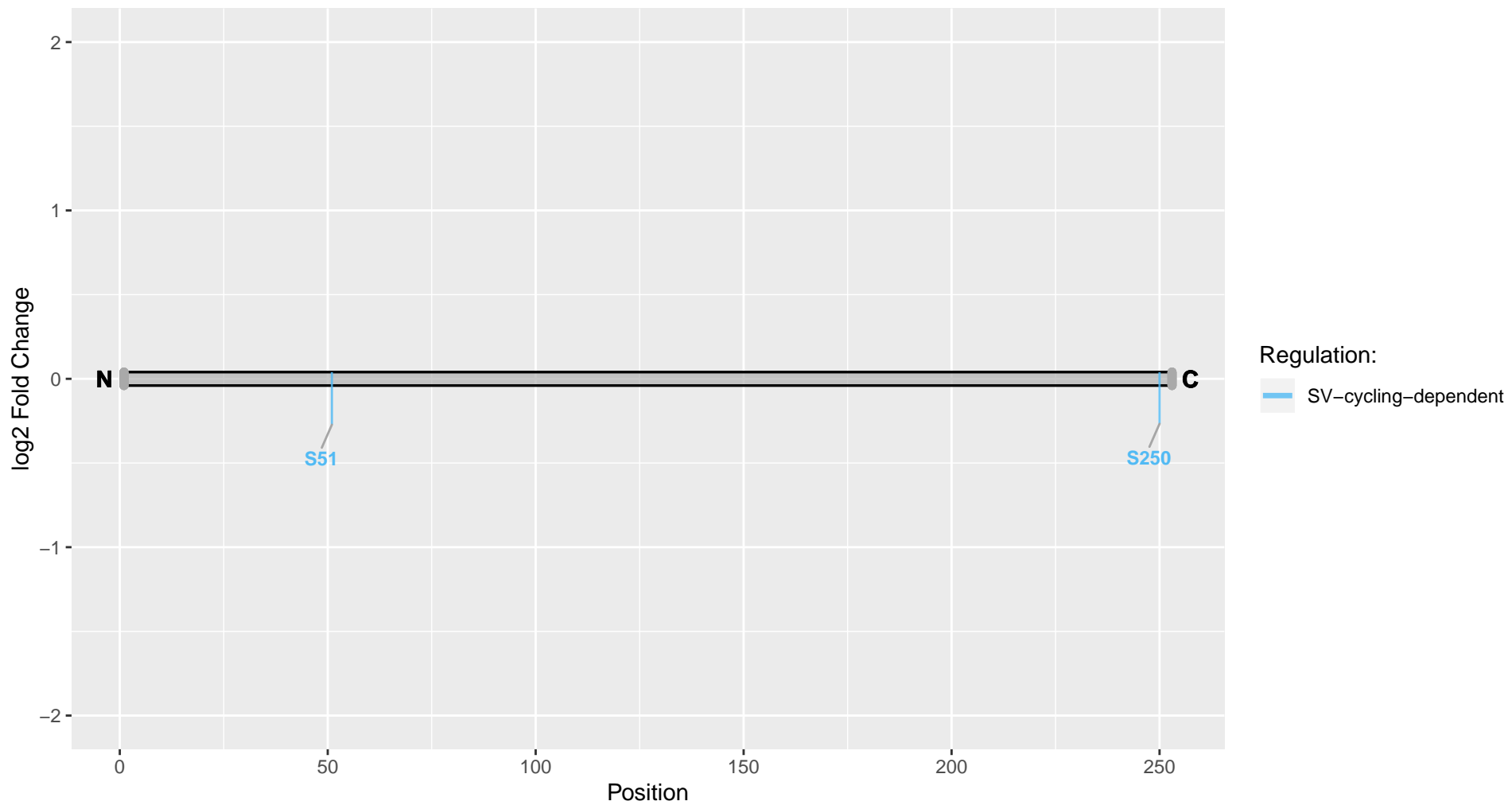
Bin1 protein



Bri3bp

Uniprot Accession: Q5U3Z5

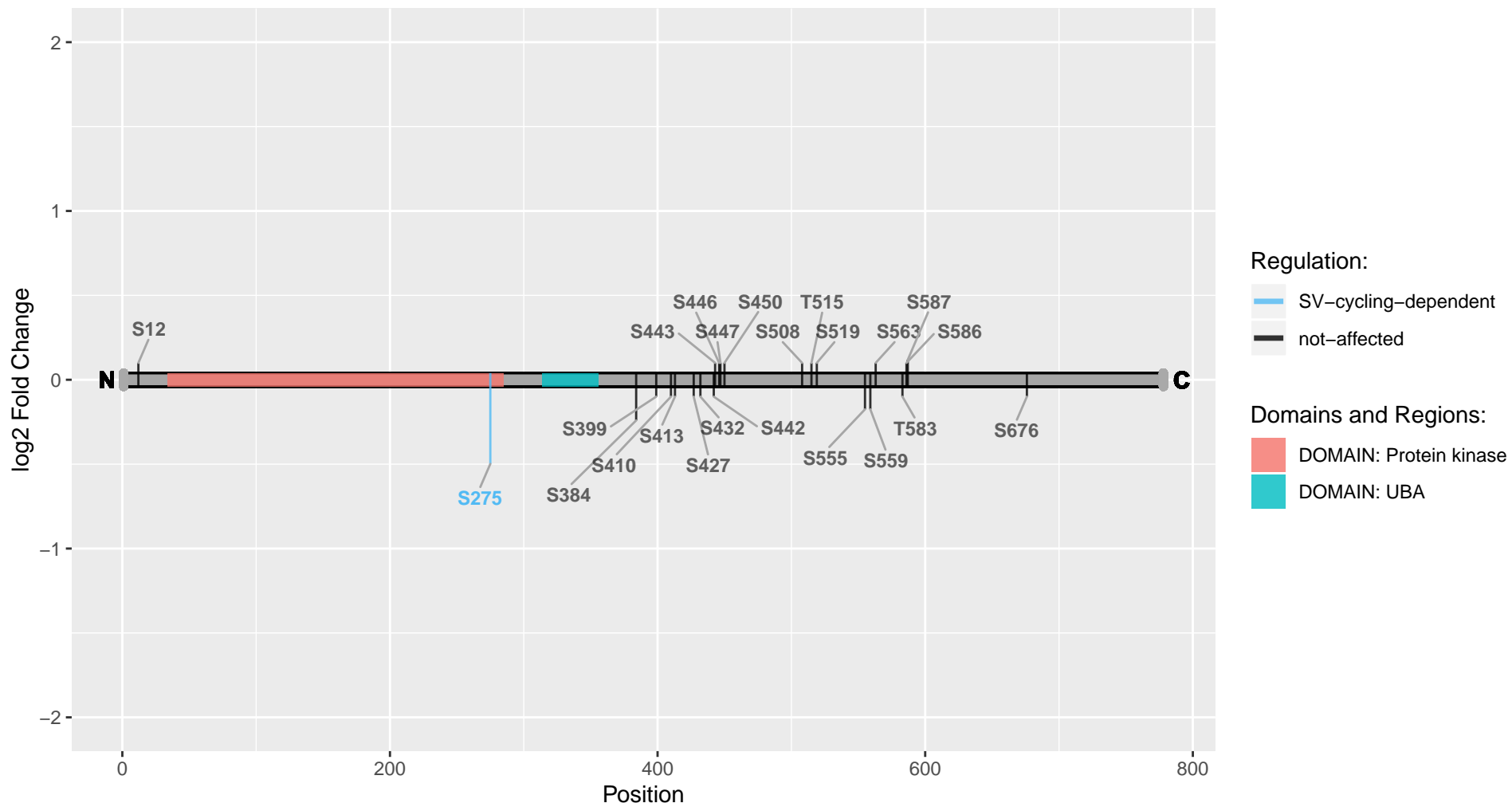
BRI3-binding protein



Brsk1

Uniprot Accession: B2DD29

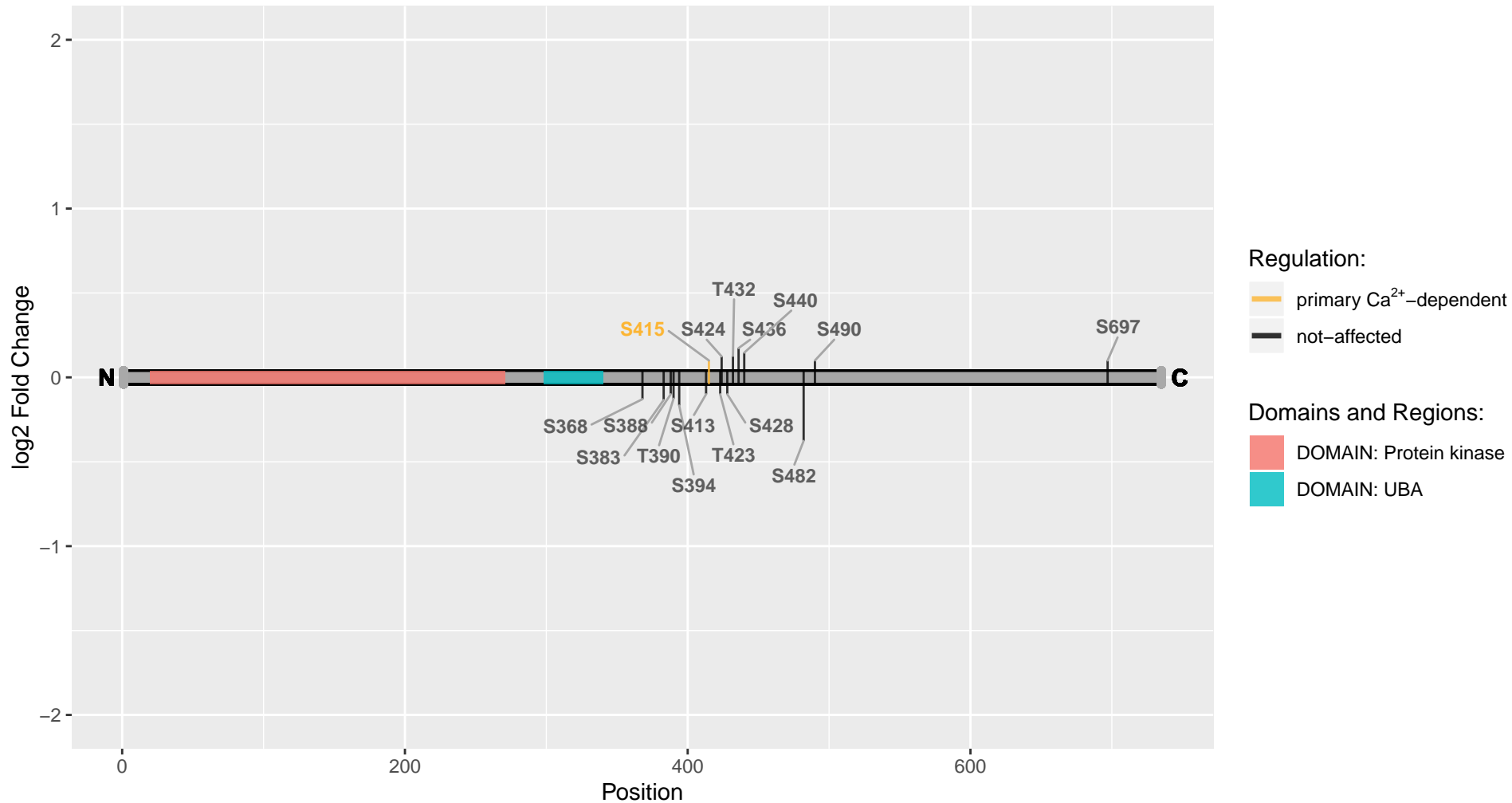
Serine/threonine-protein kinase BRSK1



Brsk2

Uniprot Accession: D3ZML2

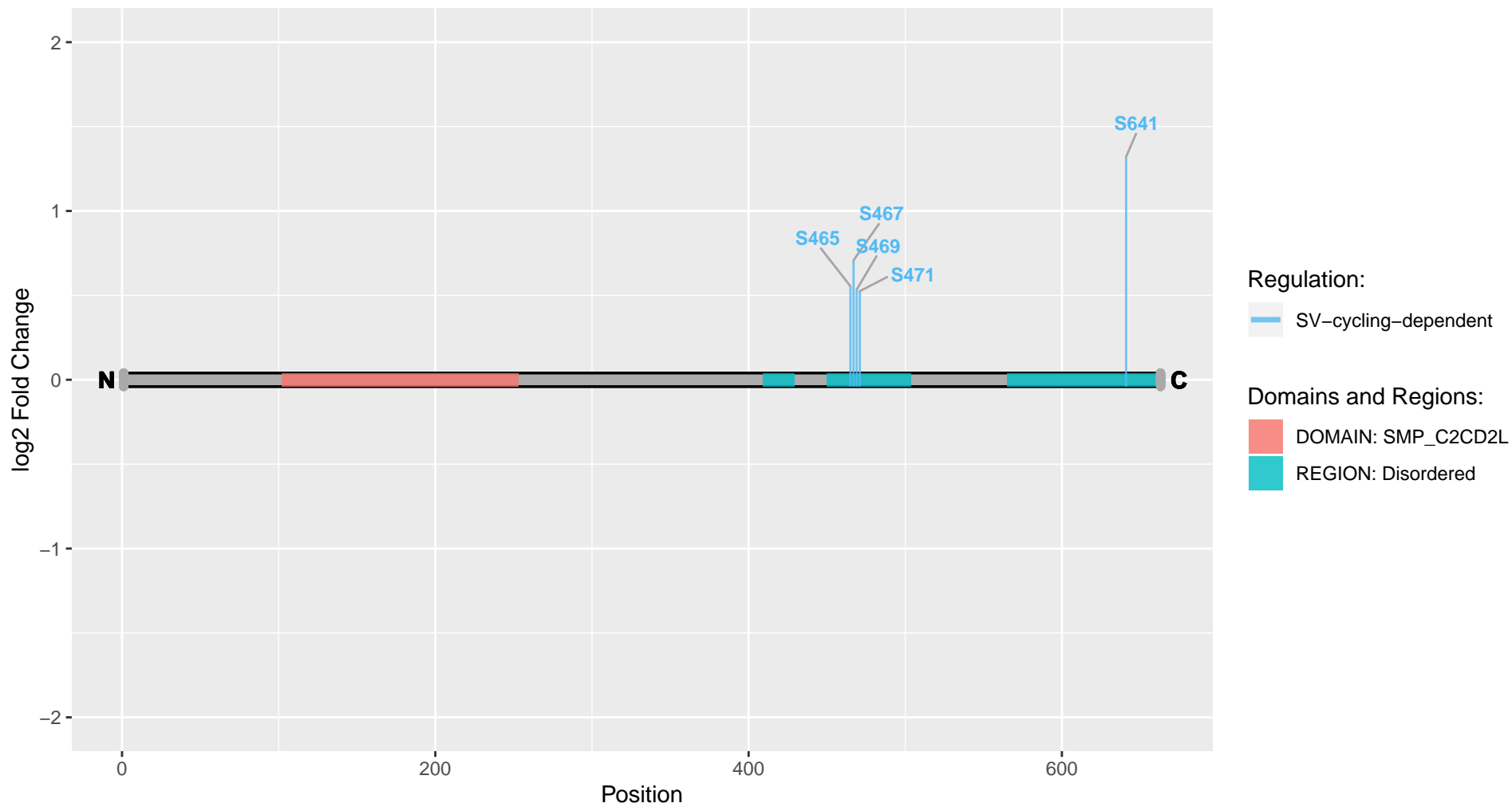
Serine/threonine-protein kinase BRSK2



C2cd2l

Uniprot Accession: A0A0G2K2V4

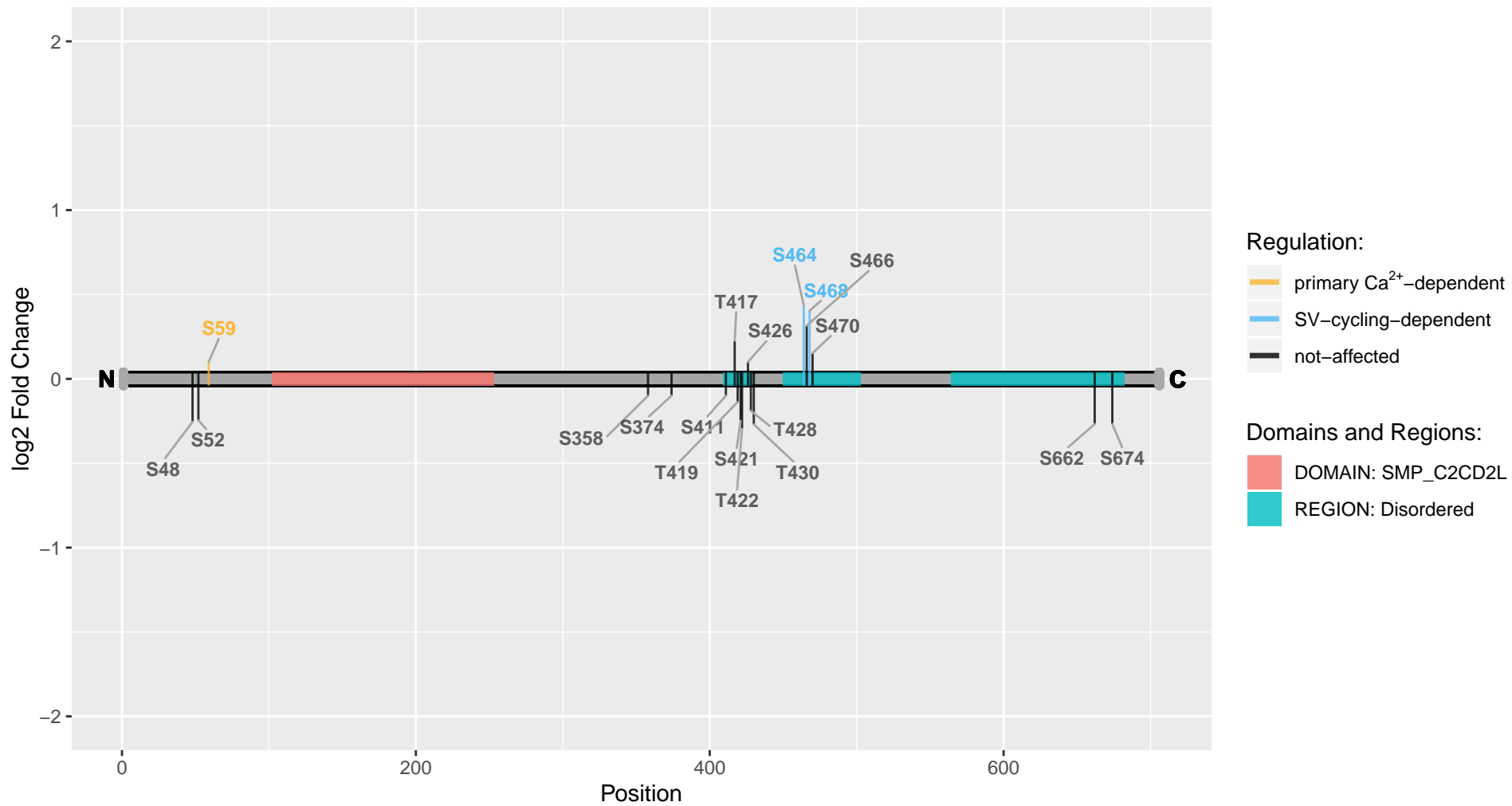
C2CD2-like



C2cd2l

Uniprot Accession: Q5U2P5

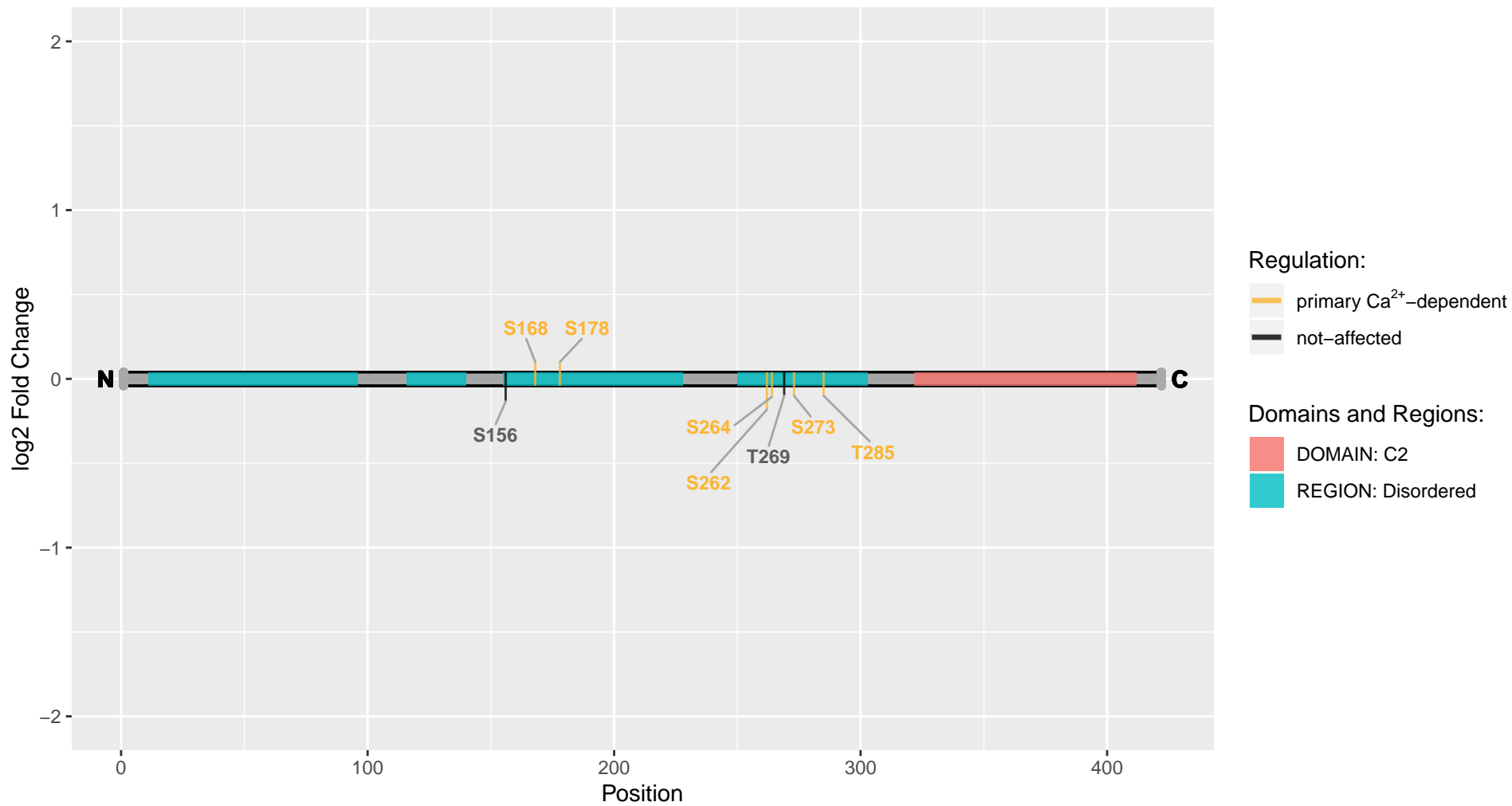
C2CD2-like



C2cd4c

Uniprot Accession: D3ZLU0

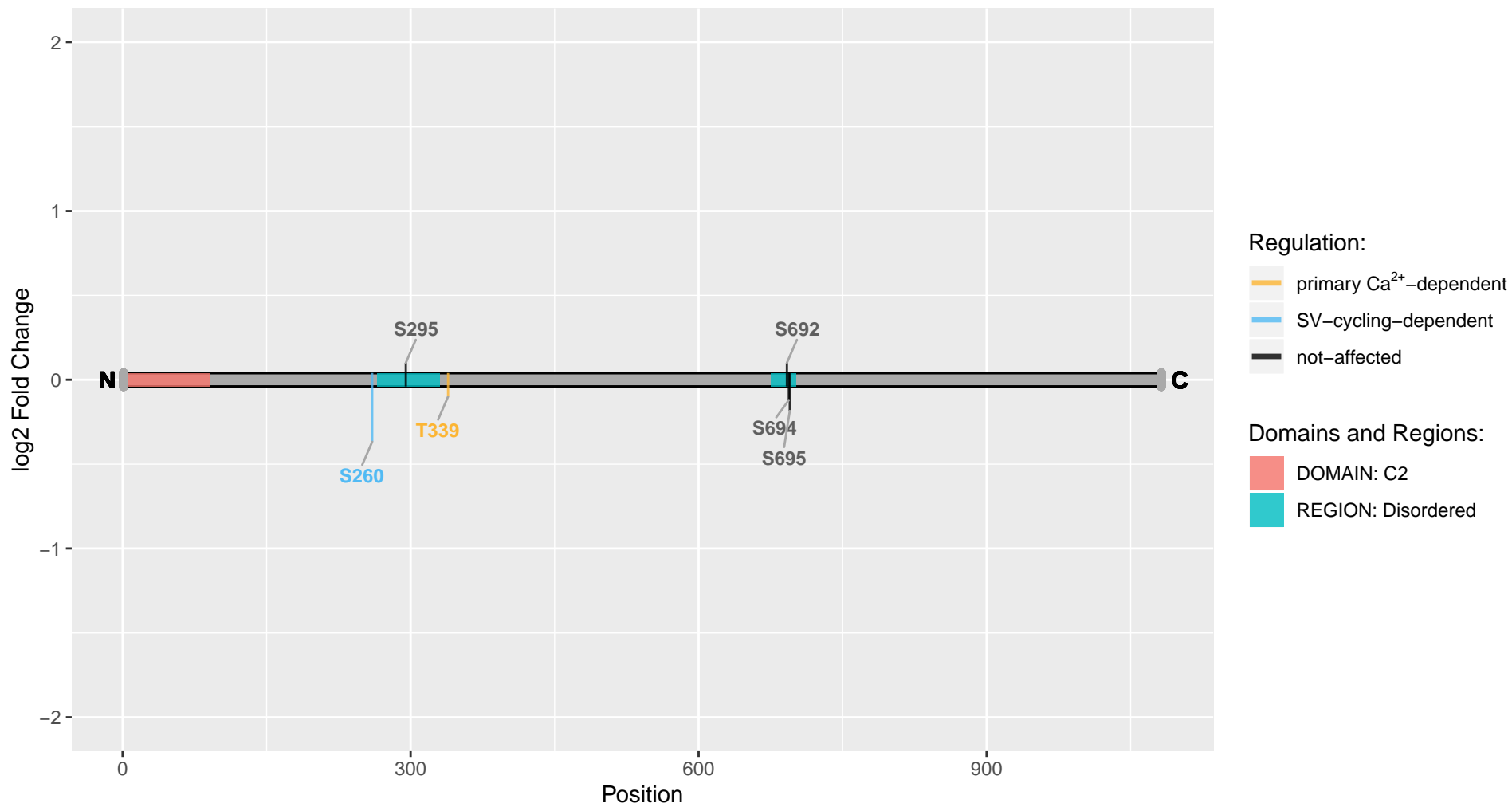
C2 calcium-dependent domain-containing 4C



C2cd5

Uniprot Accession: A0A0G2K543

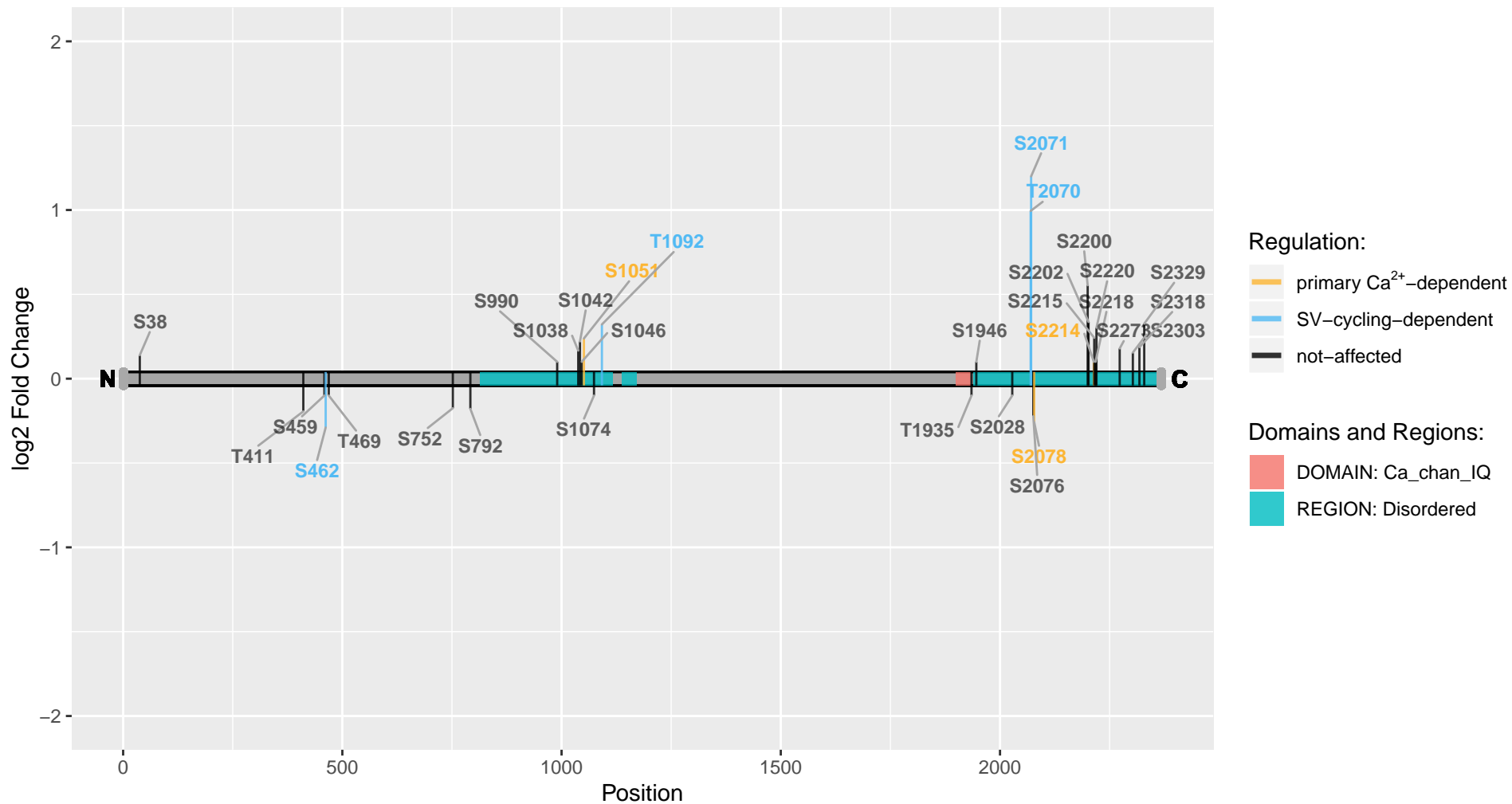
C2 calcium-dependent domain-containing 5



Cacna1a

Uniprot Accession: A0A0G2JXK1

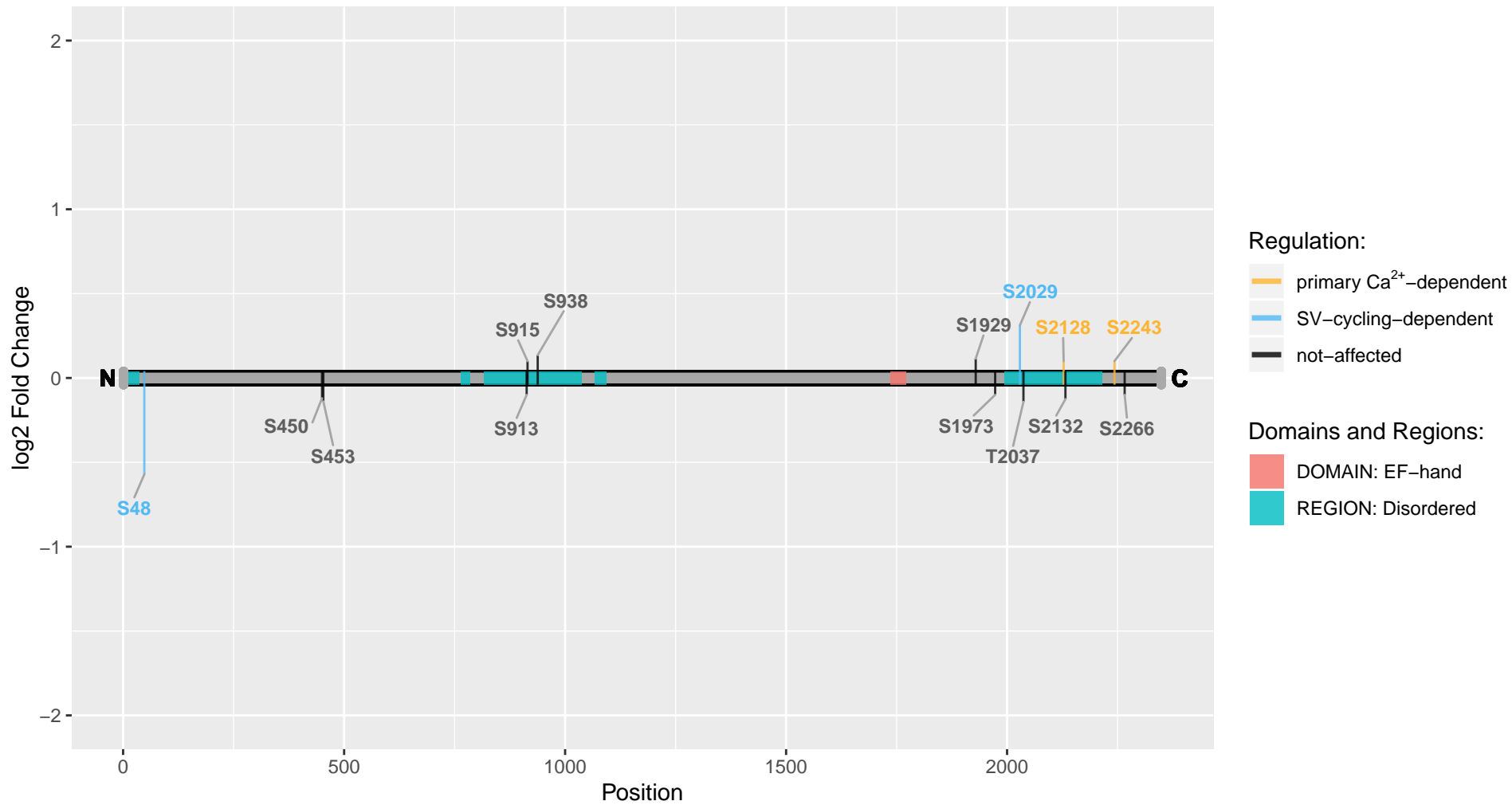
Voltage-dependent P/Q-type calcium channel subunit alpha



Cacna1b

Uniprot Accession: F1LQ87

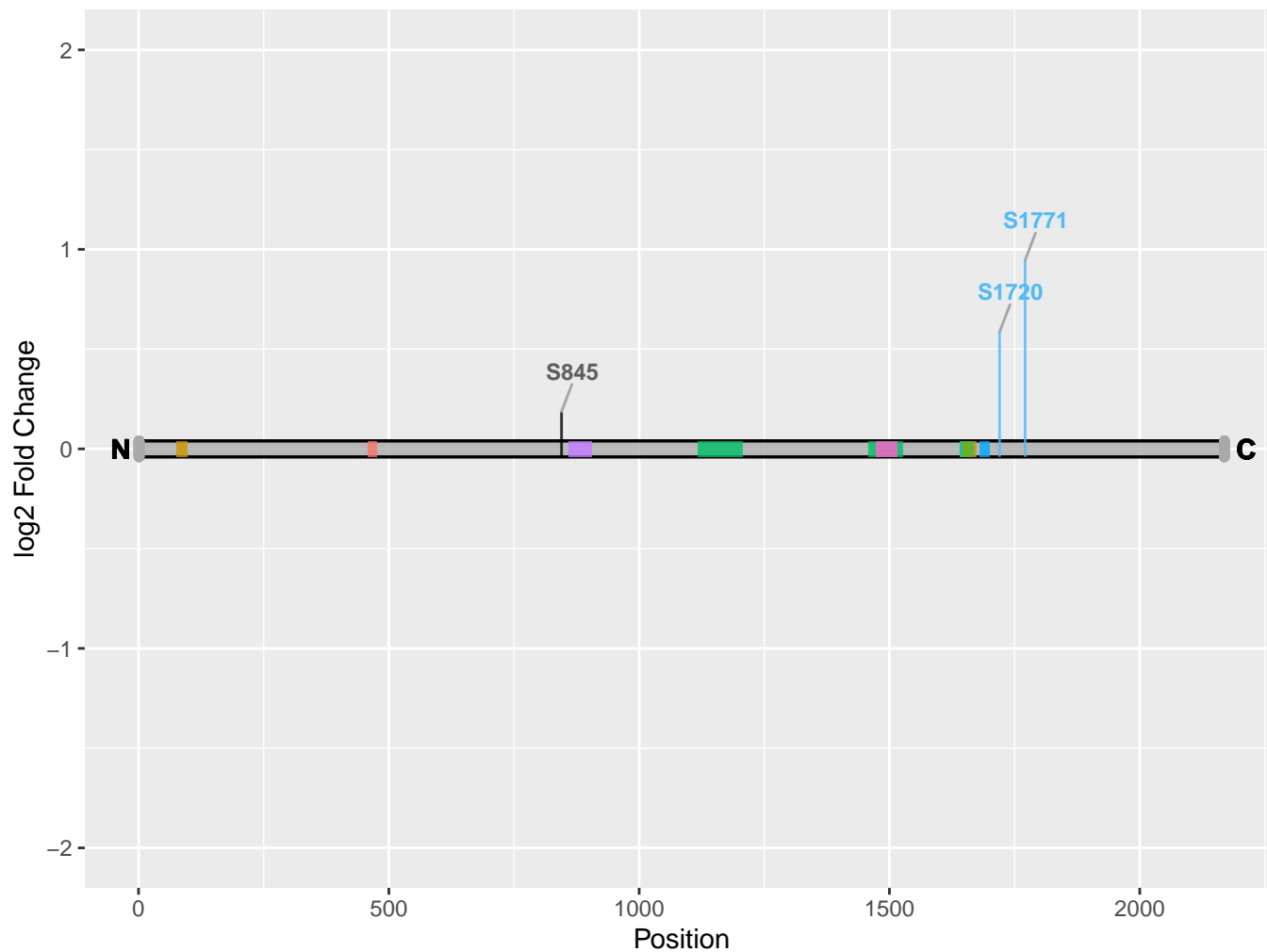
Voltage-dependent N-type calcium channel subunit alpha



Cacna1c

Uniprot Accession: P22002

Voltage-dependent L-type calcium channel subunit alpha-1C



Regulation:

- SV-cycling-dependent
- not-affected

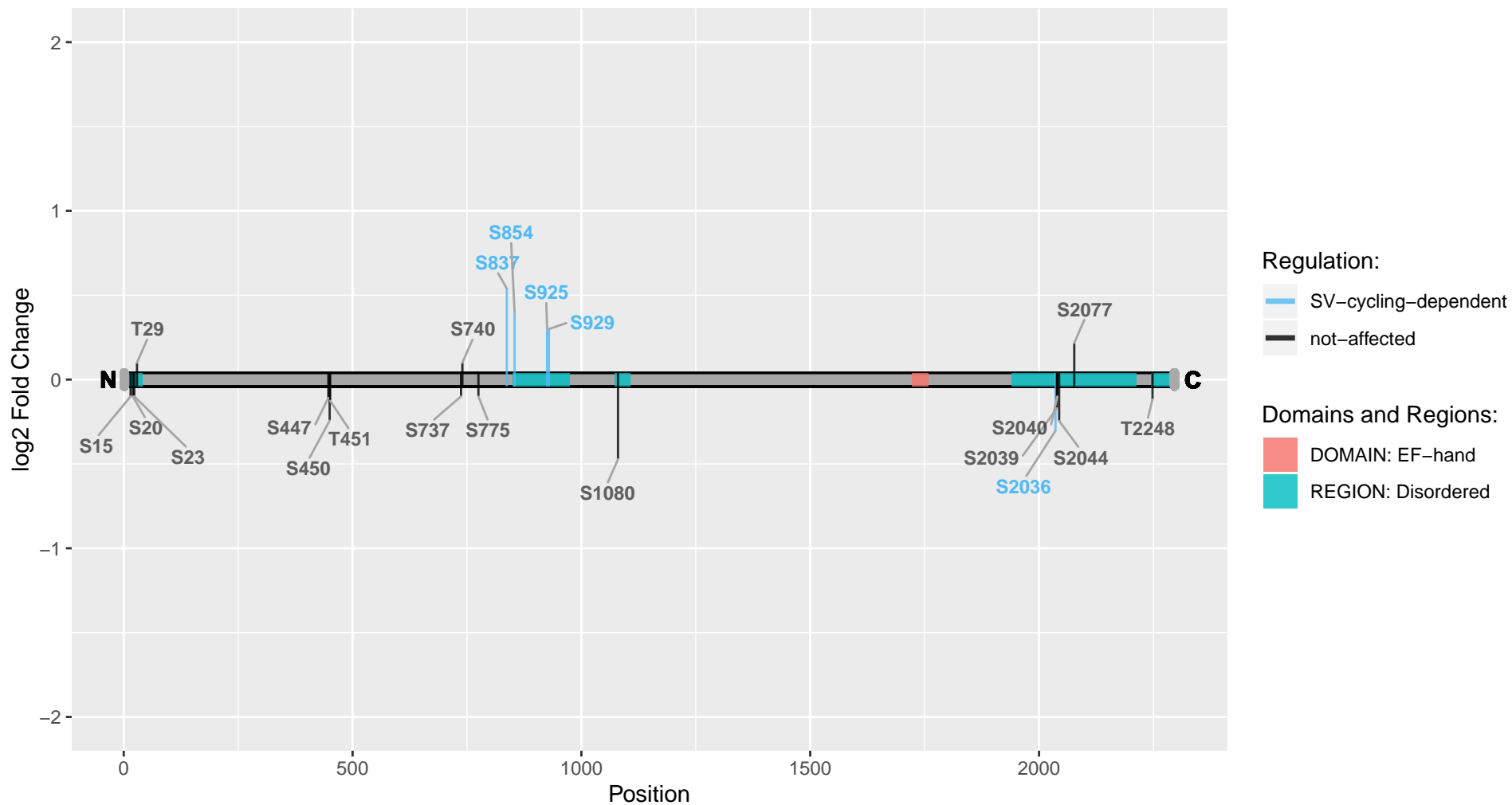
Domains and Regions:

- REGION: AID/alpha-interaction domain; mediates interaction with the beta subunit
- REGION: Calmodulin-binding
- REGION: Calmodulin-binding IQ region
- REGION: Dihydropyridine binding
- REGION: Important for interaction with STAC1, STAC2 and STAC3
- REGION: Important for localization in at the junctional membrane
- REGION: Interaction with STAC2
- REGION: Phenylalkylamine binding

Cacna1e

Uniprot Accession: F1LMS1

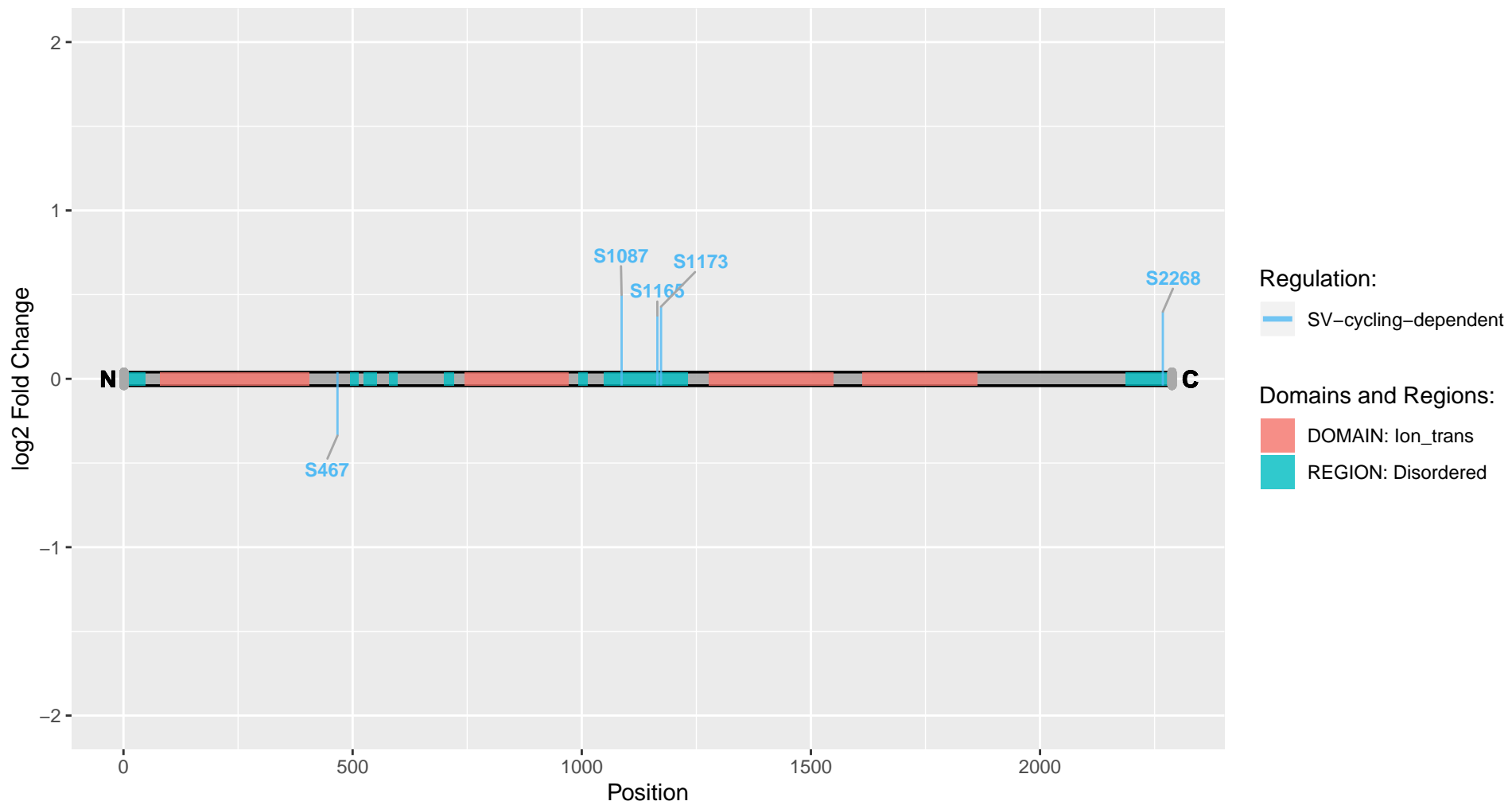
Voltage-dependent R-type calcium channel subunit alpha



Cacna1g

Uniprot Accession: Q9WUB8

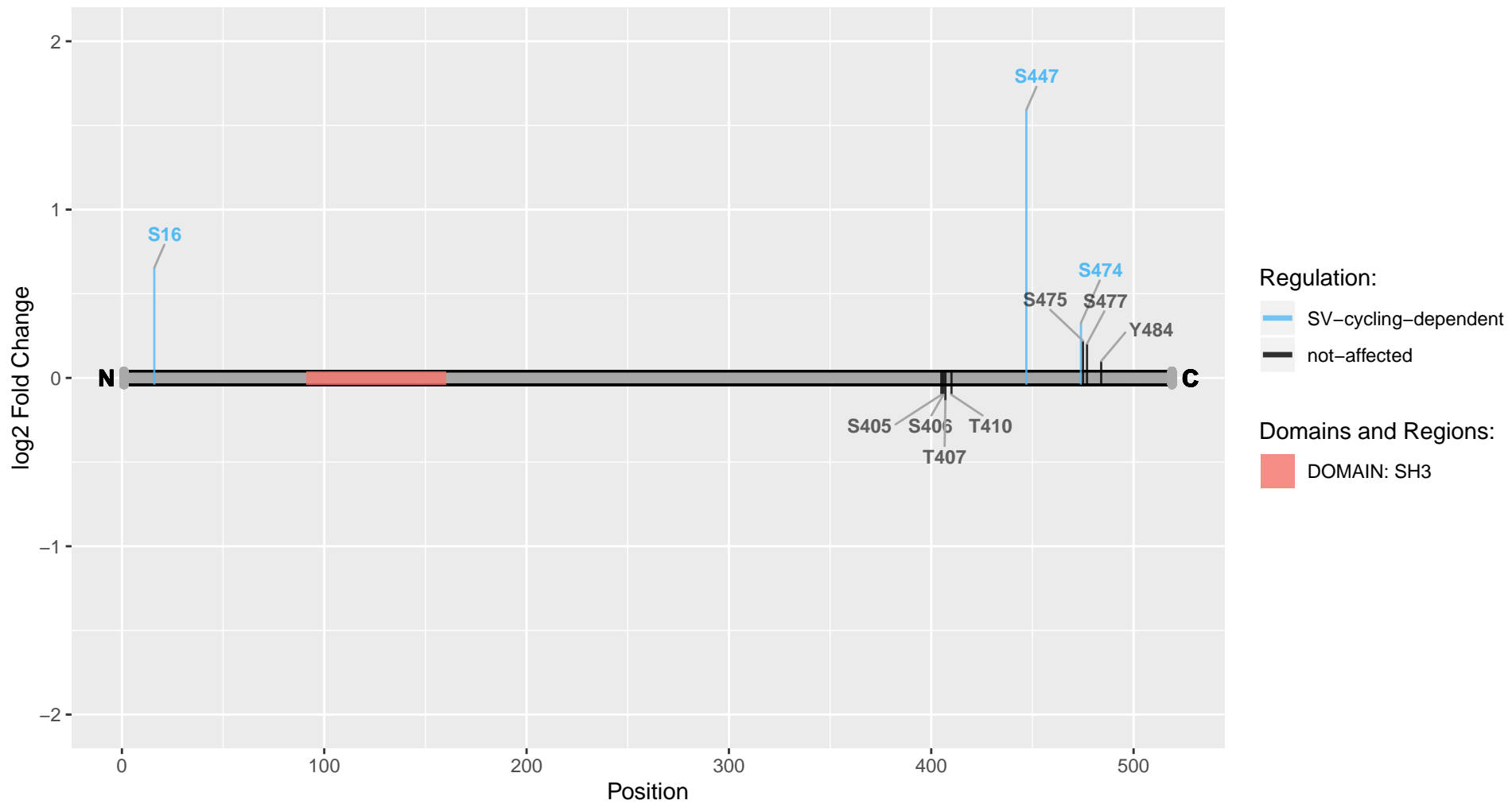
Voltage-dependent T-type calcium channel subunit alpha



Cacnb4

Uniprot Accession: D4A055

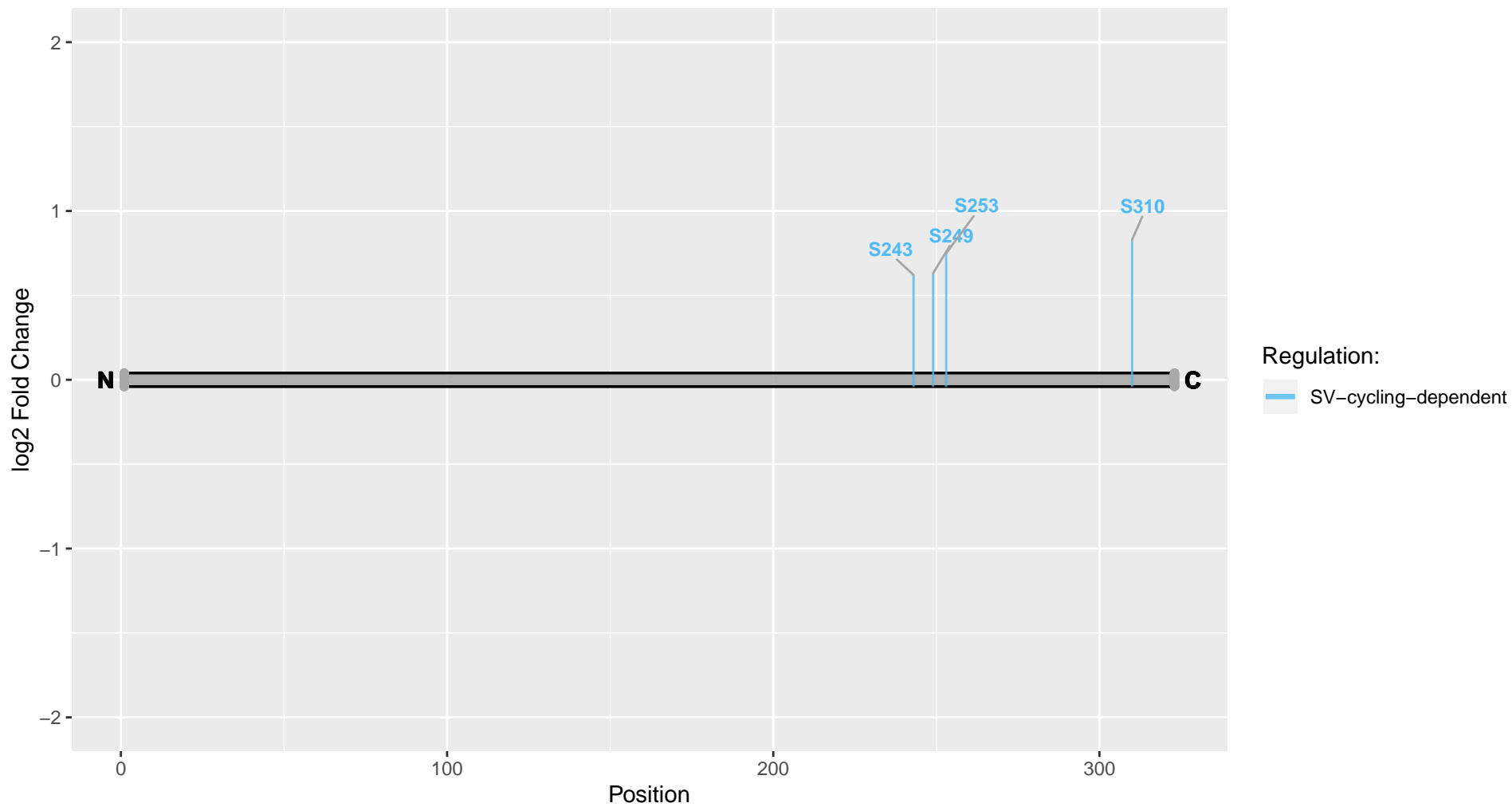
Voltage-dependent L-type calcium channel subunit beta-4



Cacng2

Uniprot Accession: Q71RJ2

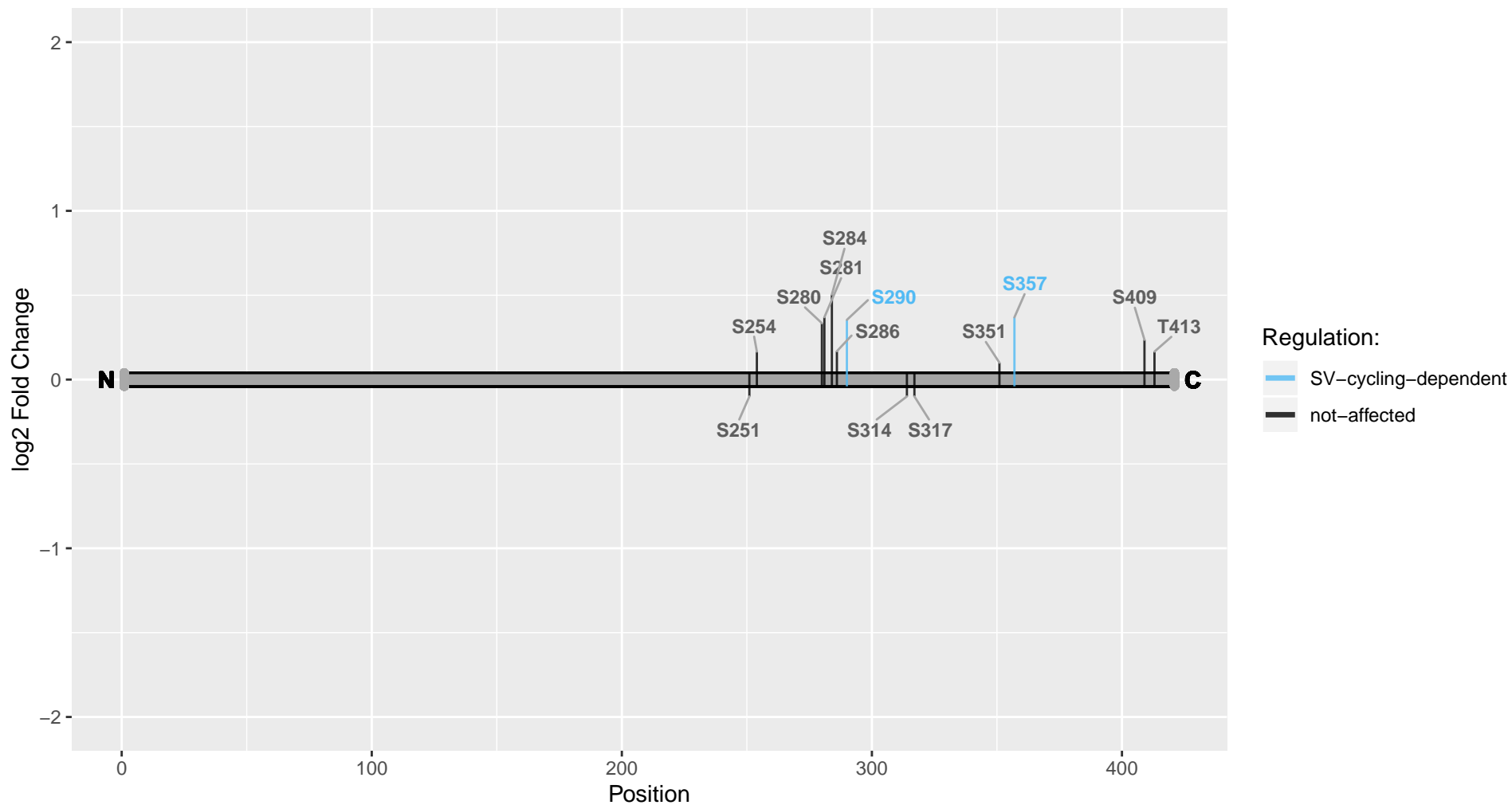
Voltage-dependent calcium channel gamma-2 subunit



Cacng8

Uniprot Accession: Q8VHW5

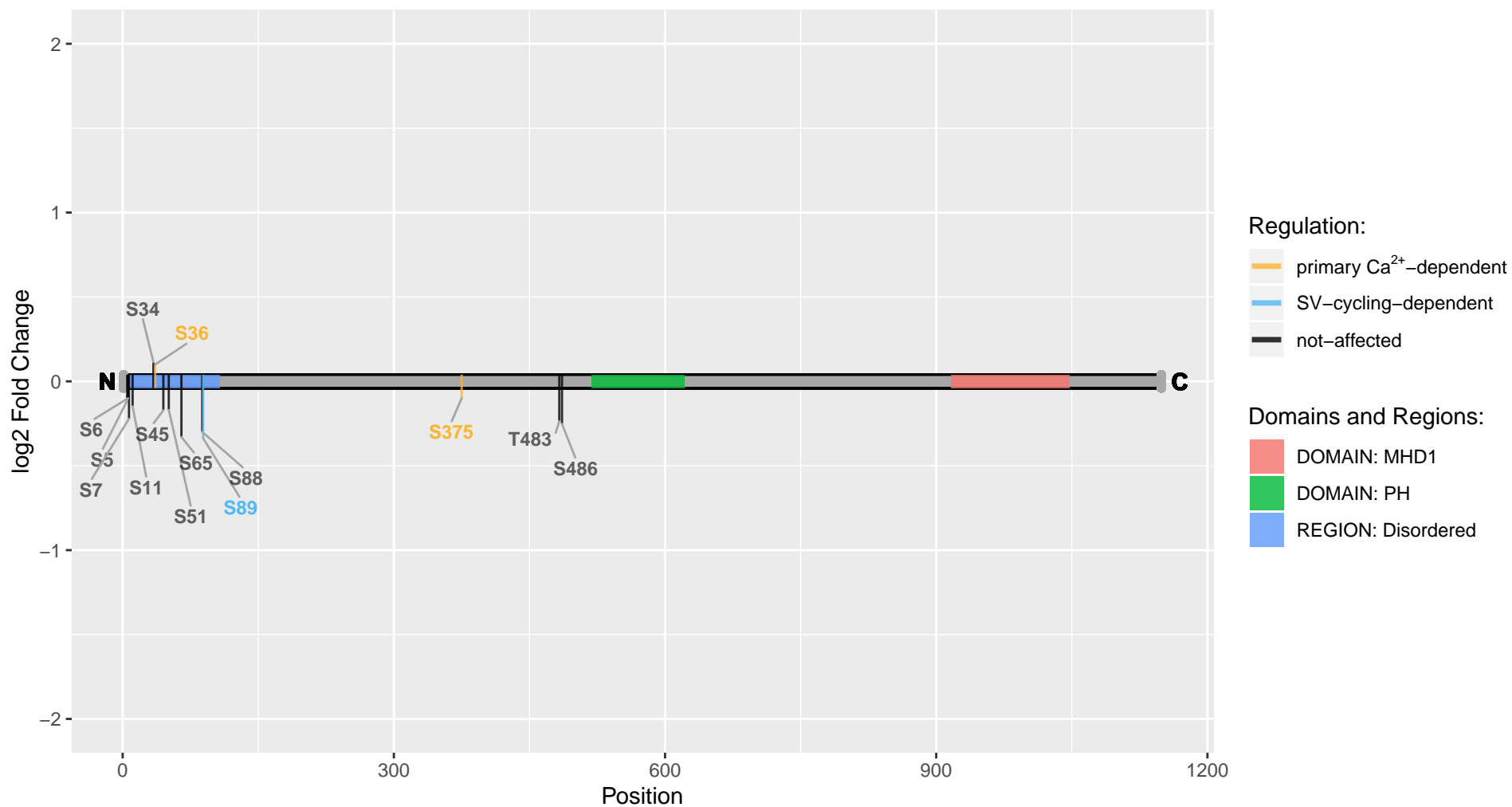
Voltage-dependent calcium channel gamma-8 subunit



Cadps

Uniprot Accession: F1LLX6

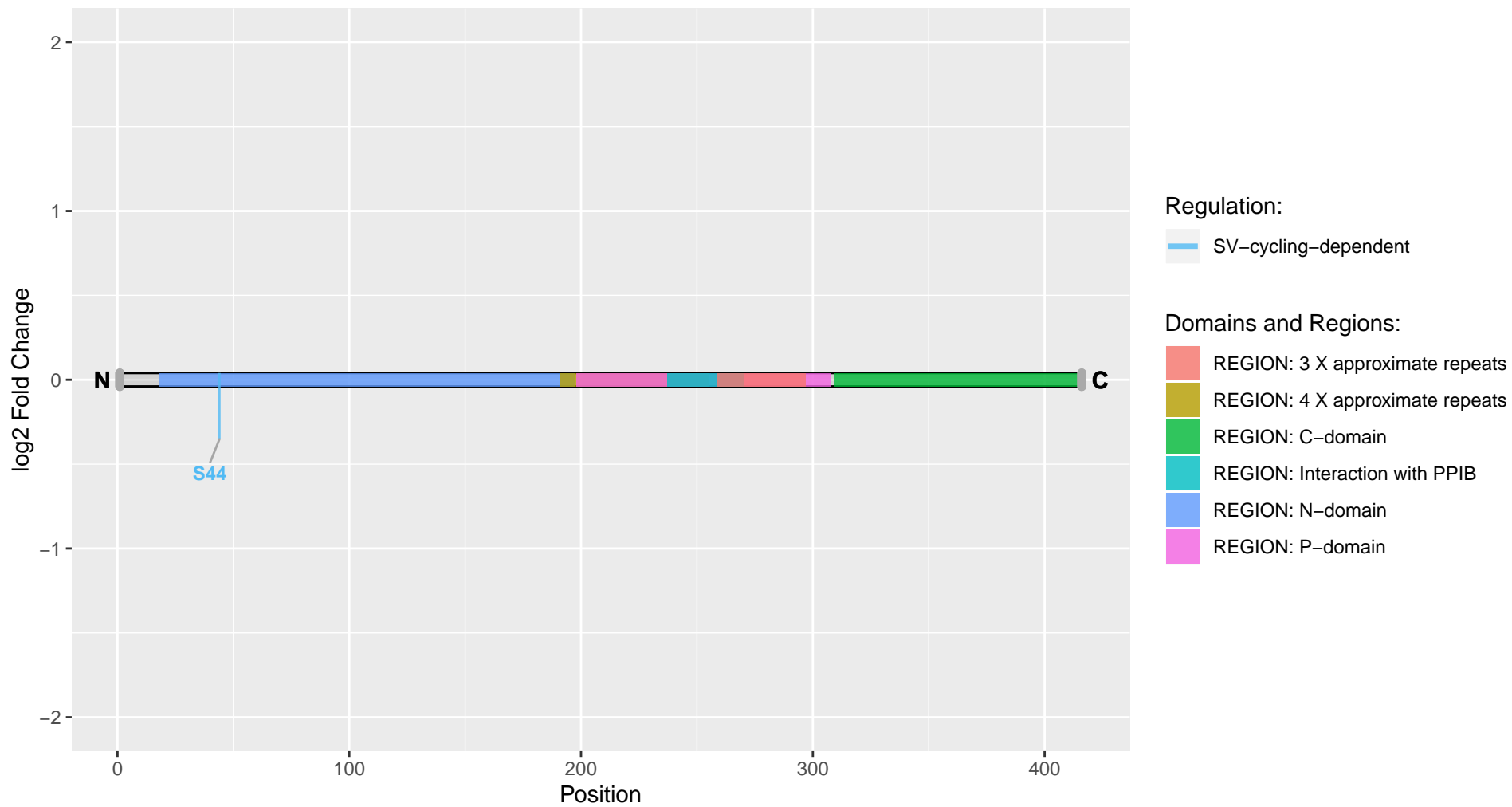
Calcium-dependent secretion activator 1



Calr

Uniprot Accession: P18418

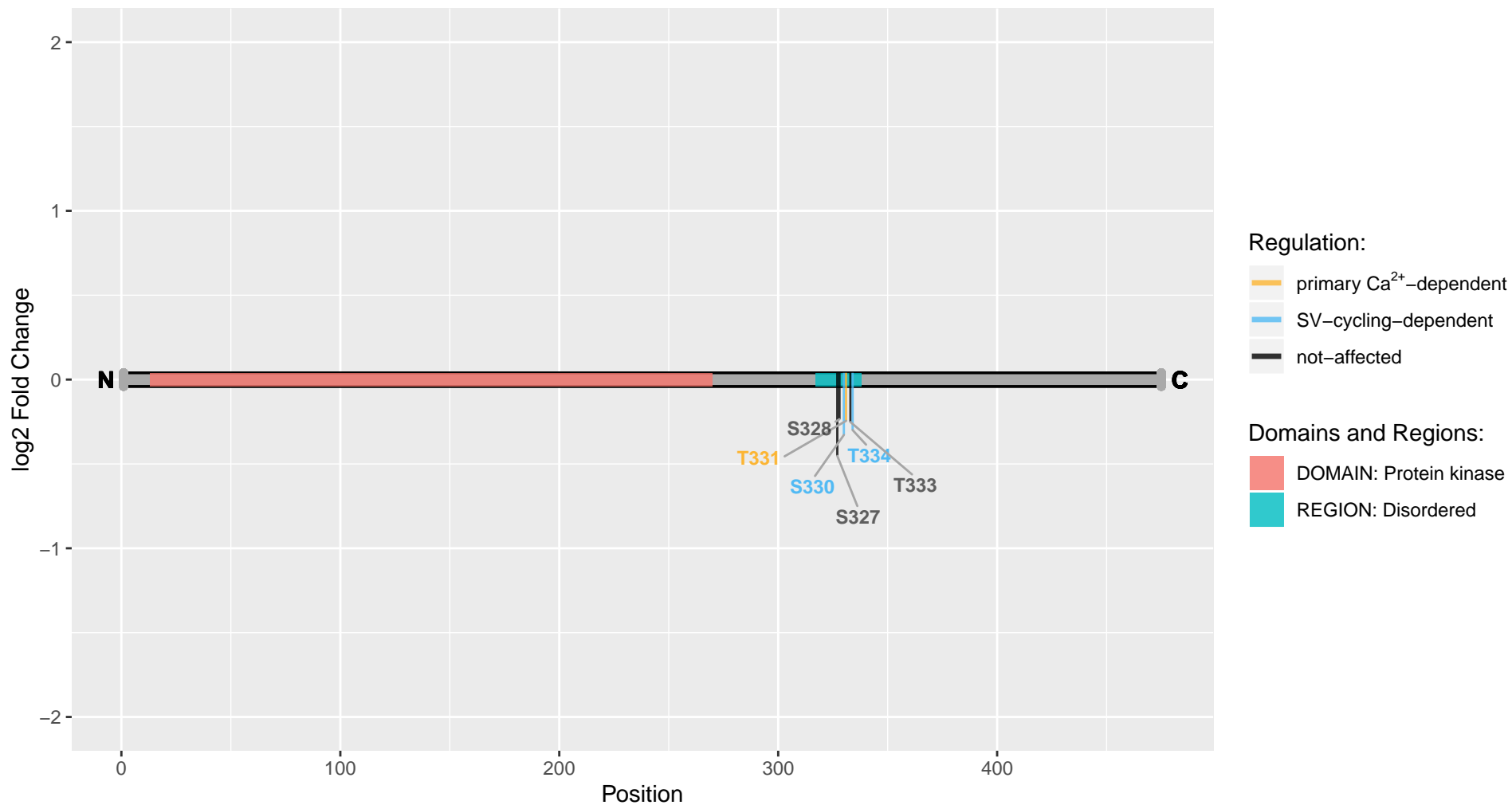
Calreticulin



Camk2a

Uniprot Accession: F1LZG4

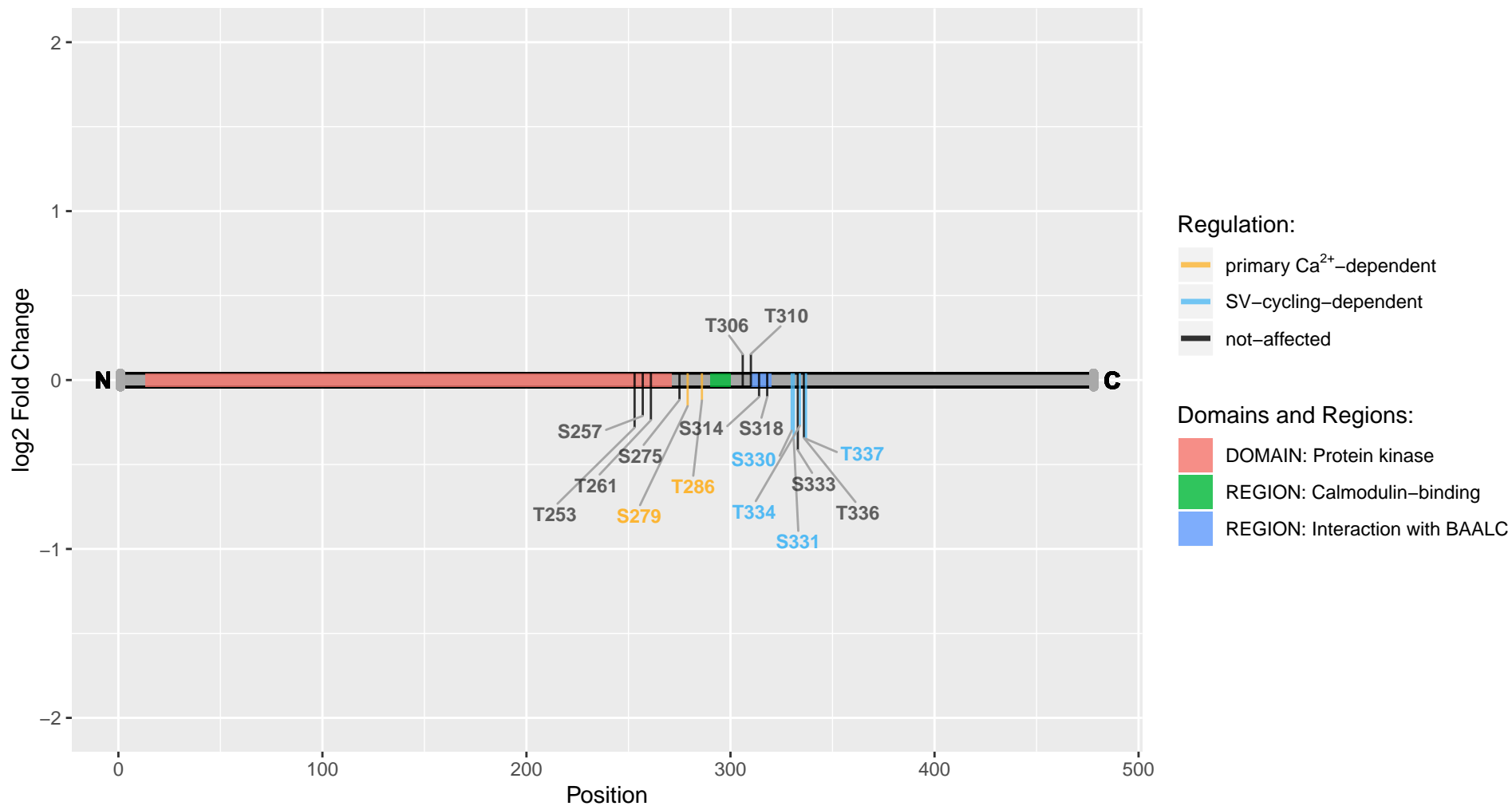
Calcium/calmodulin-dependent protein kinase type II subunit alpha



Camk2a

Uniprot Accession: P11275

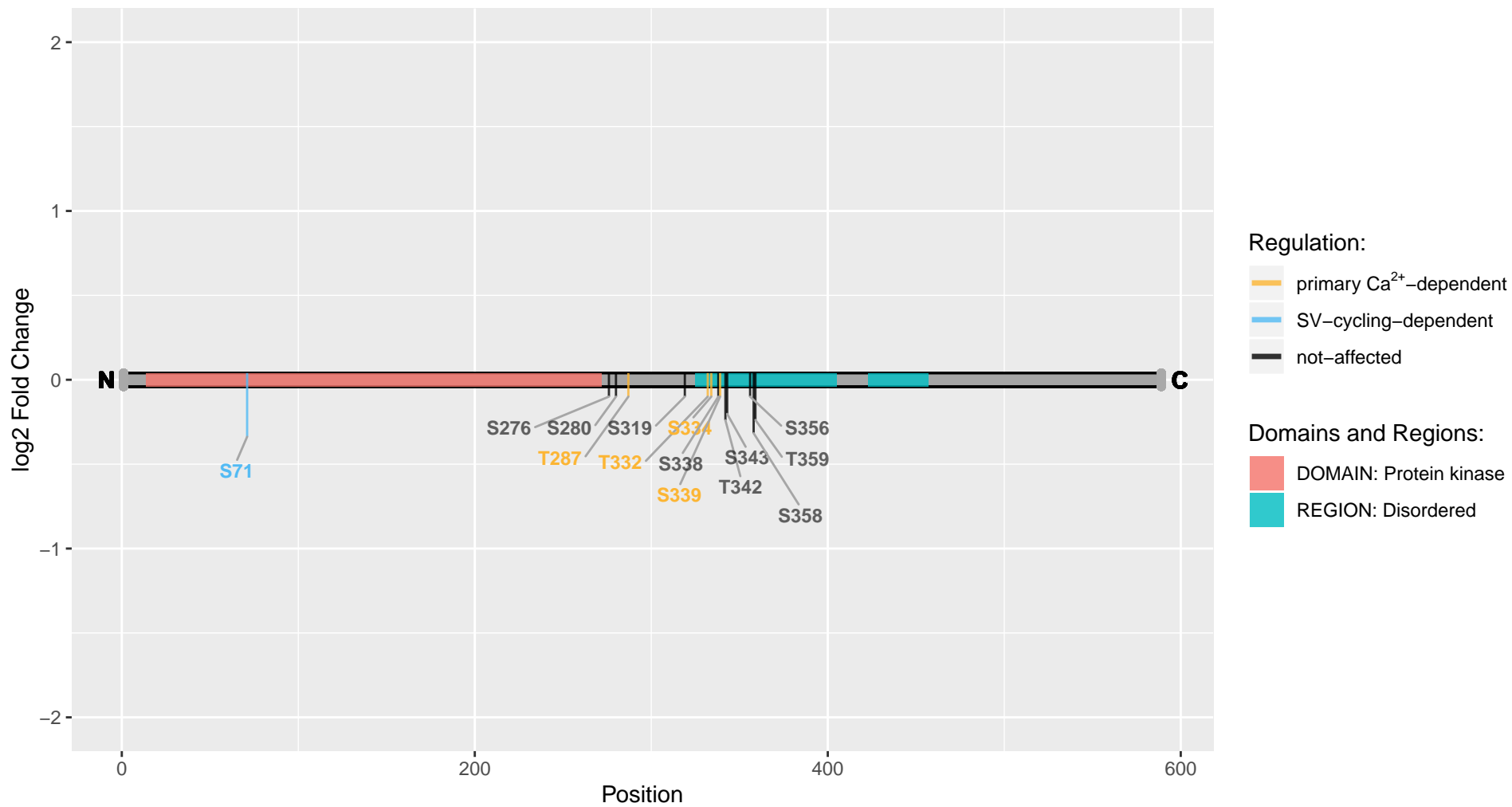
Calcium/calmodulin-dependent protein kinase type II subunit alpha



Camk2b

Uniprot Accession: F1LNI8

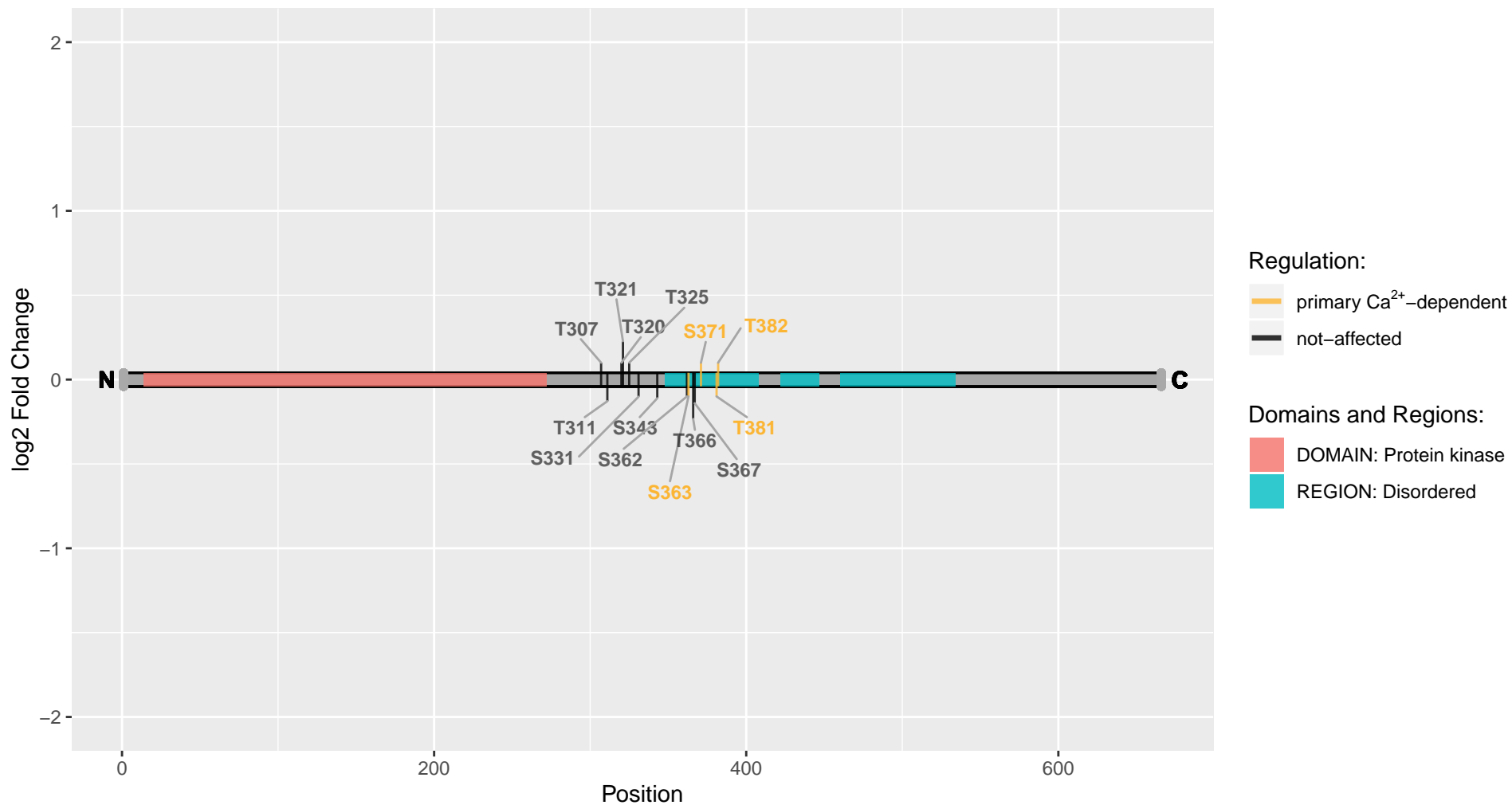
Calcium/calmodulin-dependent protein kinase type II subunit beta



Camk2b

Uniprot Accession: F1LUE2

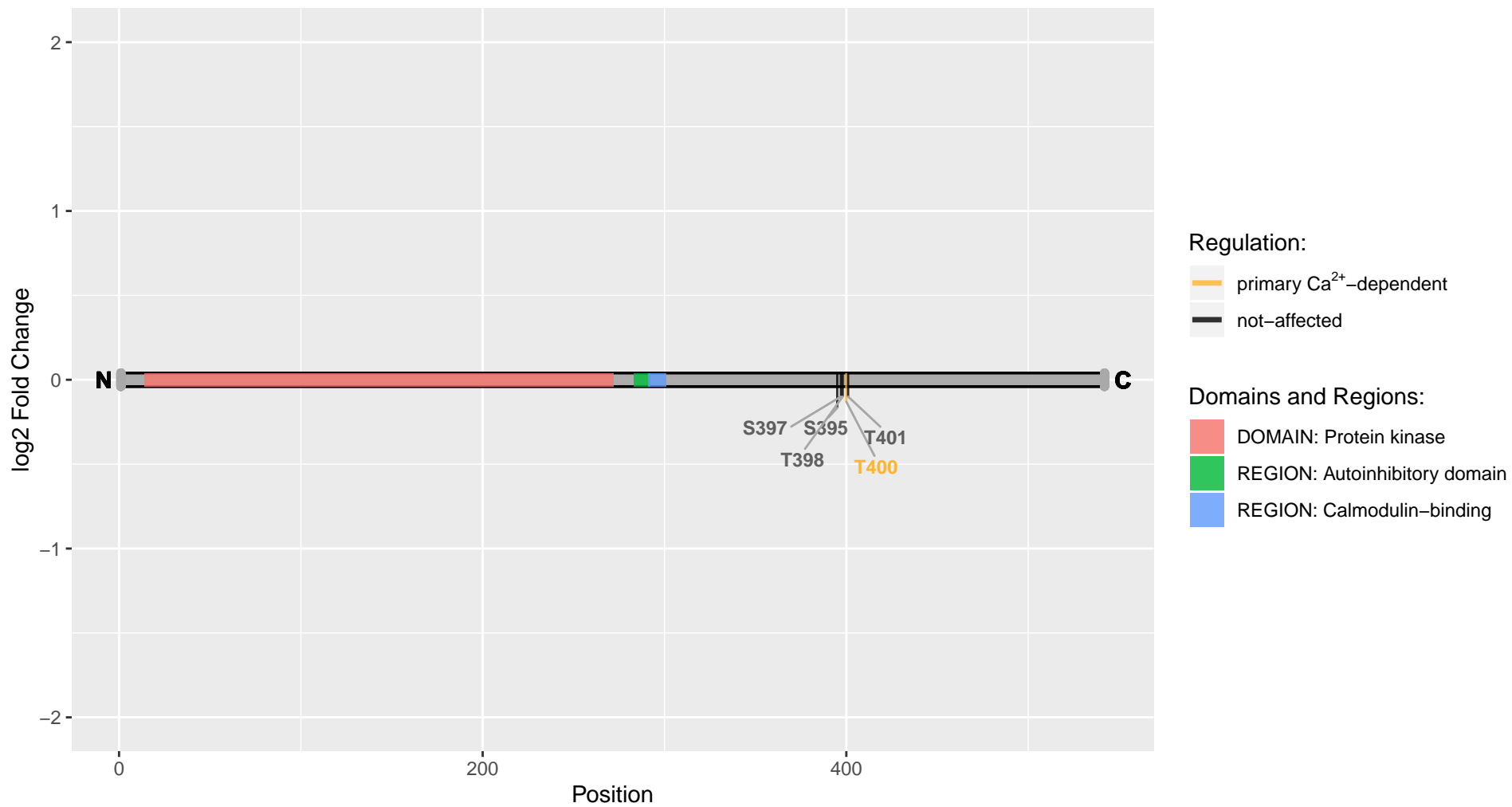
Calcium/calmodulin-dependent protein kinase II, beta, isoform CRA_c



Camk2b

Uniprot Accession: P08413

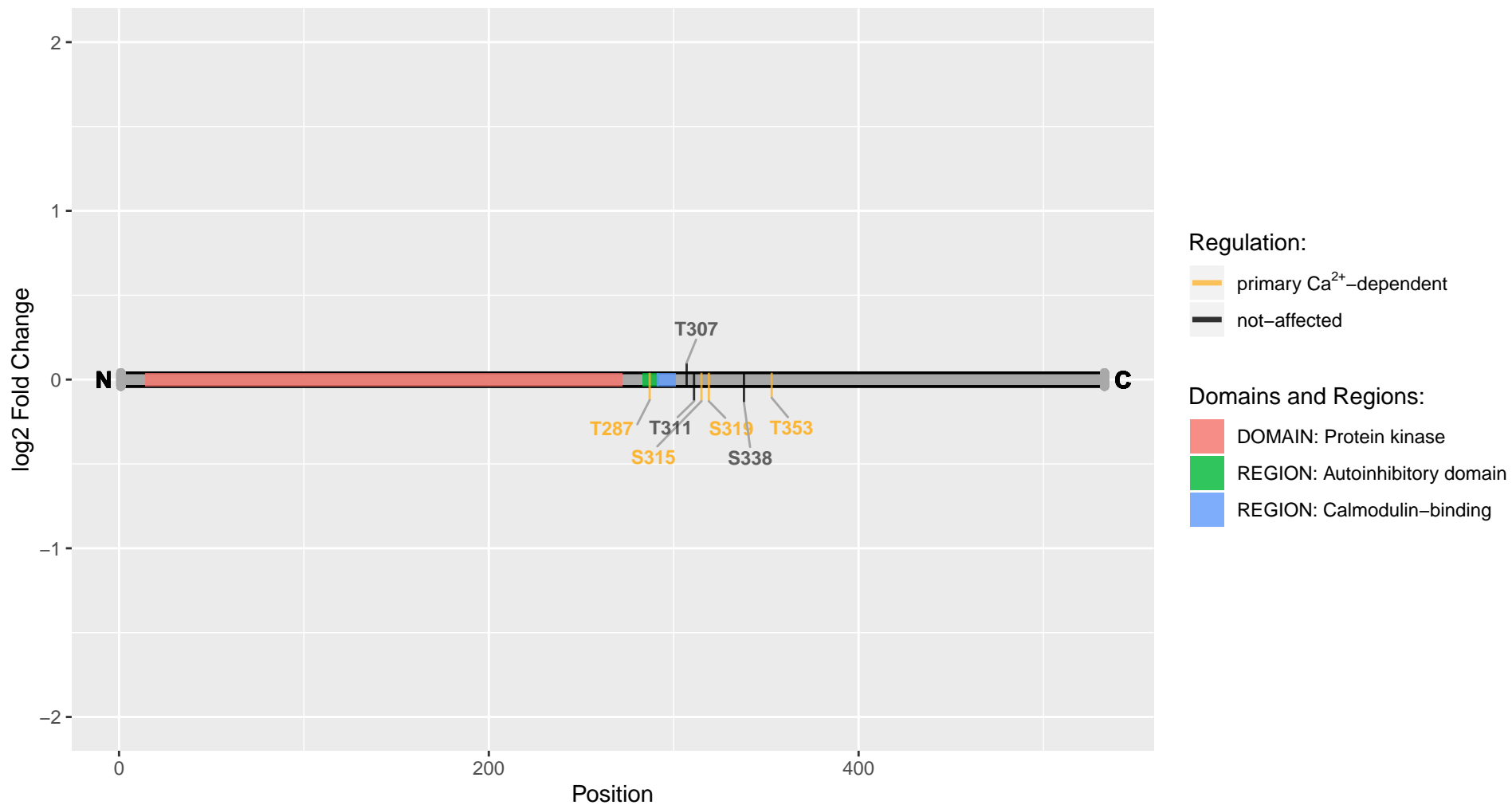
Calcium/calmodulin-dependent protein kinase type II subunit beta



Camk2d

Uniprot Accession: P15791

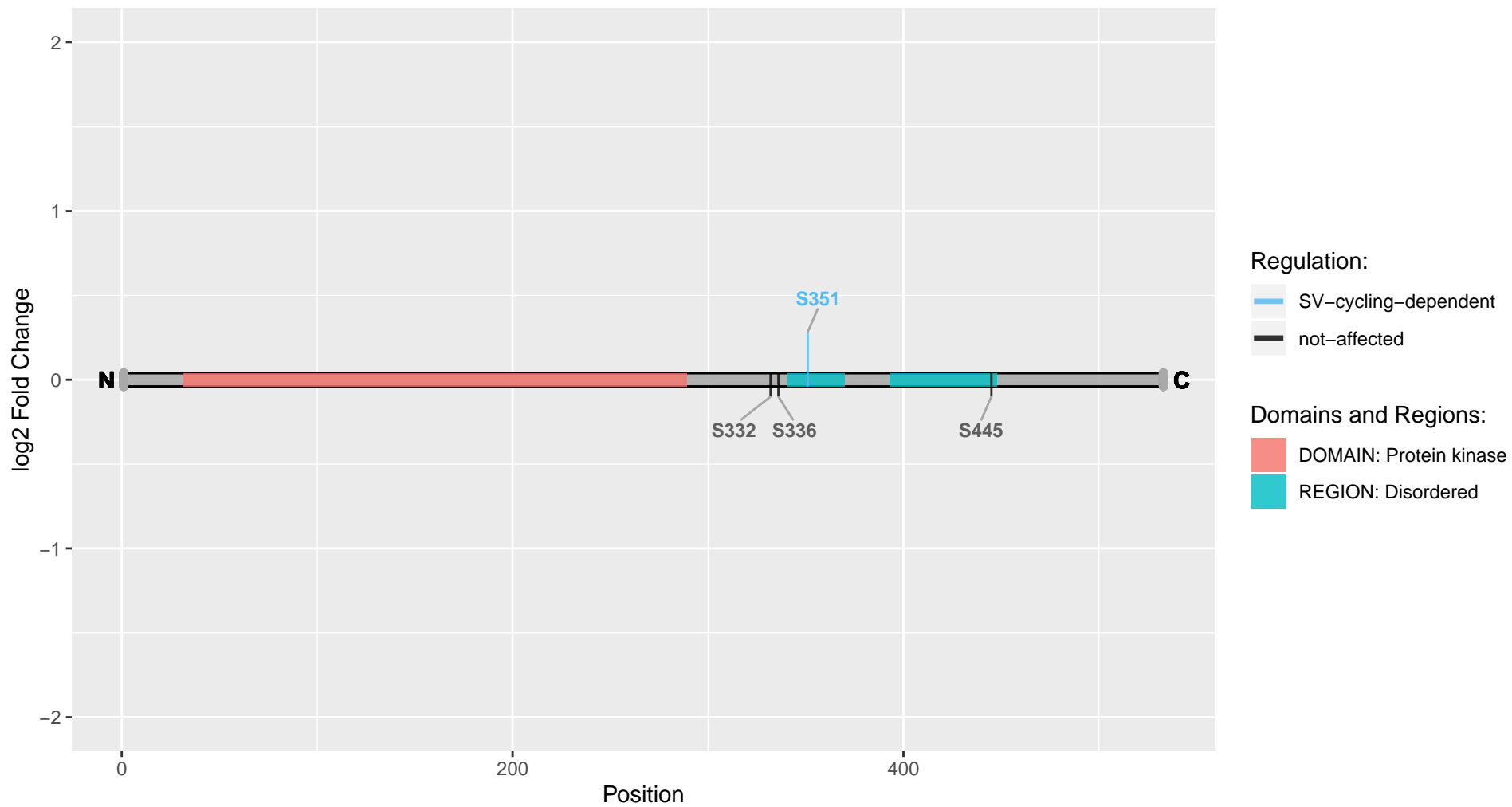
Calcium/calmodulin-dependent protein kinase type II subunit delta



Camk2g

Uniprot Accession: F1M3F8

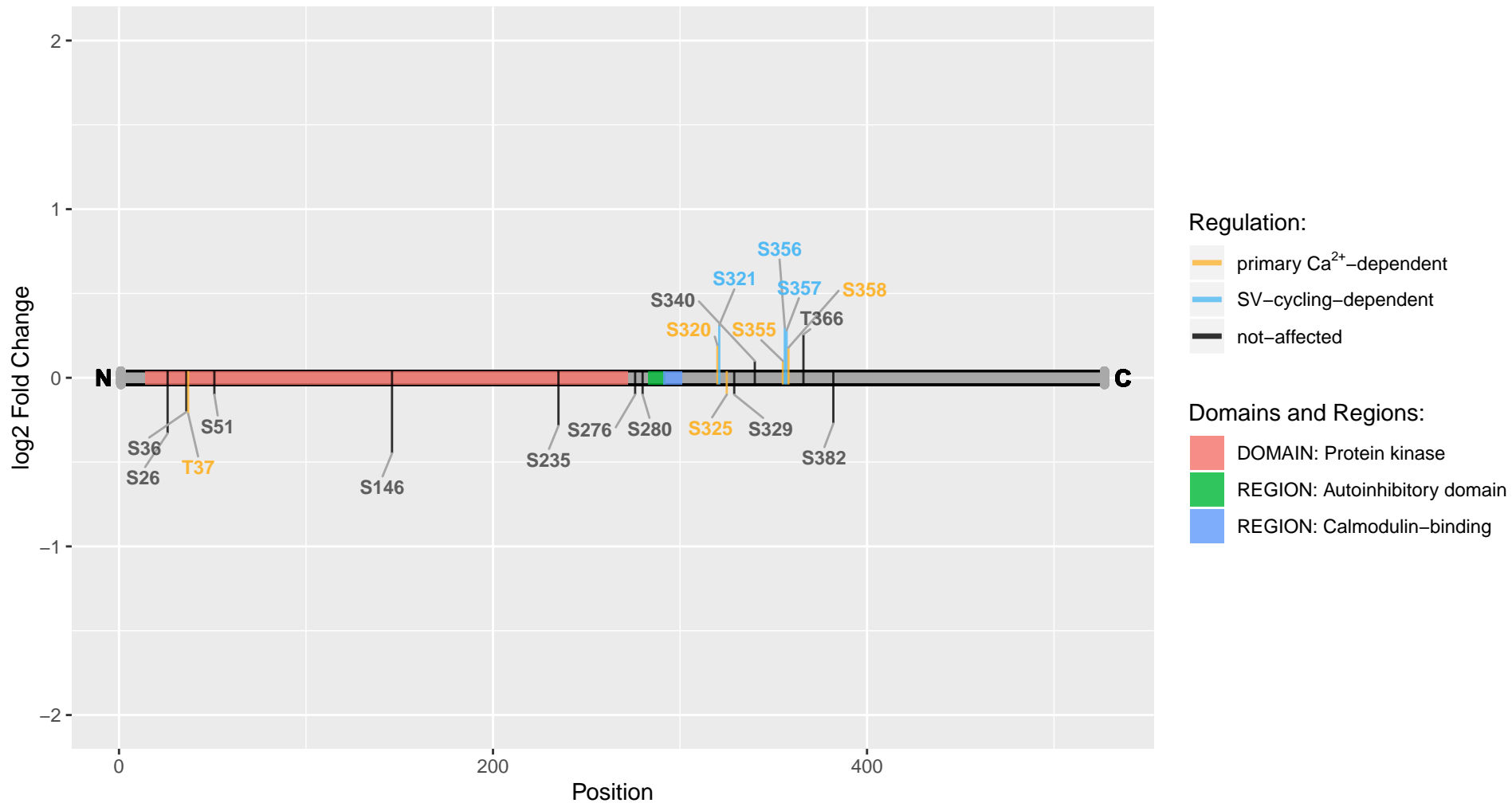
Calcium/calmodulin-dependent protein kinase type II subunit gamma



Camk2g

Uniprot Accession: P11730

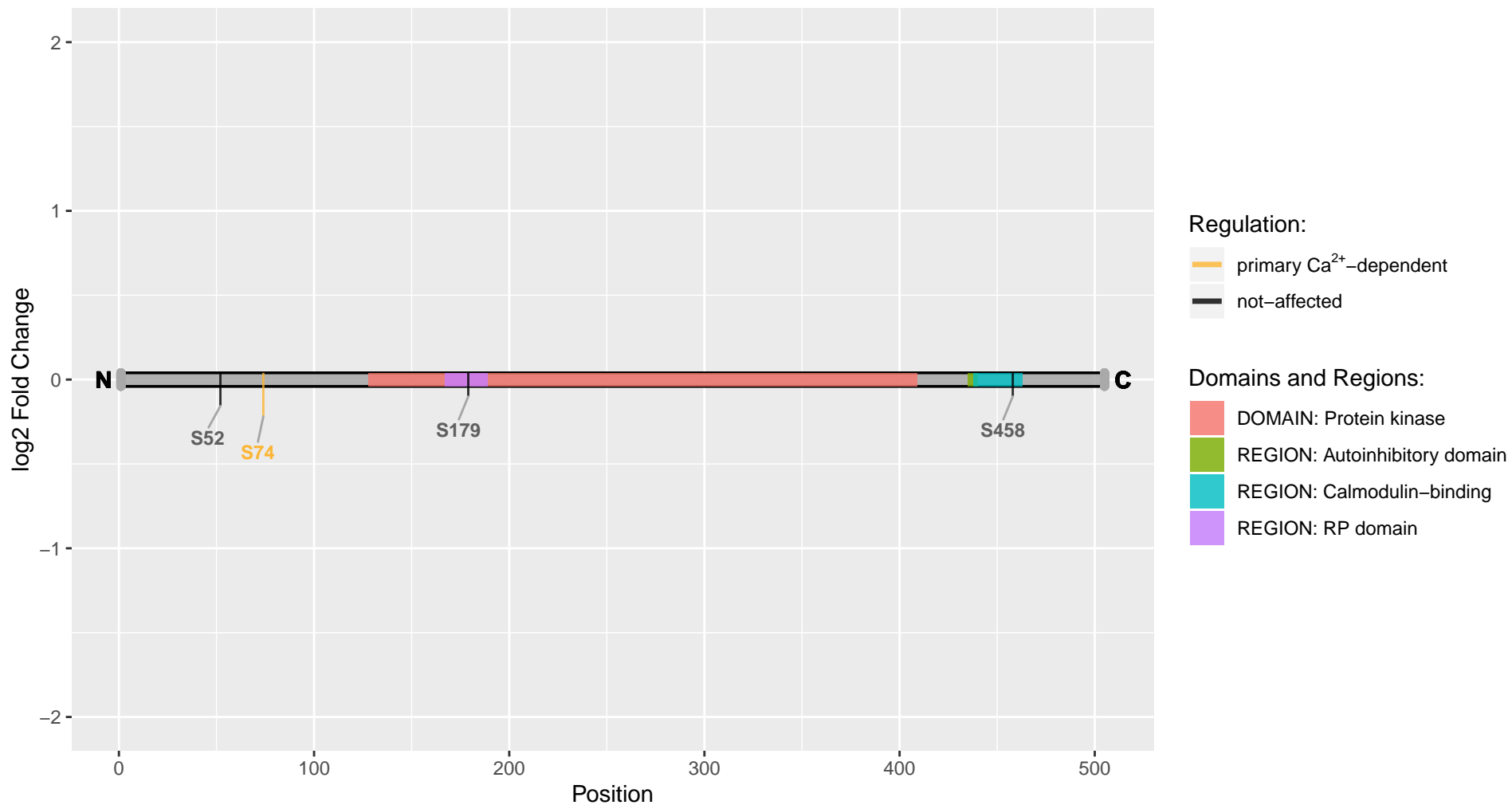
Calcium/calmodulin-dependent protein kinase type II subunit gamma



Camkk1

Uniprot Accession: P97756

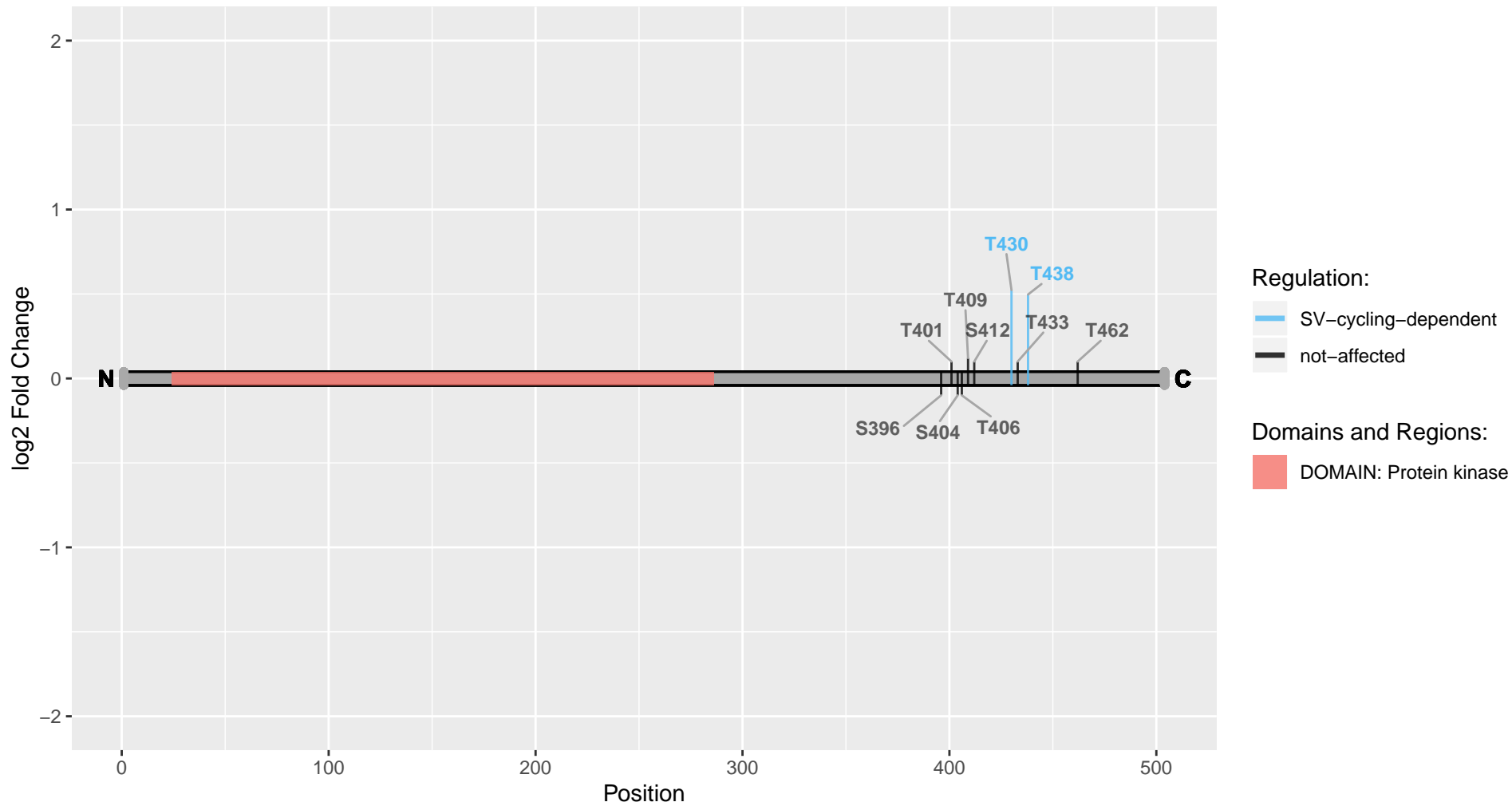
Calcium/calmodulin-dependent protein kinase kinase 1



Camkv

Uniprot Accession: Q63092

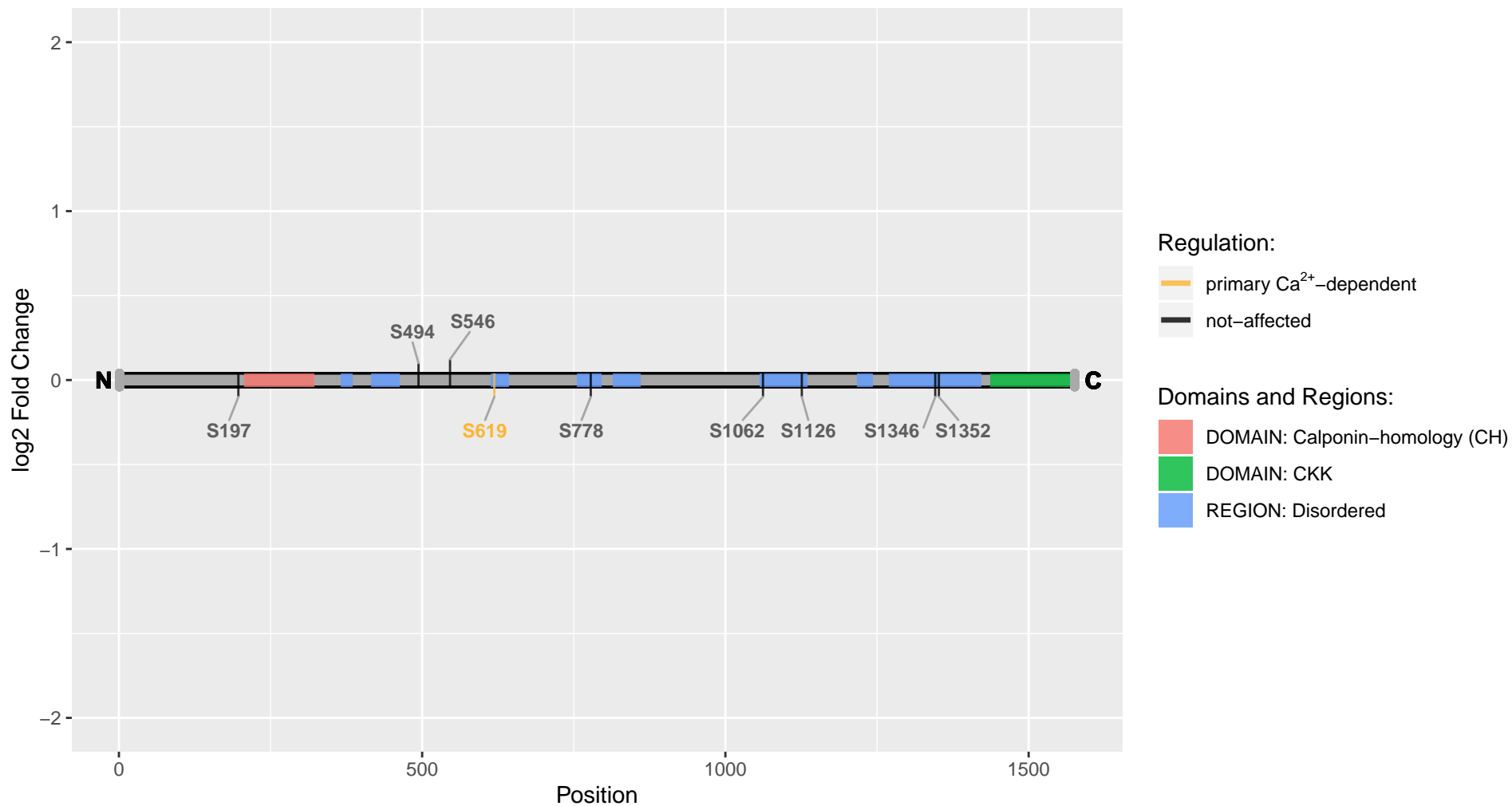
CaM kinase-like vesicle-associated protein



Camsap1

Uniprot Accession: A0A0G2K5T1

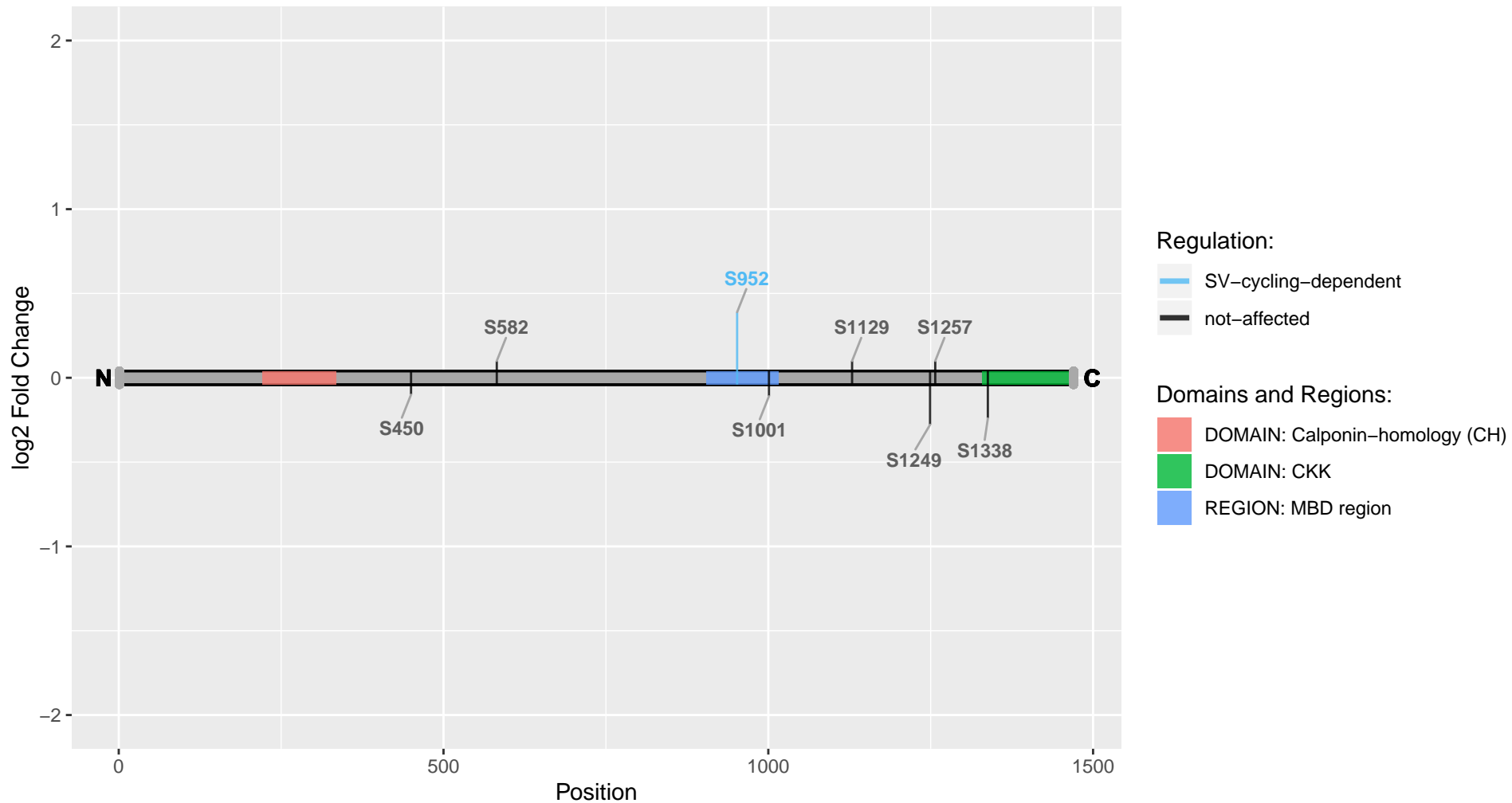
Calmodulin-regulated spectrin-associated protein 1



Camsap2

Uniprot Accession: D4AEC2

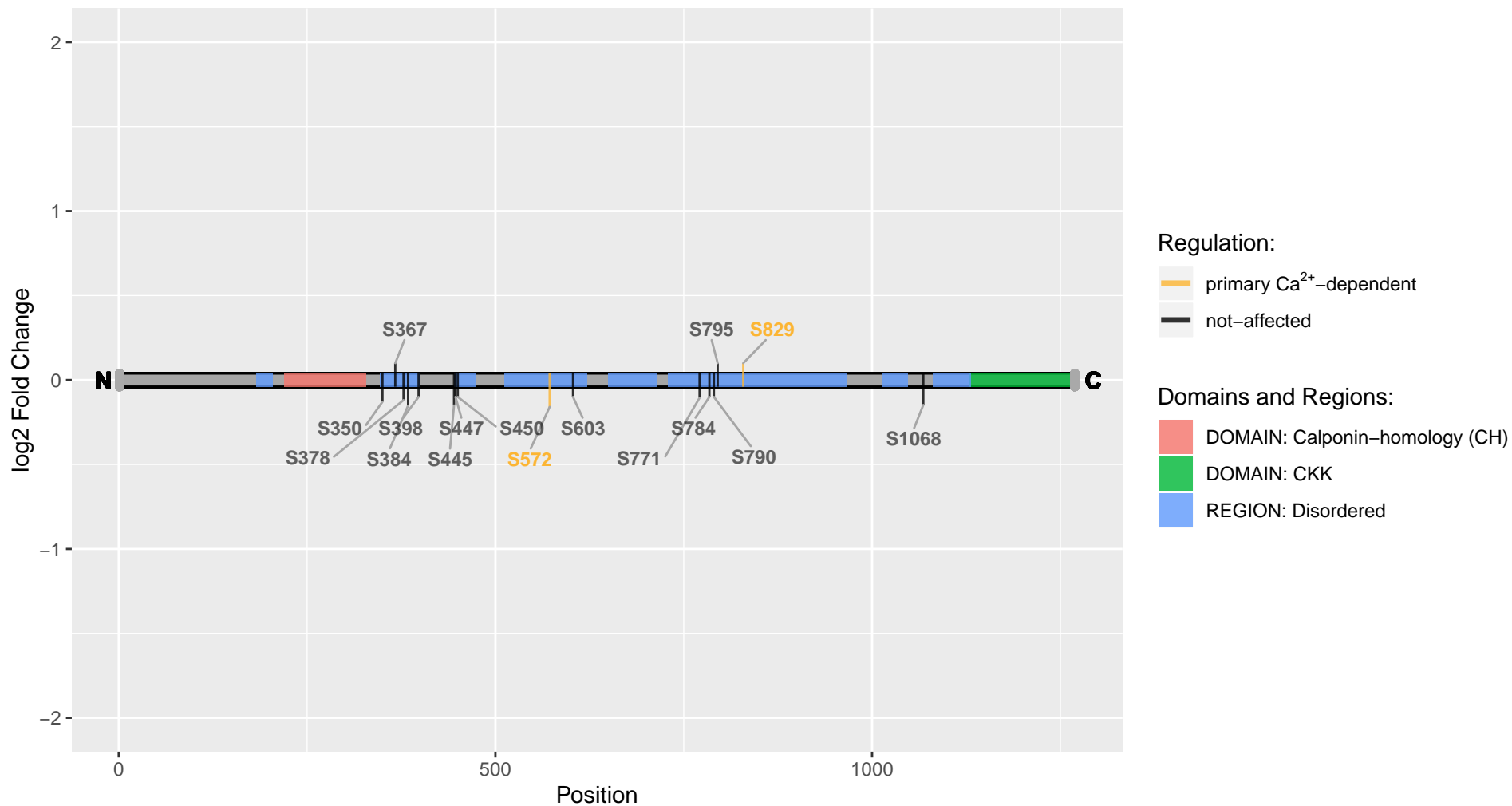
Calmodulin-regulated spectrin-associated protein 2



Camsap3

Uniprot Accession: D3ZXQ2

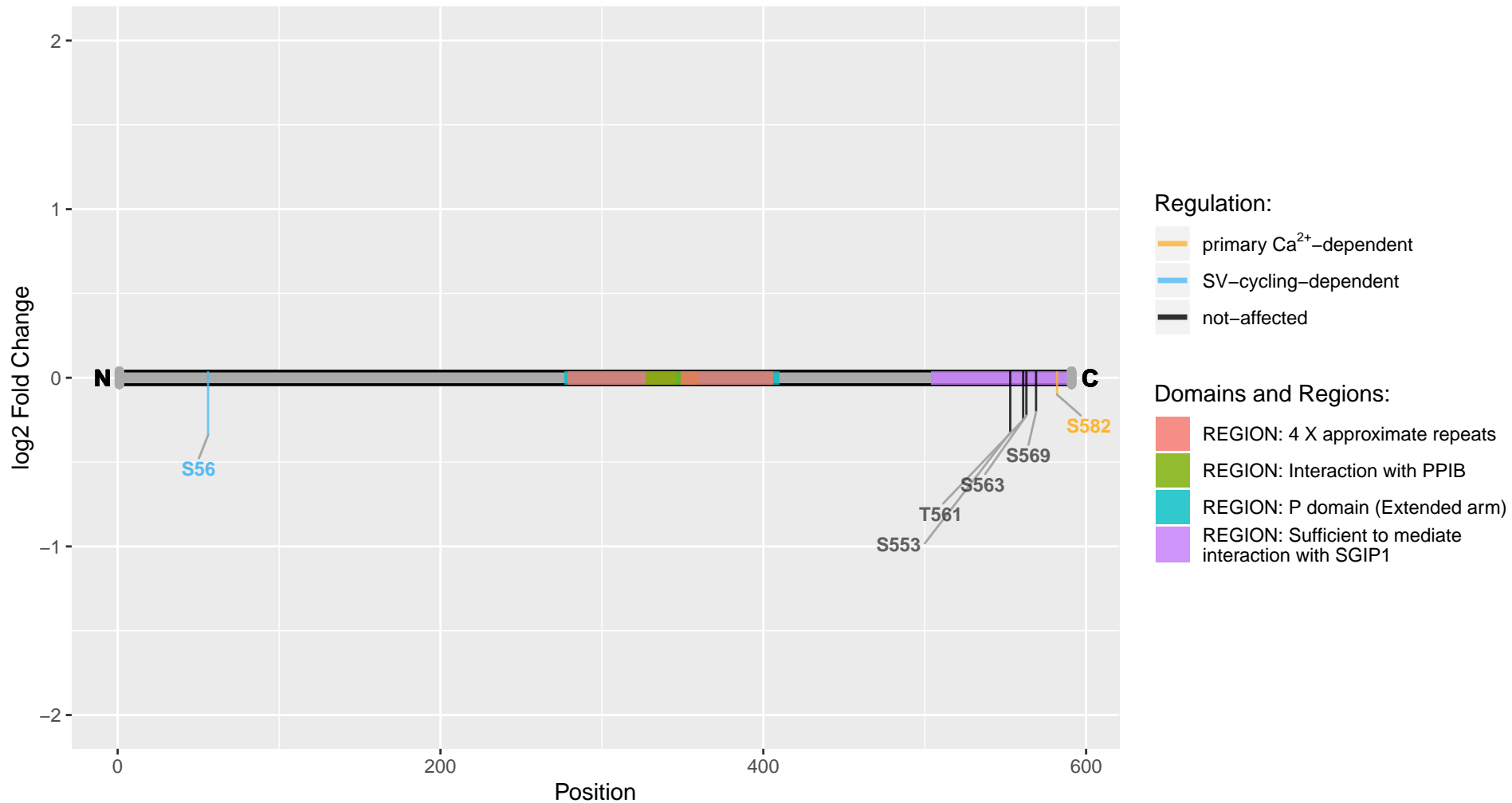
Calmodulin-regulated spectrin-associated protein family, member 3



Canx

Uniprot Accession: P35565

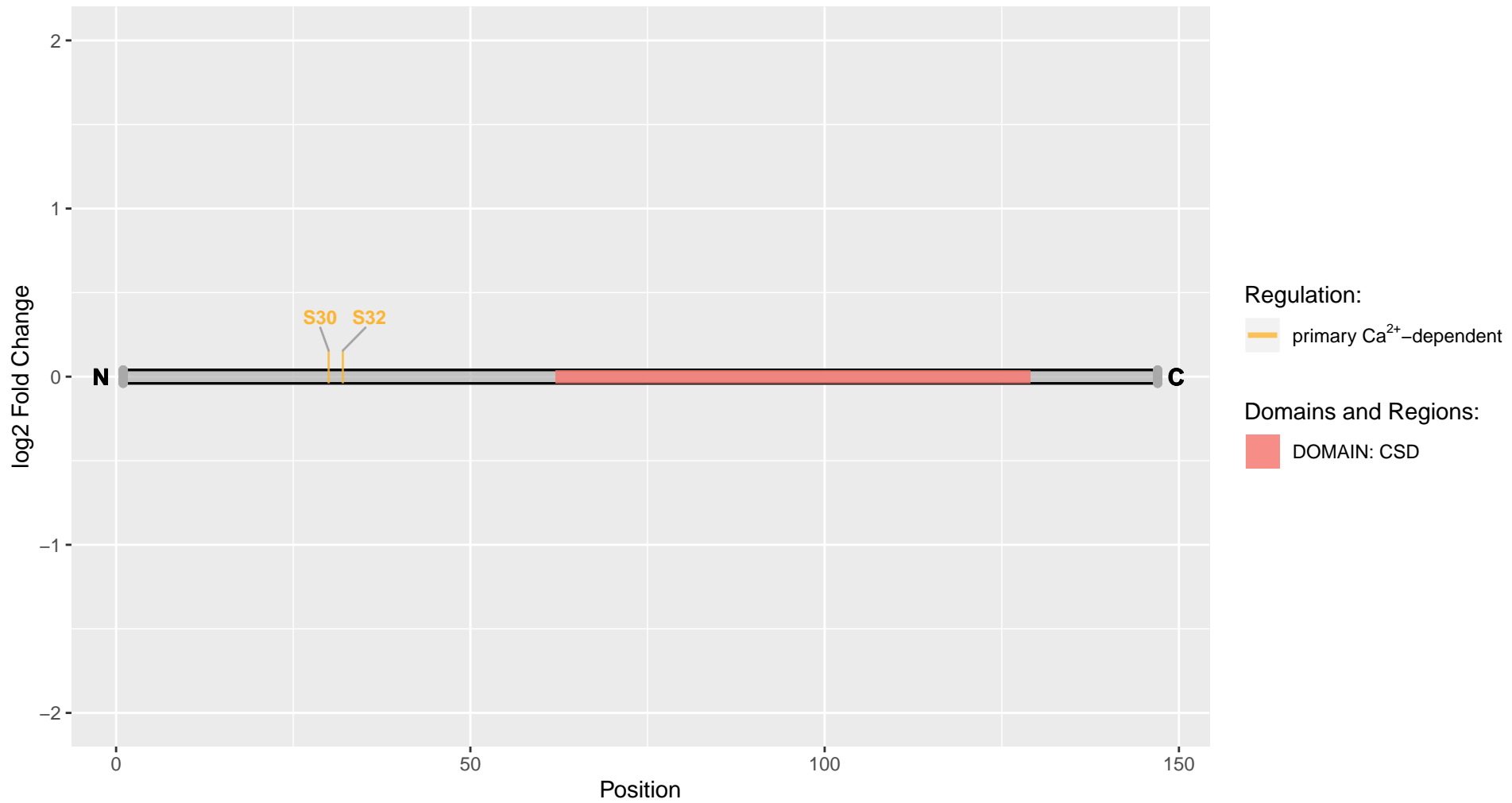
Calnexin



Carhsp1

Uniprot Accession: Q9WU49

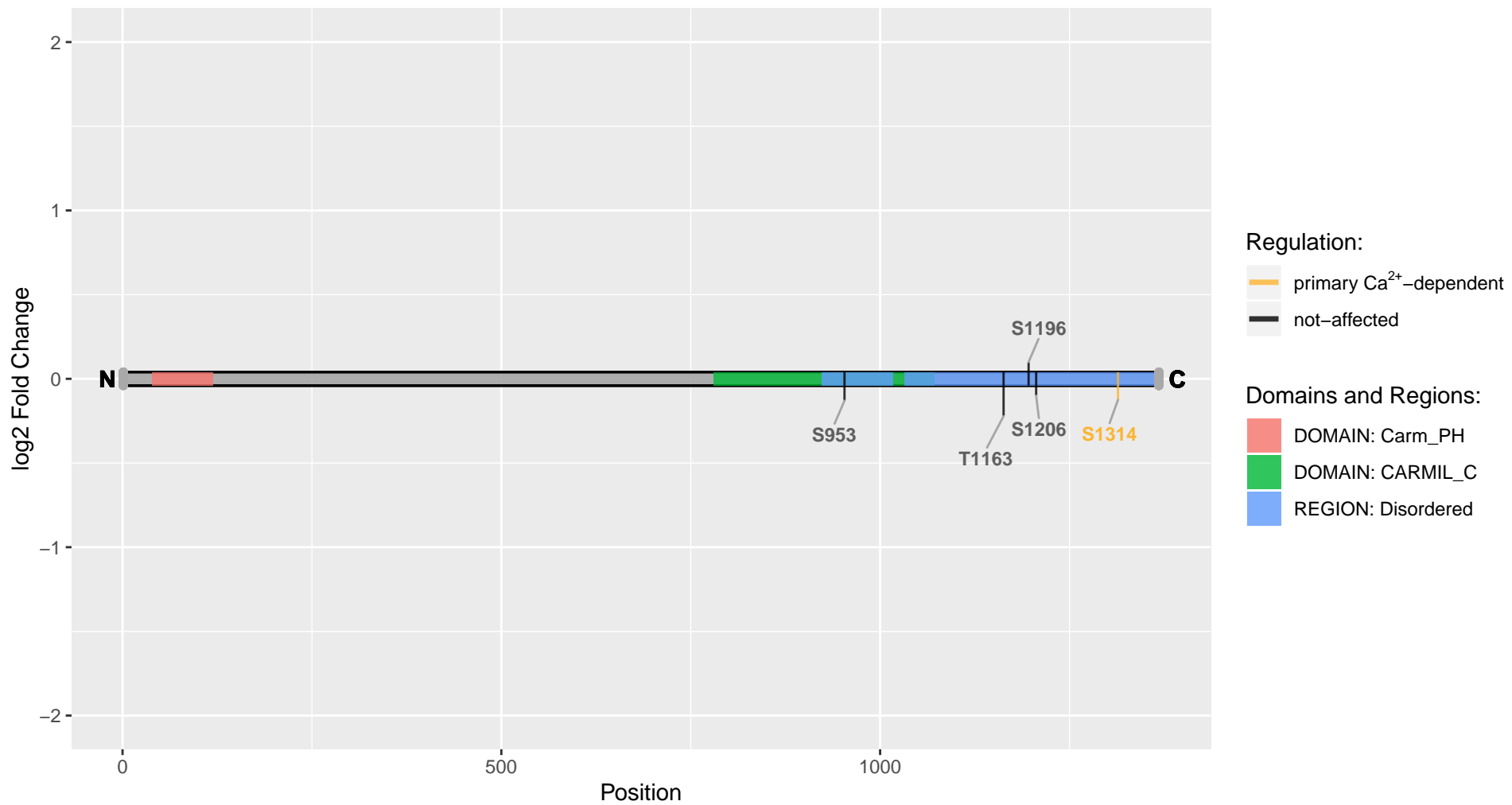
Calcium-regulated heat stable protein 1



Carmil2

Uniprot Accession: D3ZC15

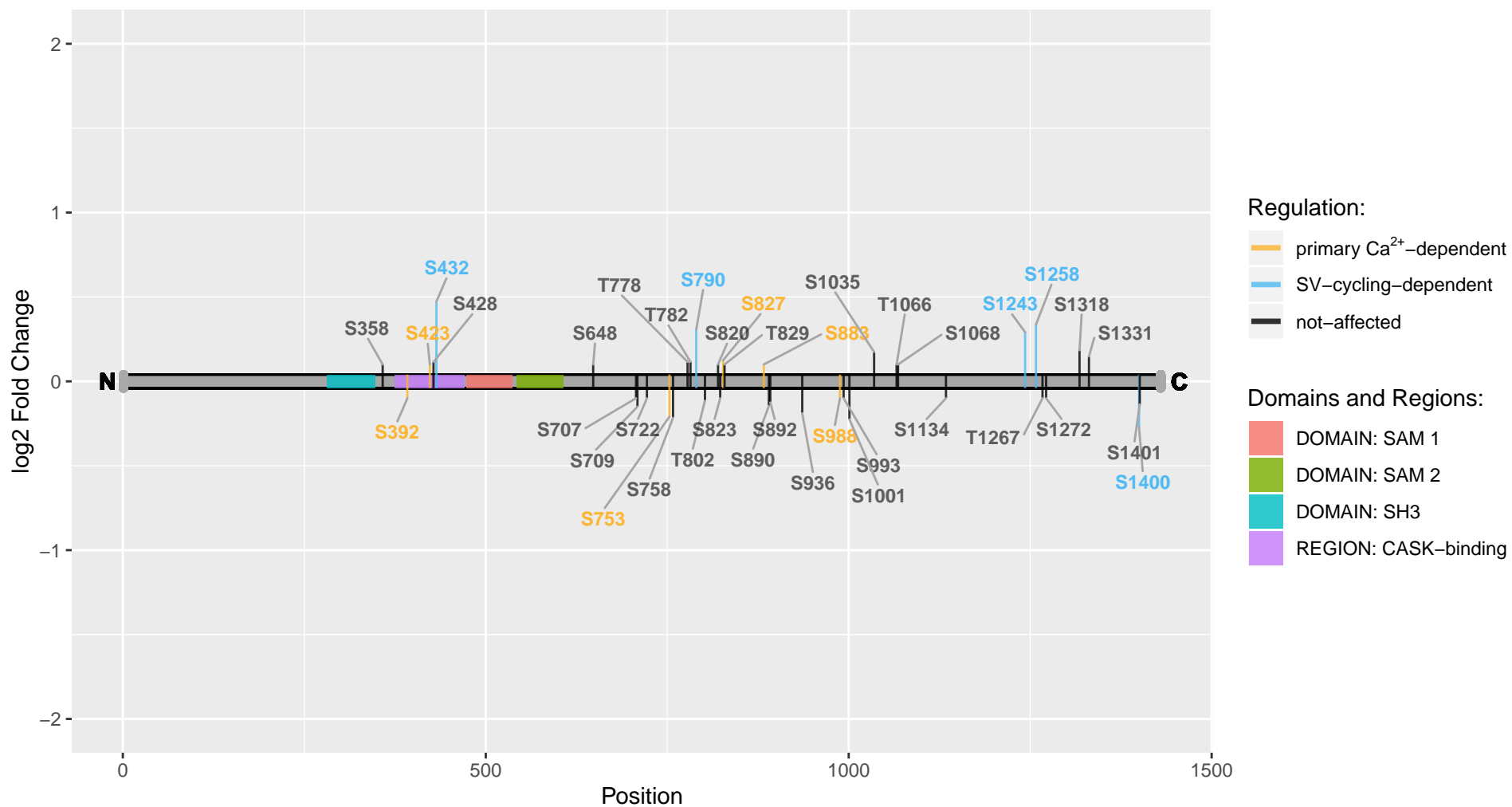
Capping protein regulator and myosin 1 linker 2



Caskin1

Uniprot Accession: Q8VHK2

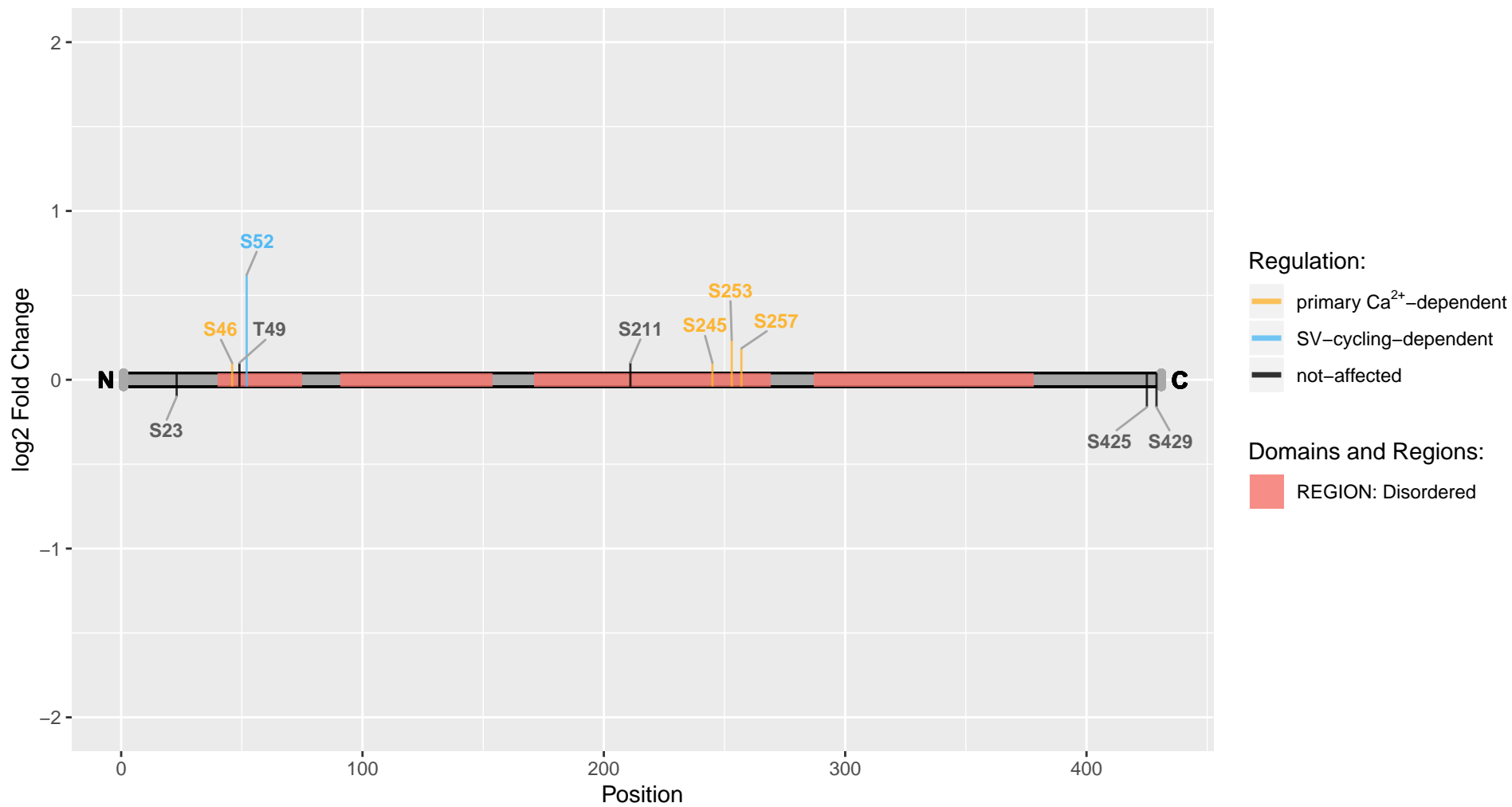
Caskin-1



Cbarp

Uniprot Accession: F1MAS1

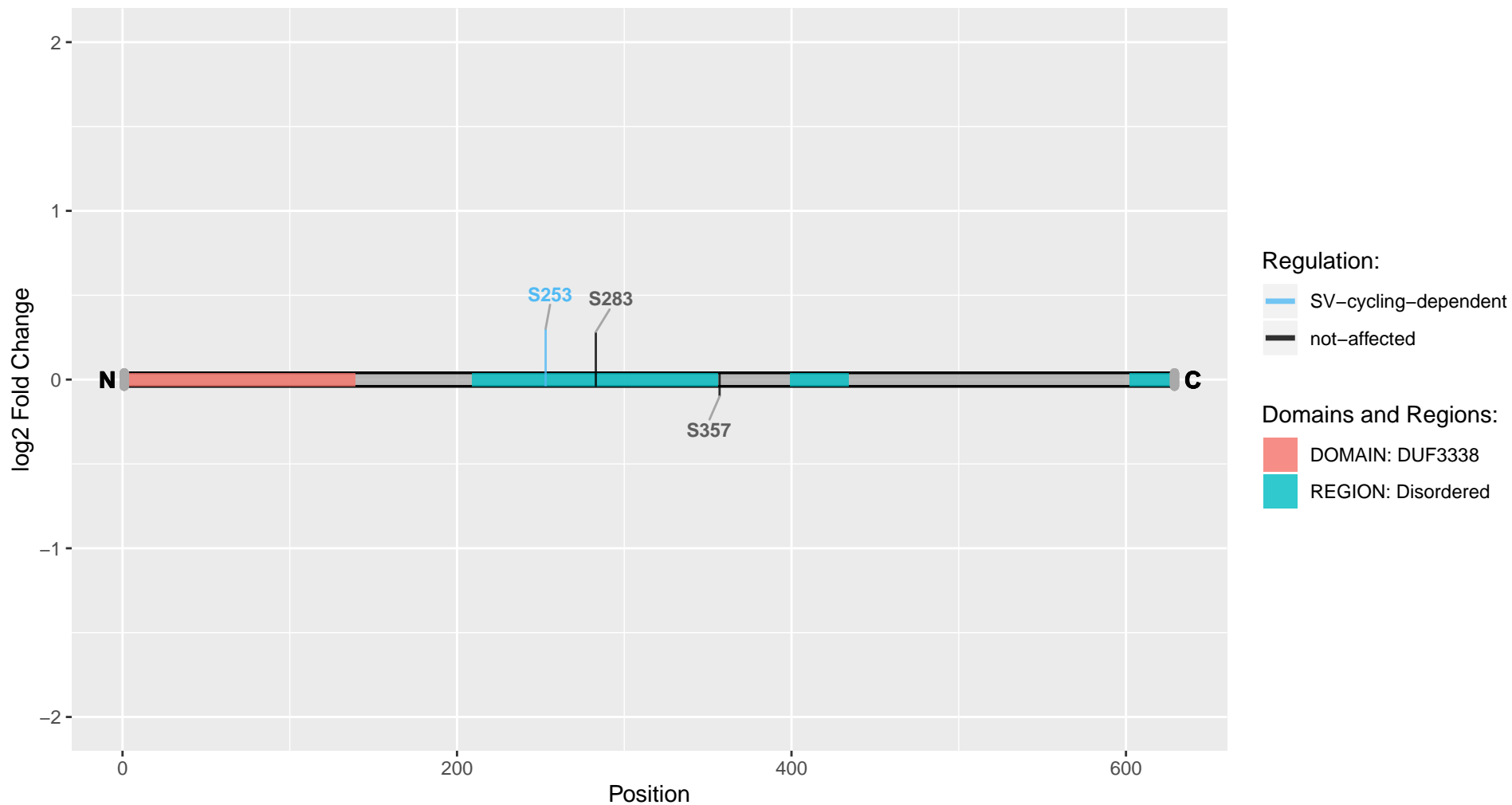
CACN subunit beta-associated regulatory protein



Ccdc120

Uniprot Accession: A0A0G2JUY5

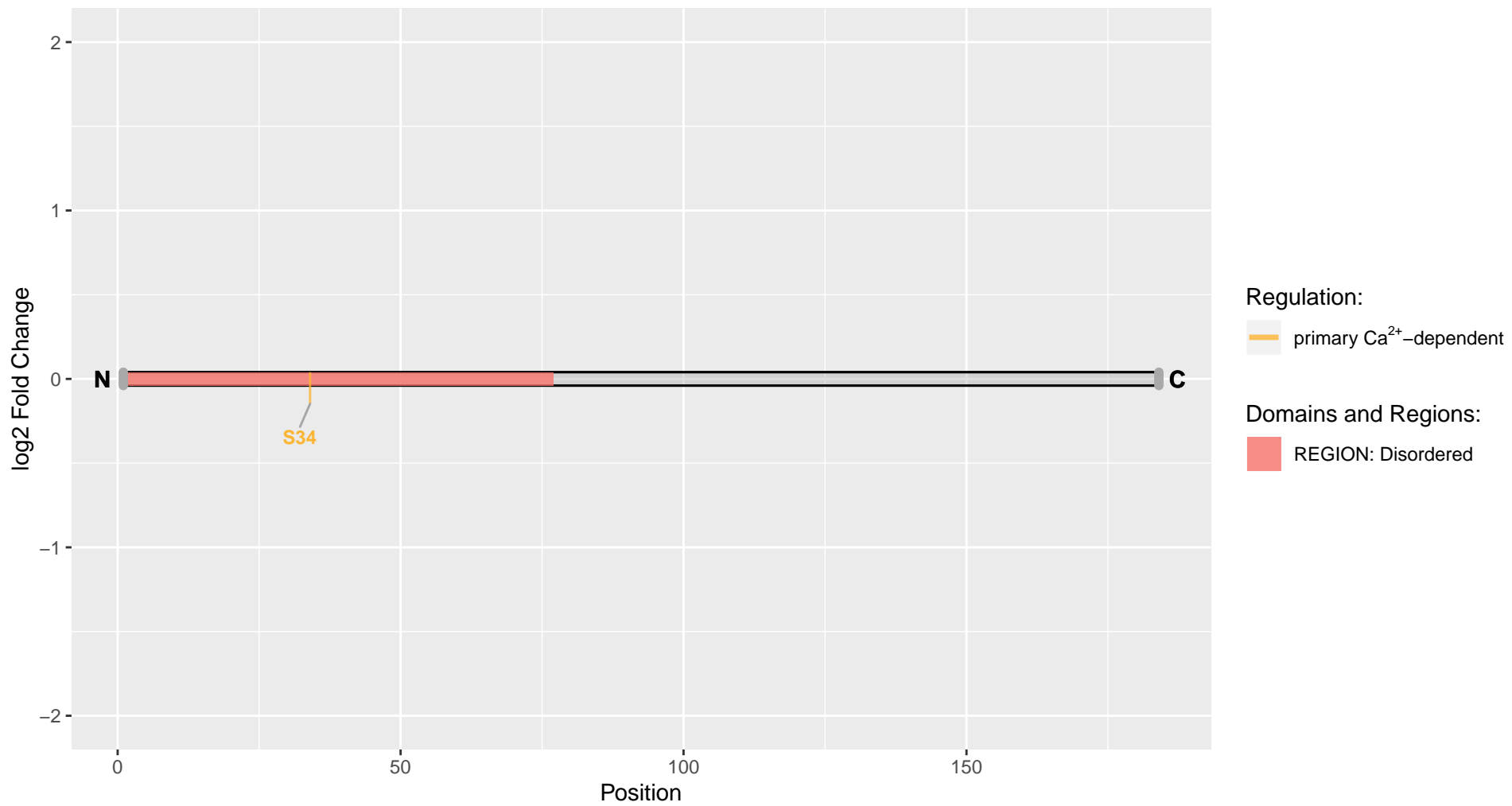
Coiled-coil domain-containing 120



Ccdc28a

Uniprot Accession: Q498D0

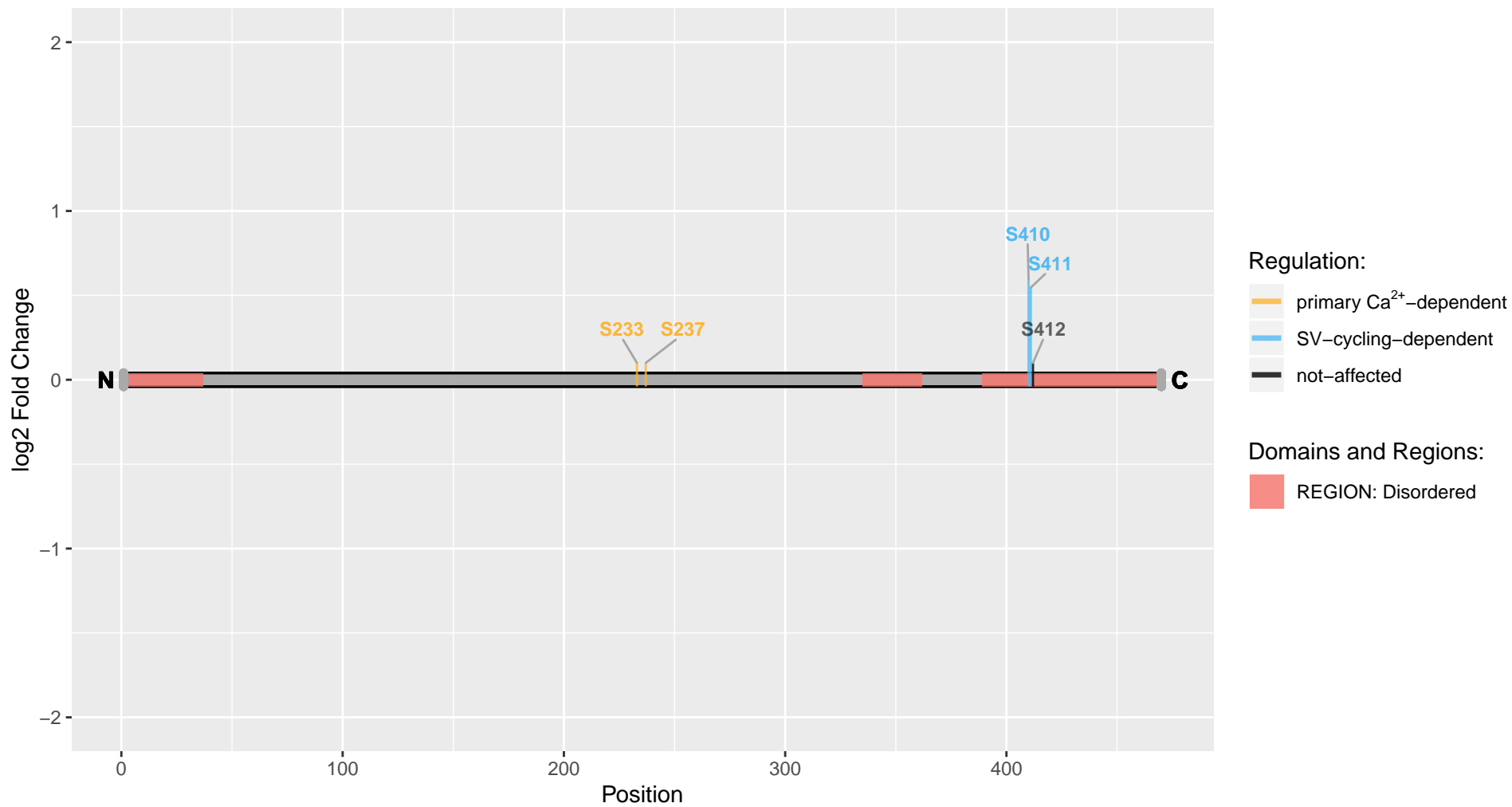
Coiled-coil domain-containing 28A



Ccdc6

Uniprot Accession: D4AEK9

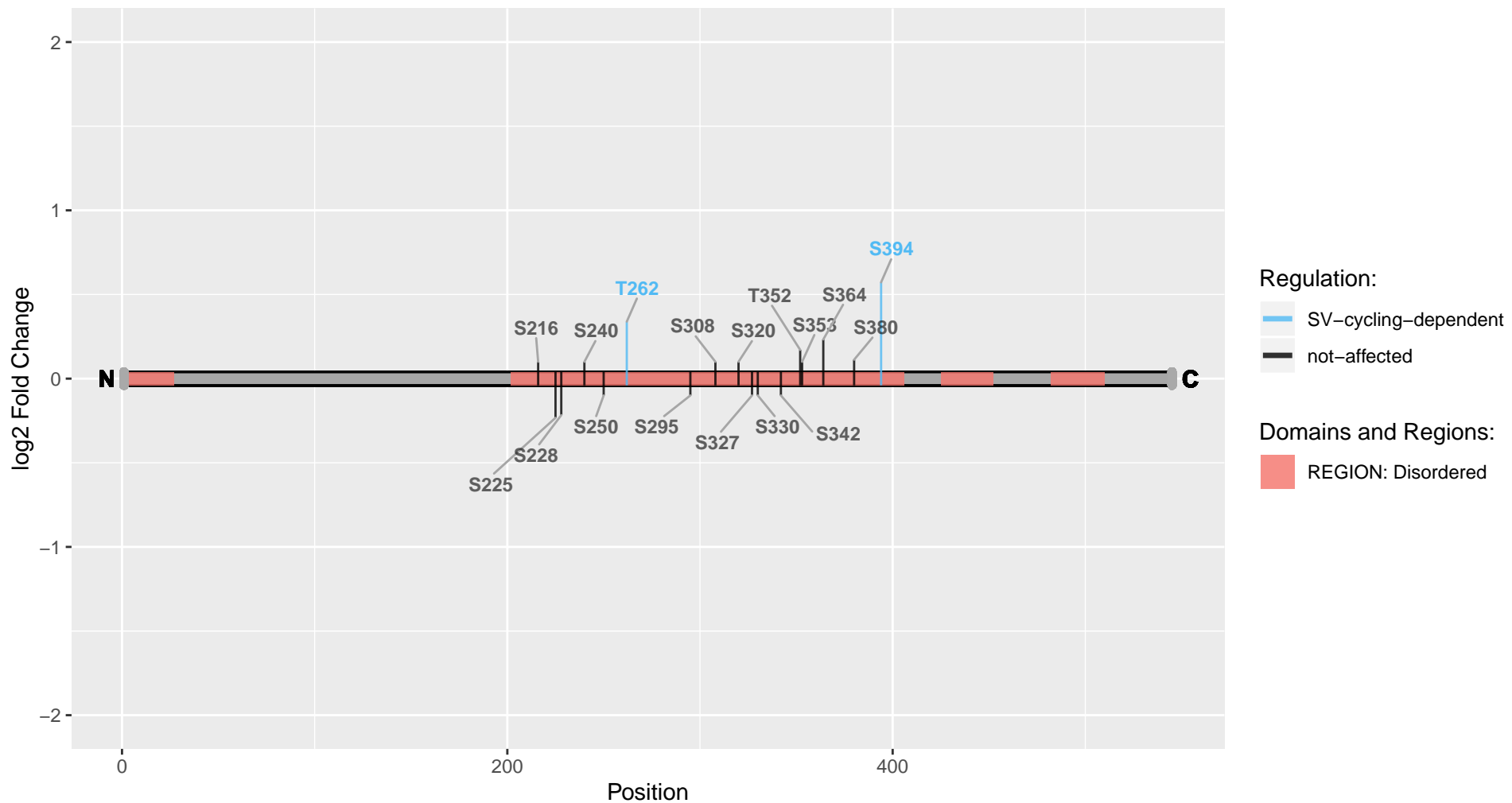
Coiled-coil domain-containing 6



Ccdc85a

Uniprot Accession: D3ZMD4

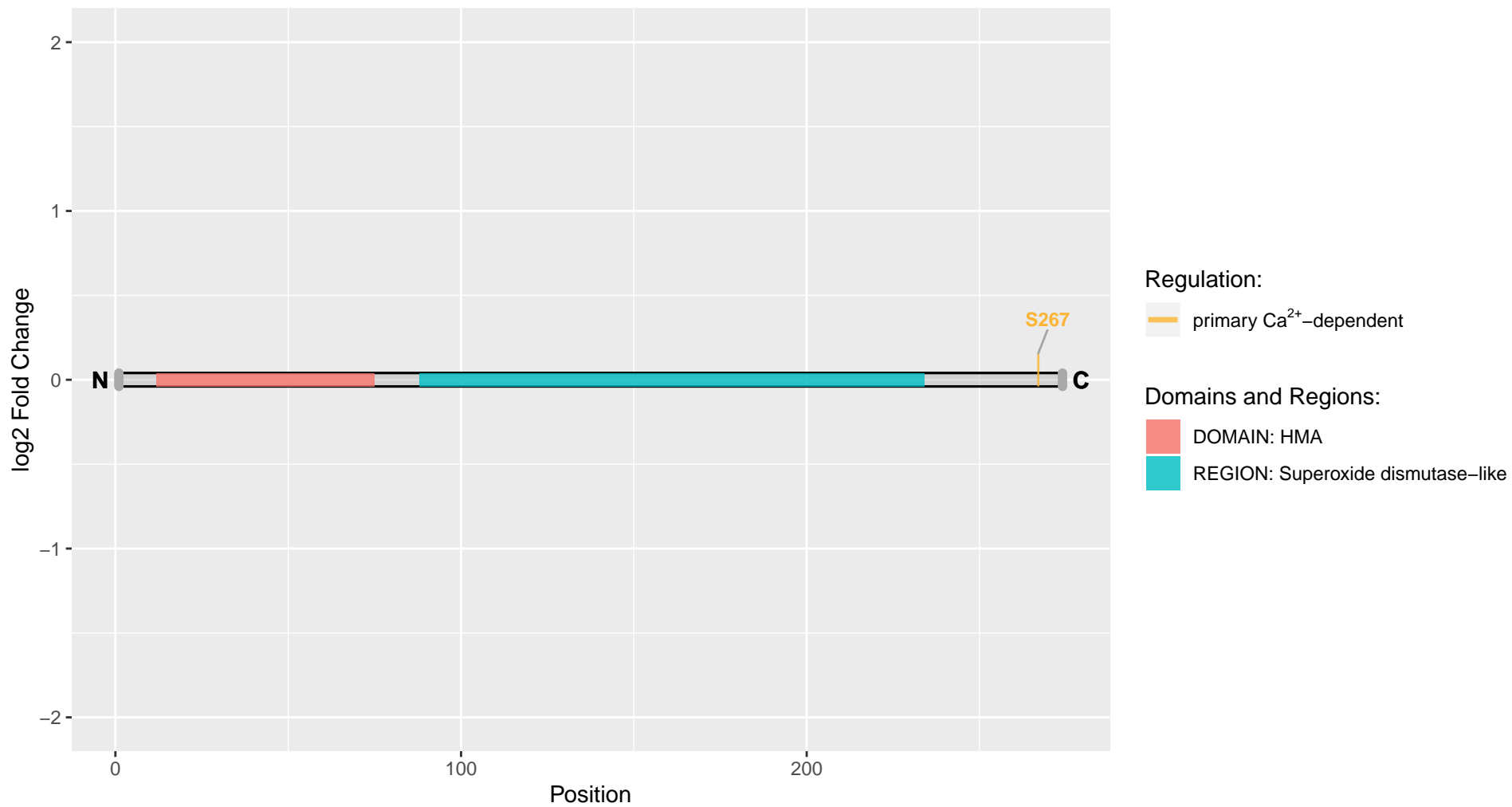
Coiled-coil domain-containing protein 85A-like



Ccs

Uniprot Accession: Q9JK72

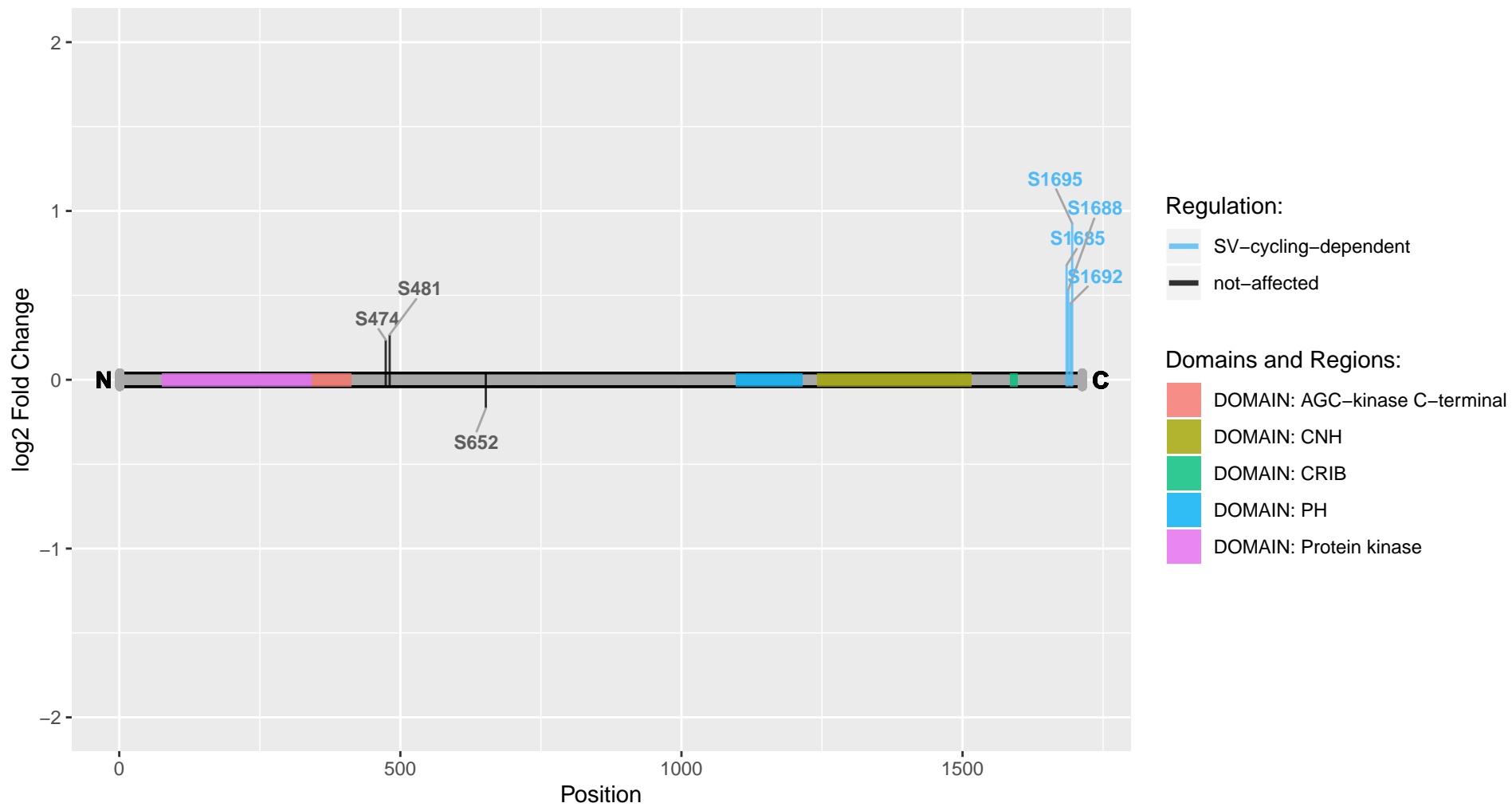
Copper chaperone for superoxide dismutase



Cdc42bpb

Uniprot Accession: Q7TT49

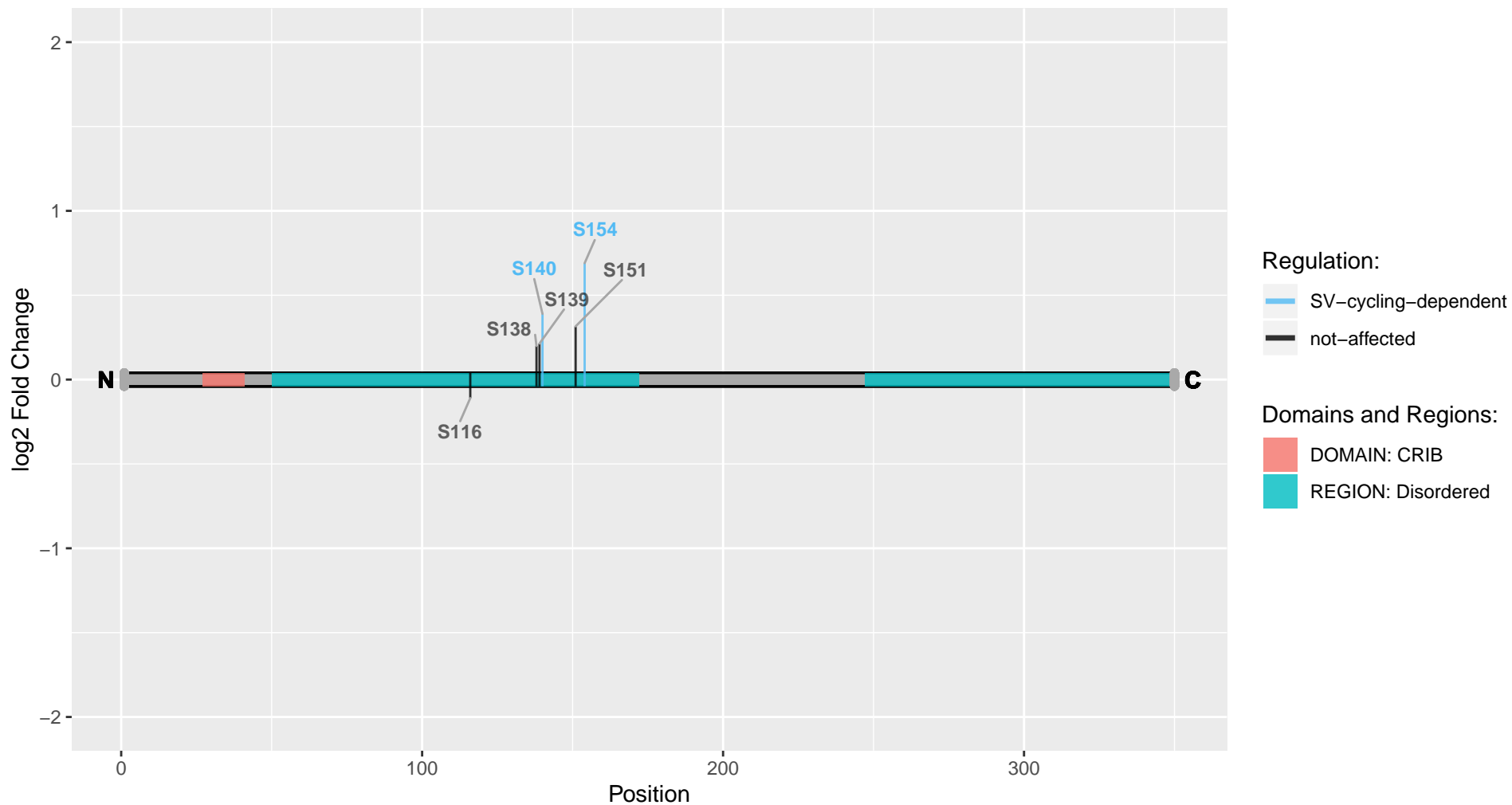
Serine/threonine-protein kinase MRCK beta



Cdc42ep4

Uniprot Accession: B1WC33

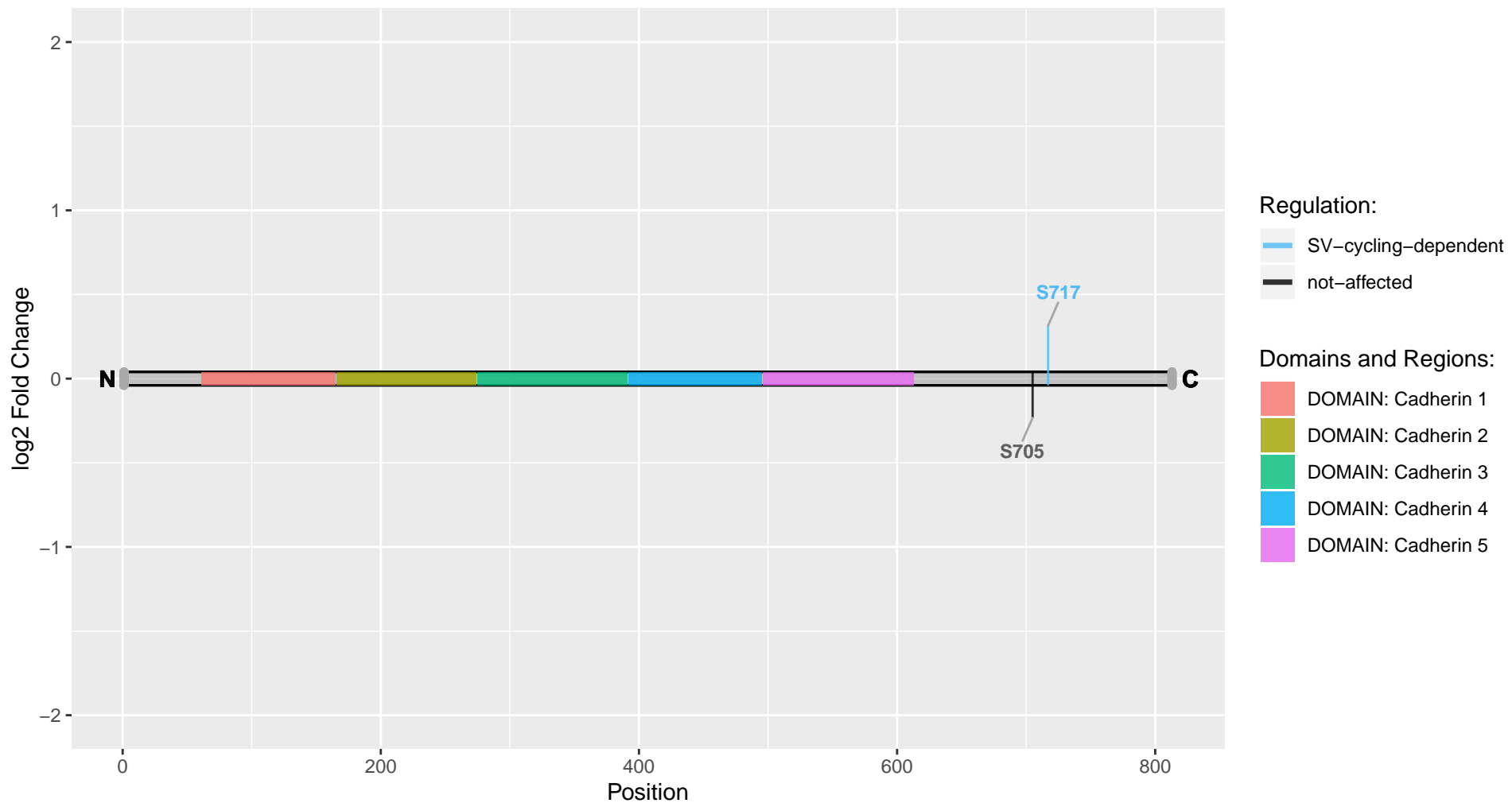
CDC42 effector protein (Rho GTPase binding) 4 (Predicted), isoform CRA_a



Cdh22

Uniprot Accession: Q63315

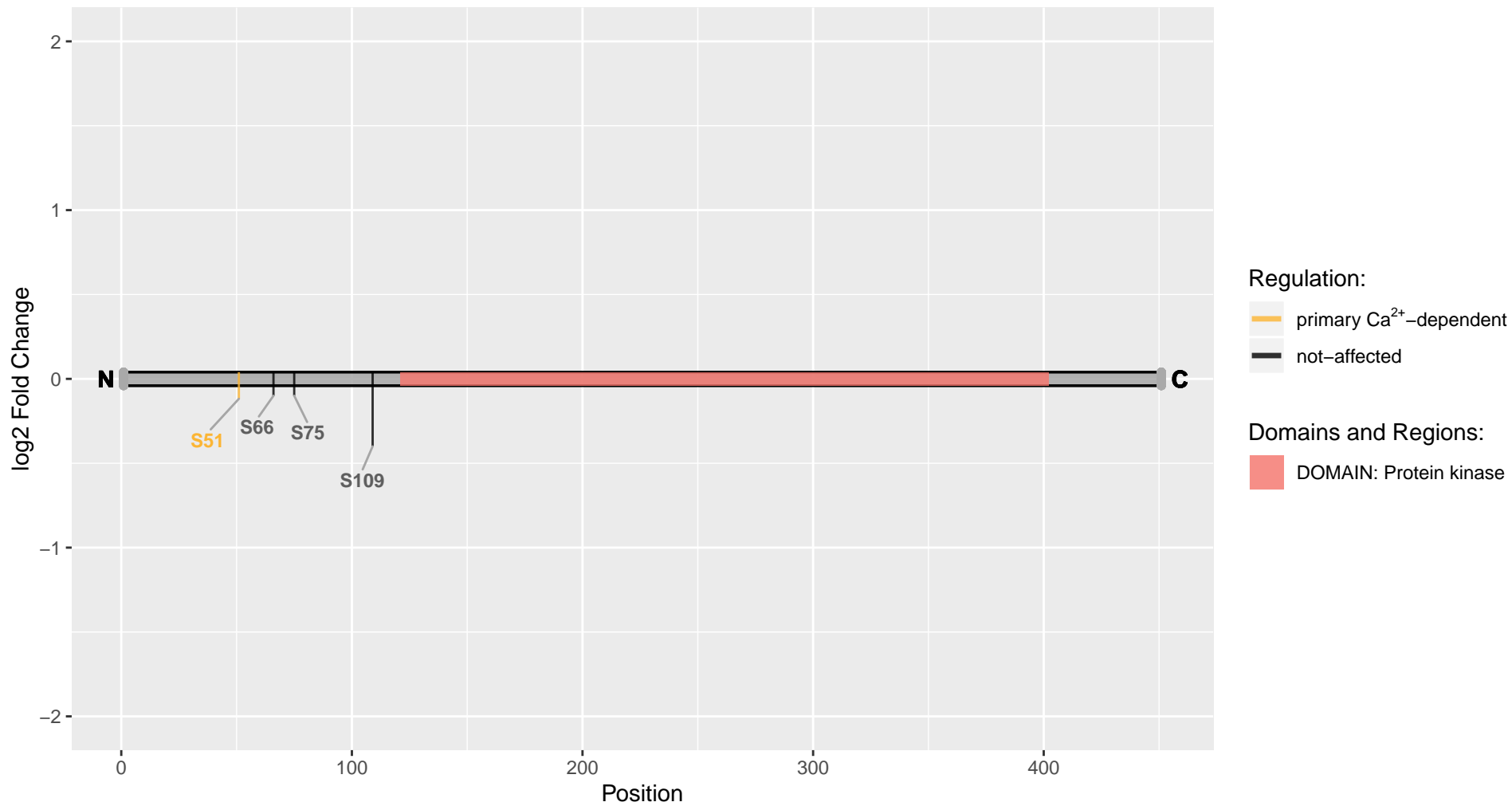
Cadherin-22



Cdk18

Uniprot Accession: O35832

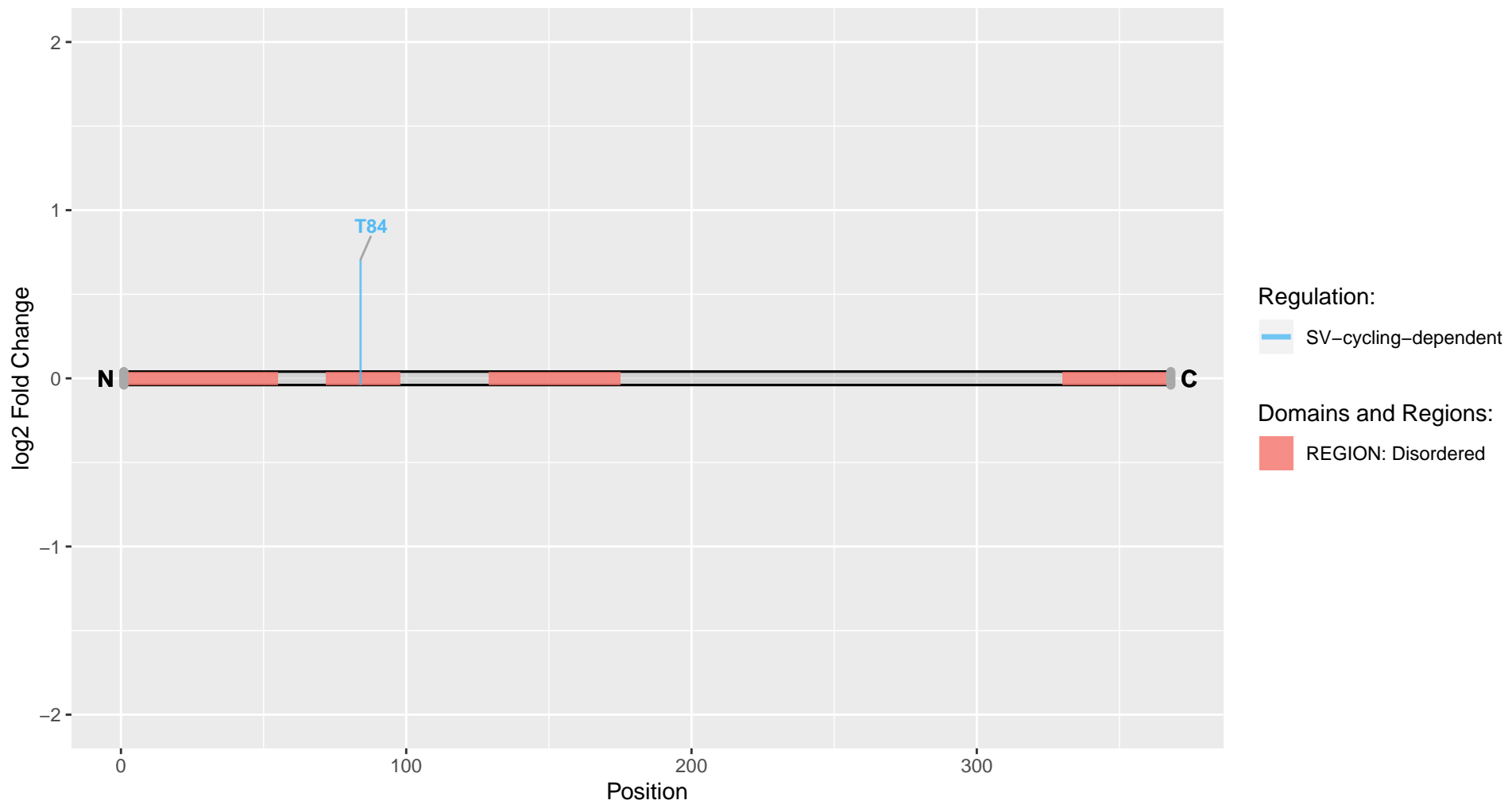
Cyclin-dependent kinase 18



Cdk5r2

Uniprot Accession: F1M491

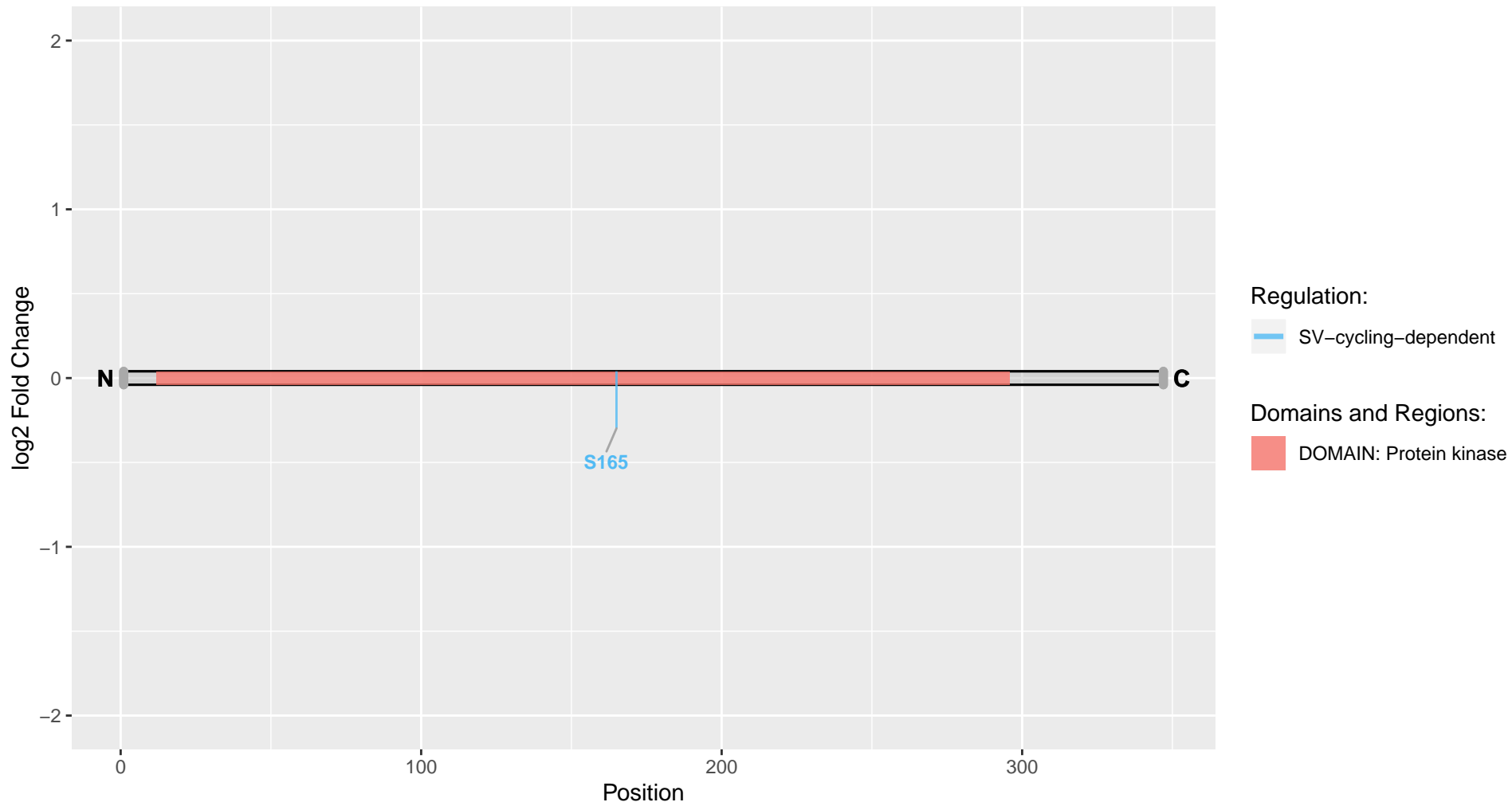
Cyclin-dependent kinase 5 activator



Cdk7

Uniprot Accession: F1LQC8

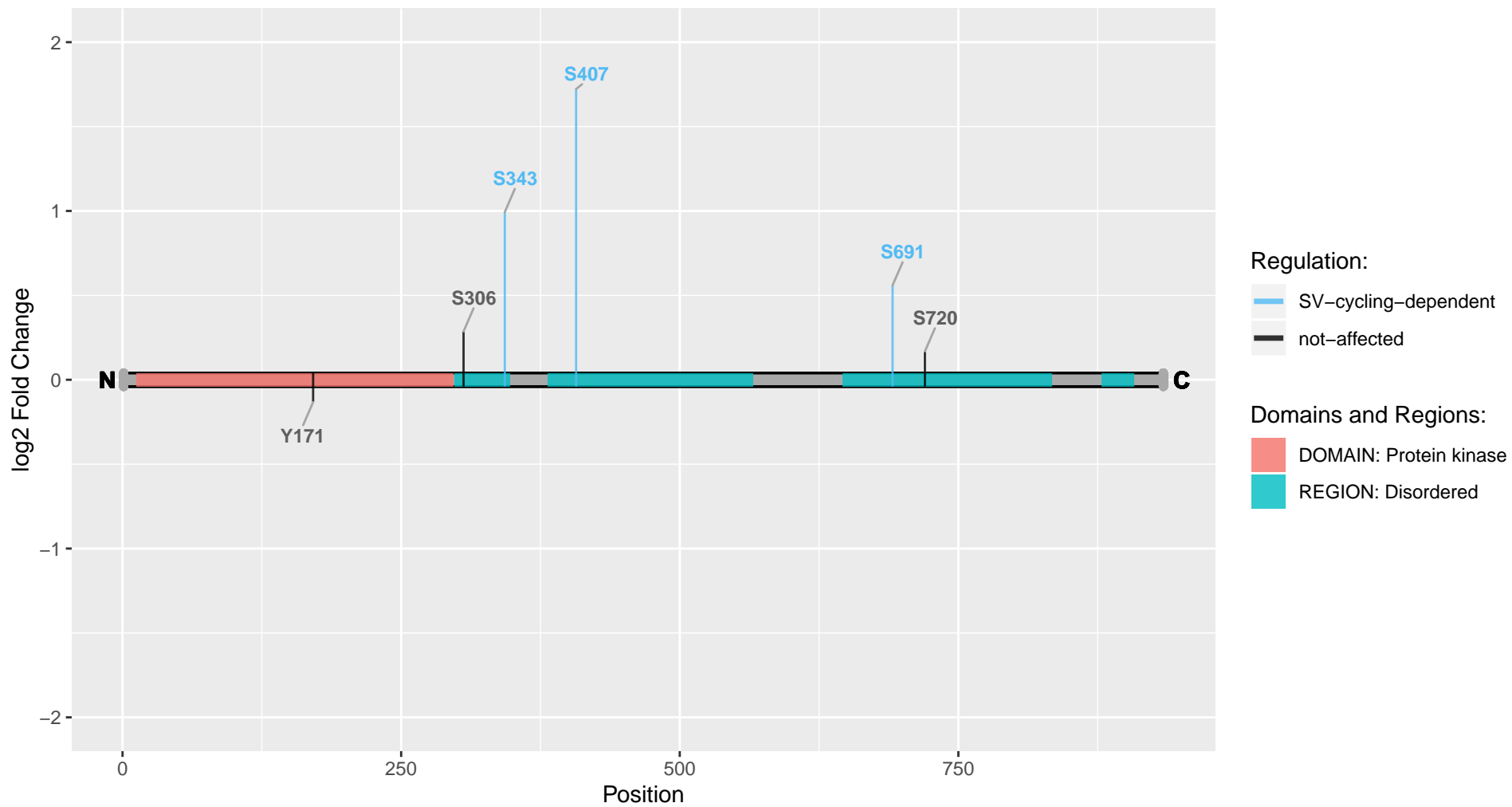
Cyclin-dependent kinase 7



Cdk15

Uniprot Accession: D3ZG85

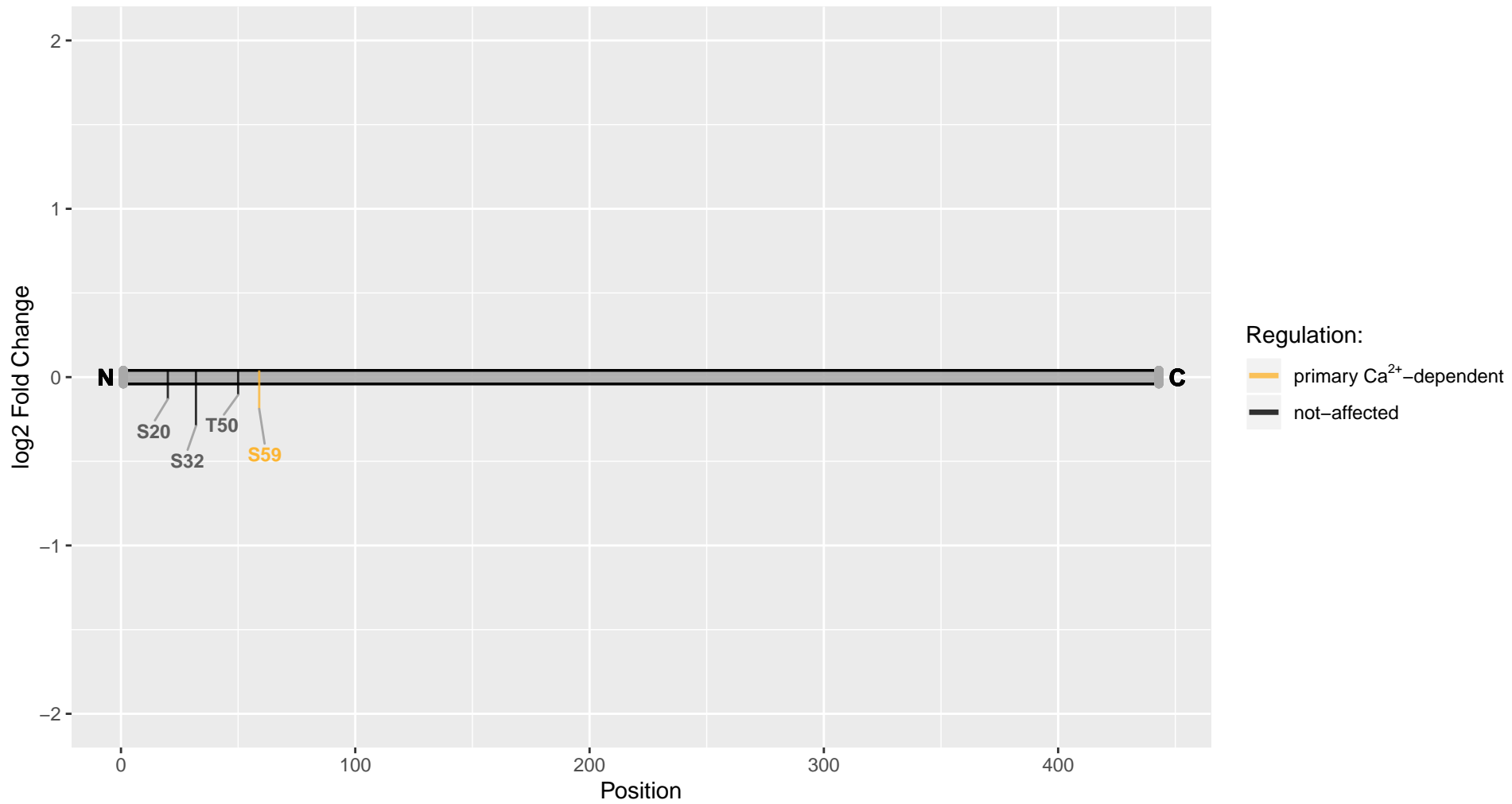
Cyclin-dependent kinase-like 5



Cds2

Uniprot Accession: Q91XU8

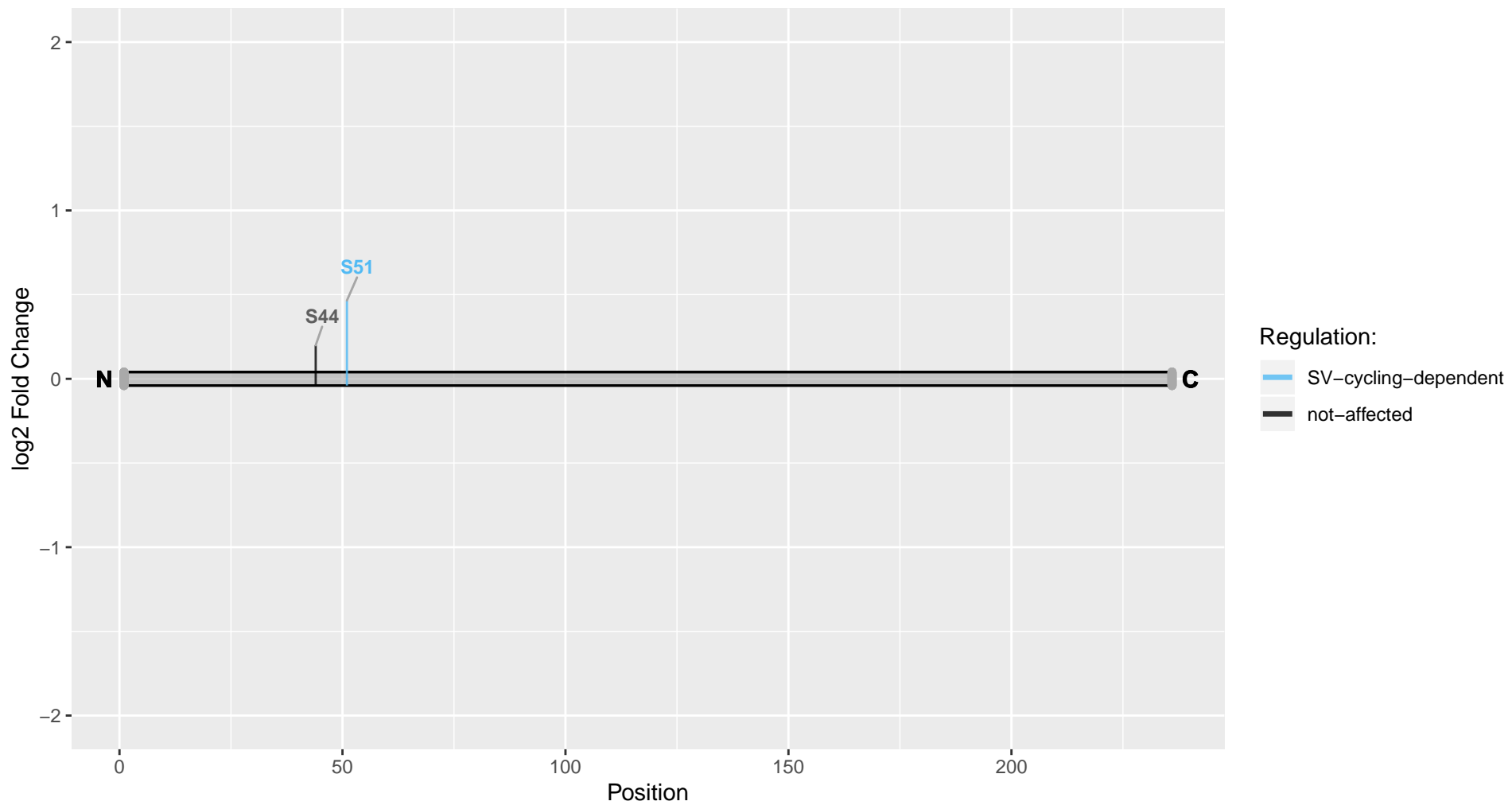
Phosphatidate cytidyltransferase 2



Cdv3

Uniprot Accession: Q5XIM5

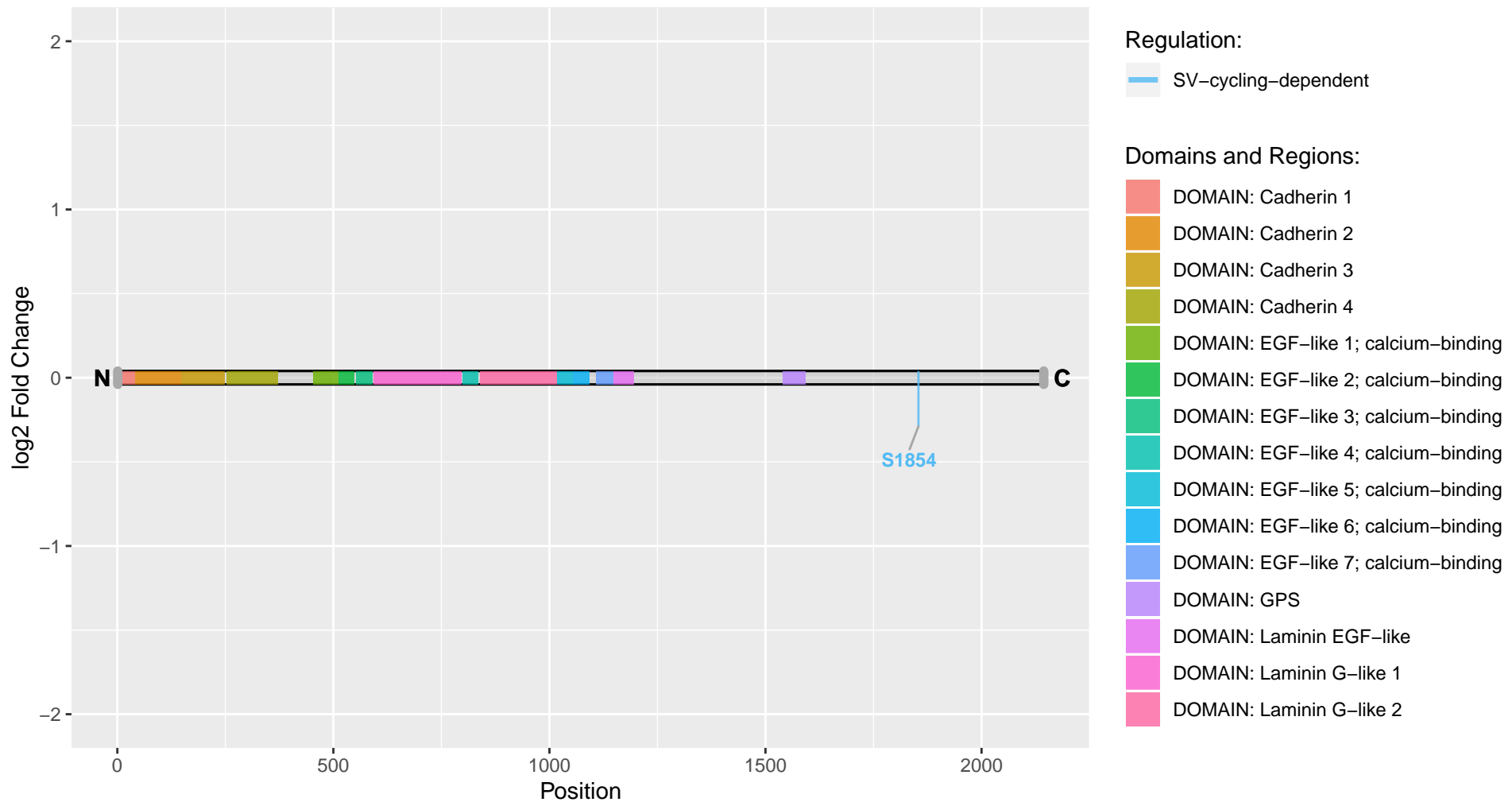
Protein CDV3 homolog



Celsr2

Uniprot Accession: Q9QYP2

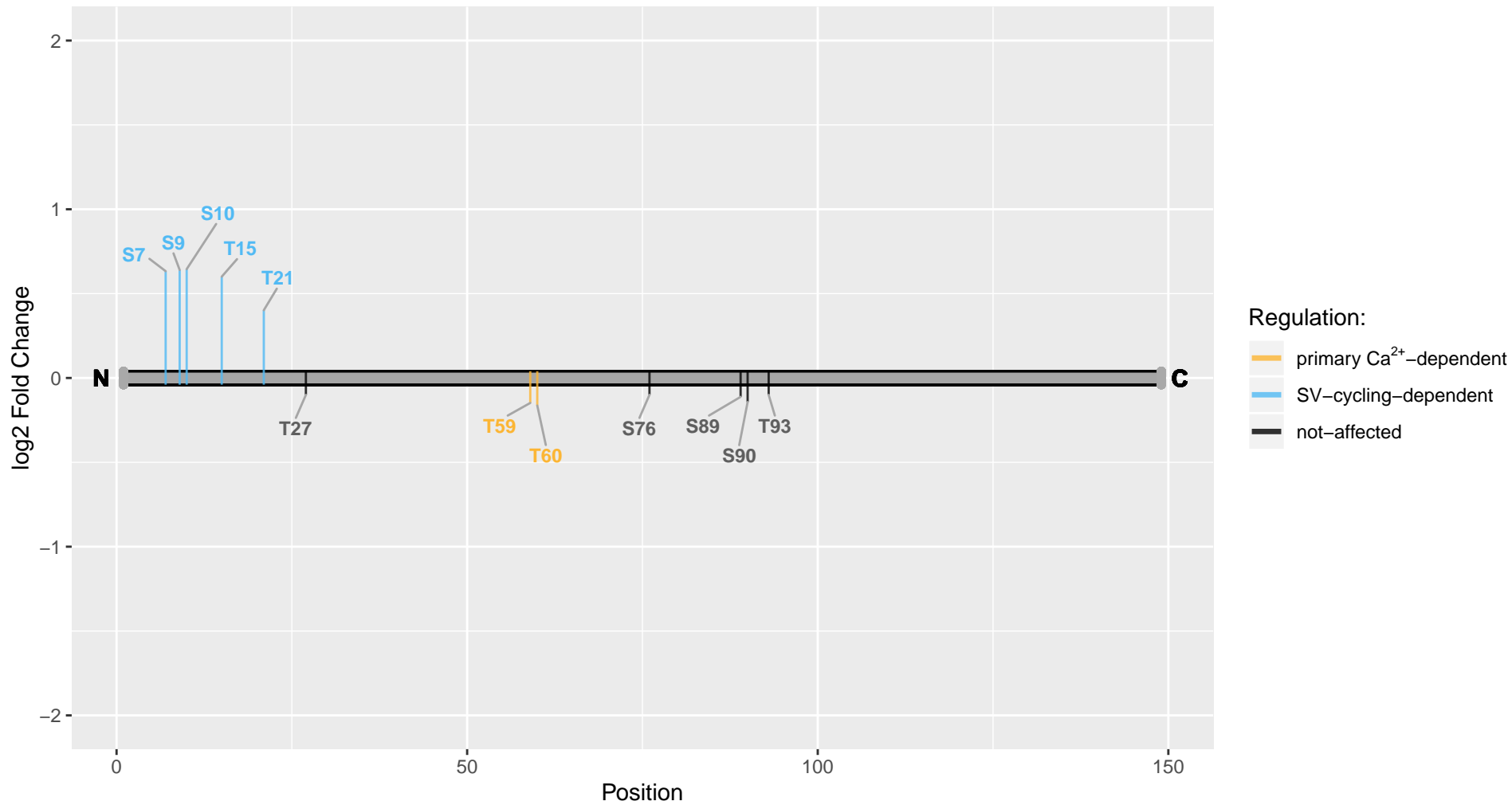
Cadherin EGF LAG seven-pass G-type receptor 2 (Fragment)



Cend1

Uniprot Accession: Q5FVI4

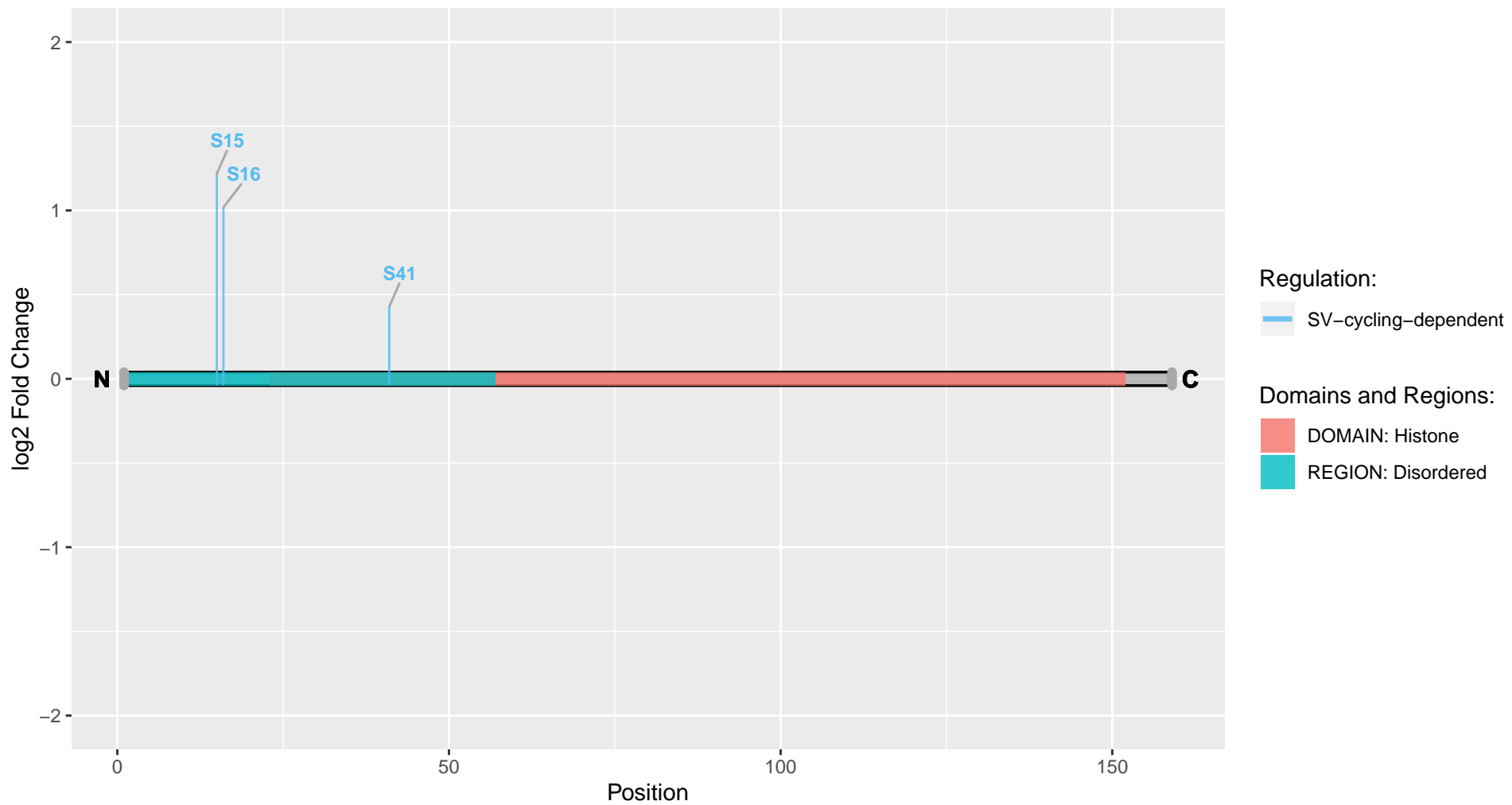
Cell cycle exit and neuronal differentiation protein 1



Cenpa

Uniprot Accession: B2RZ23

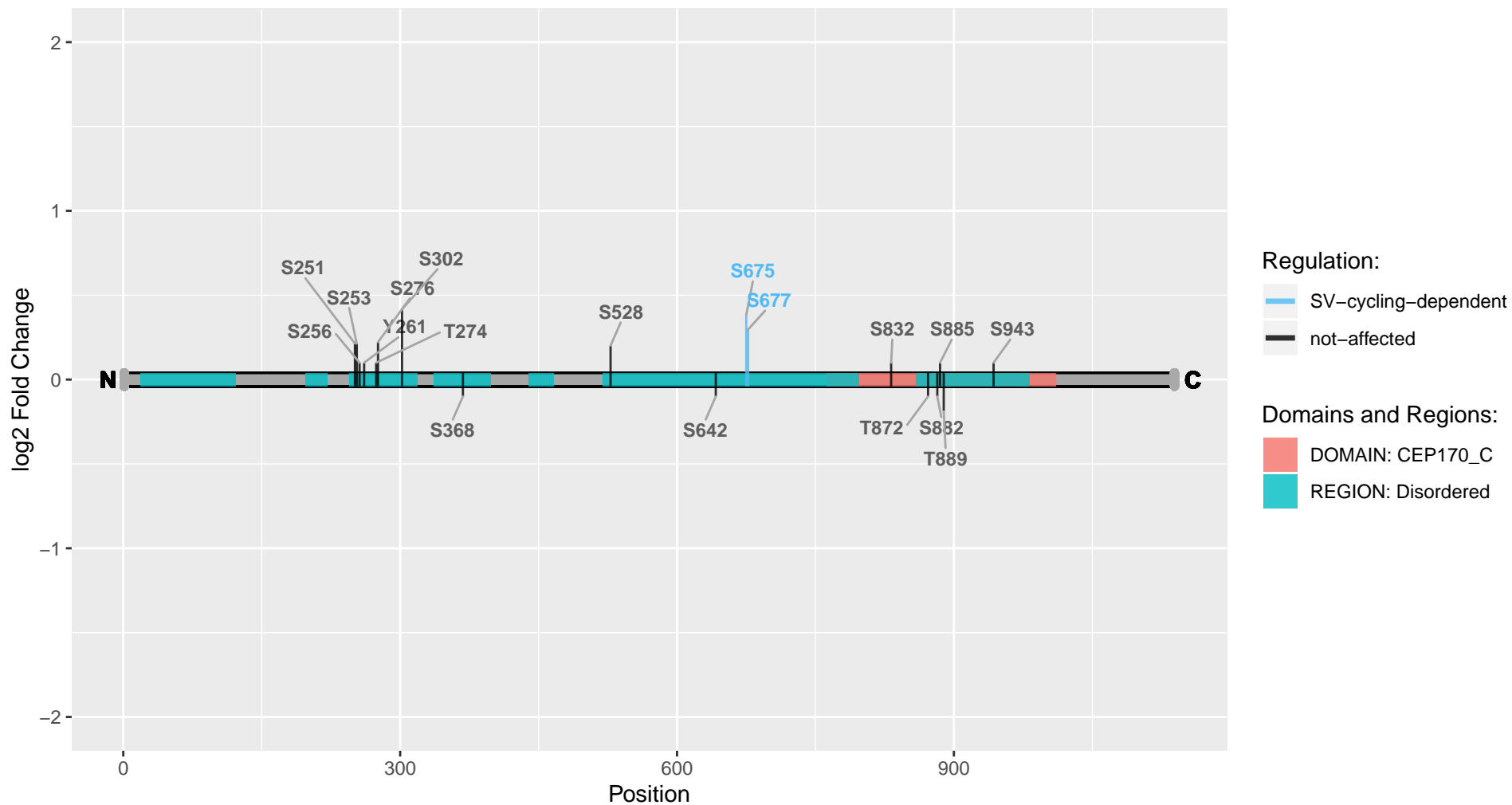
Centromere protein A



Cep170

Uniprot Accession: A0A0G2K315

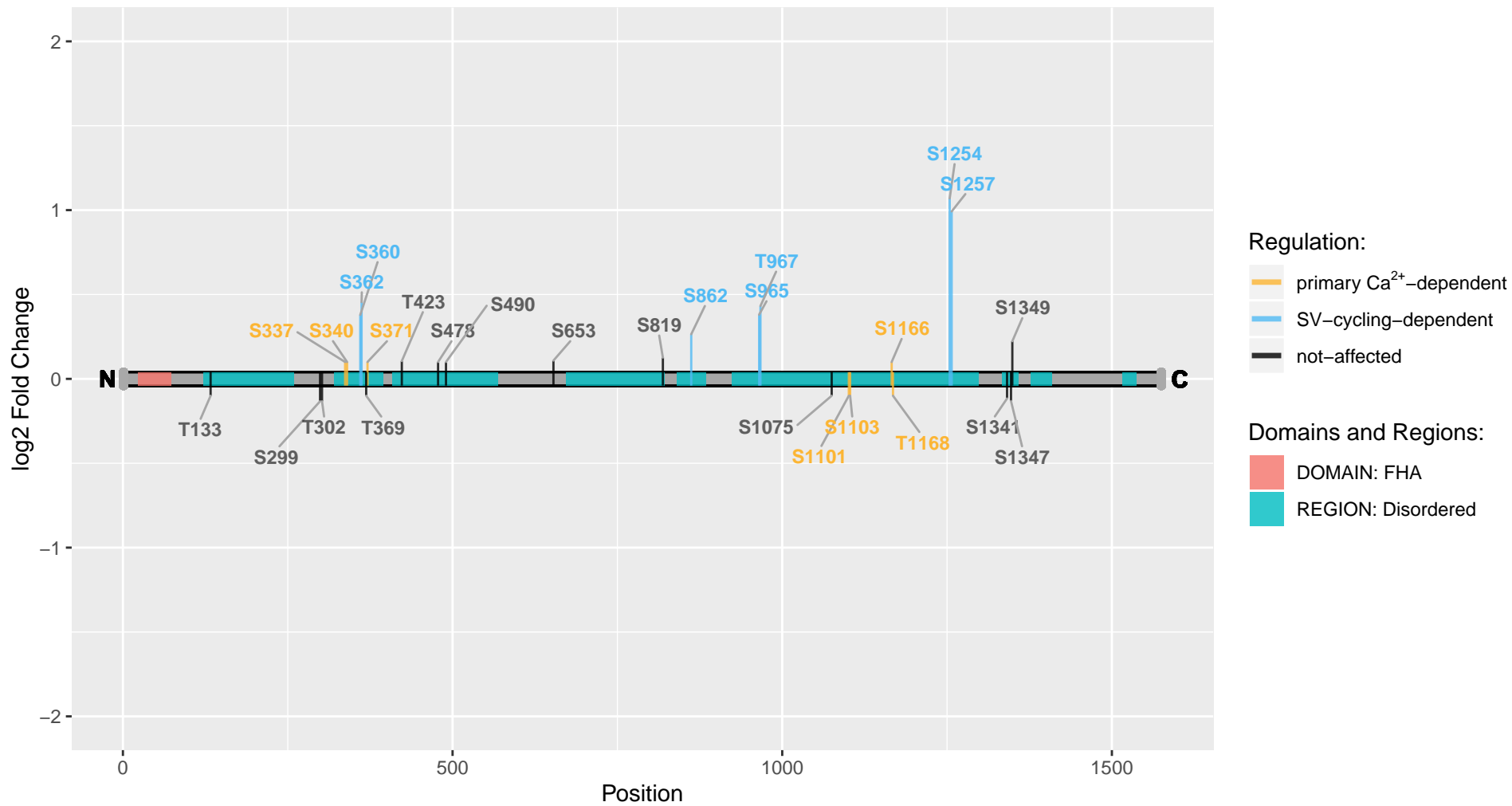
Uncharacterized protein



Cep170b

Uniprot Accession: D4A1G8

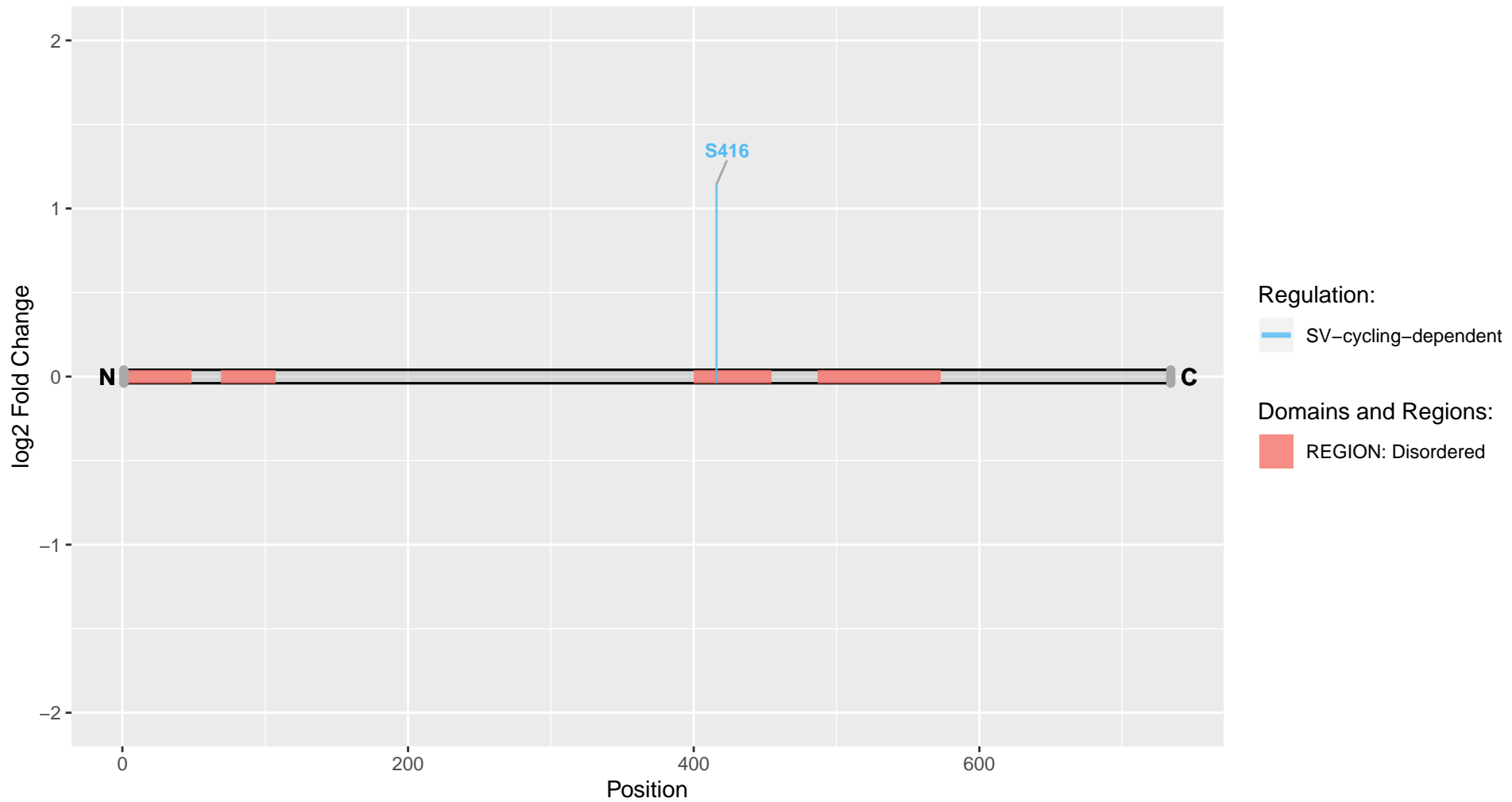
Centrosomal protein 170B



Cep68

Uniprot Accession: D3ZZ61

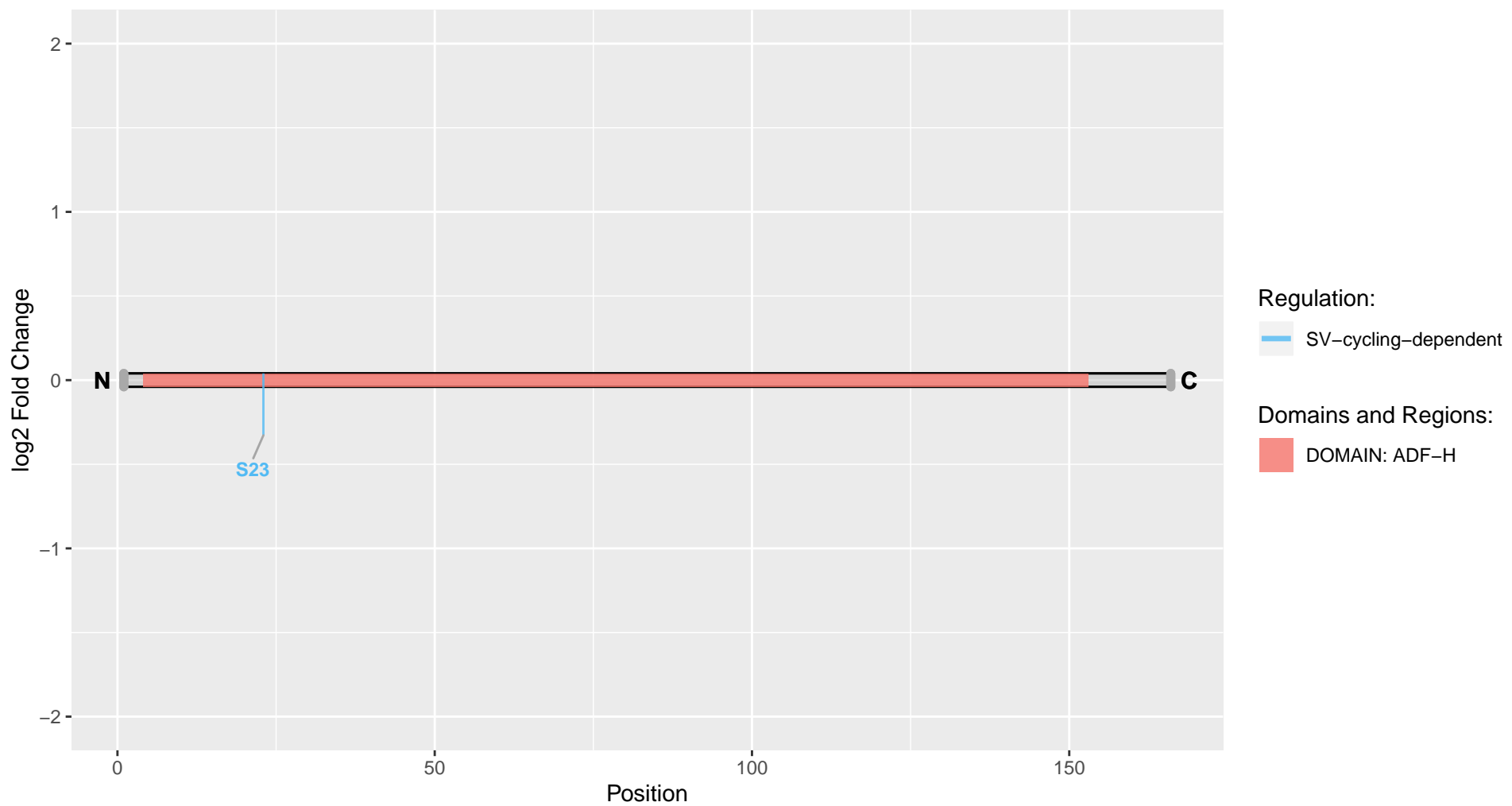
Centrosomal protein 68



Cfl12

Uniprot Accession: M0RC65

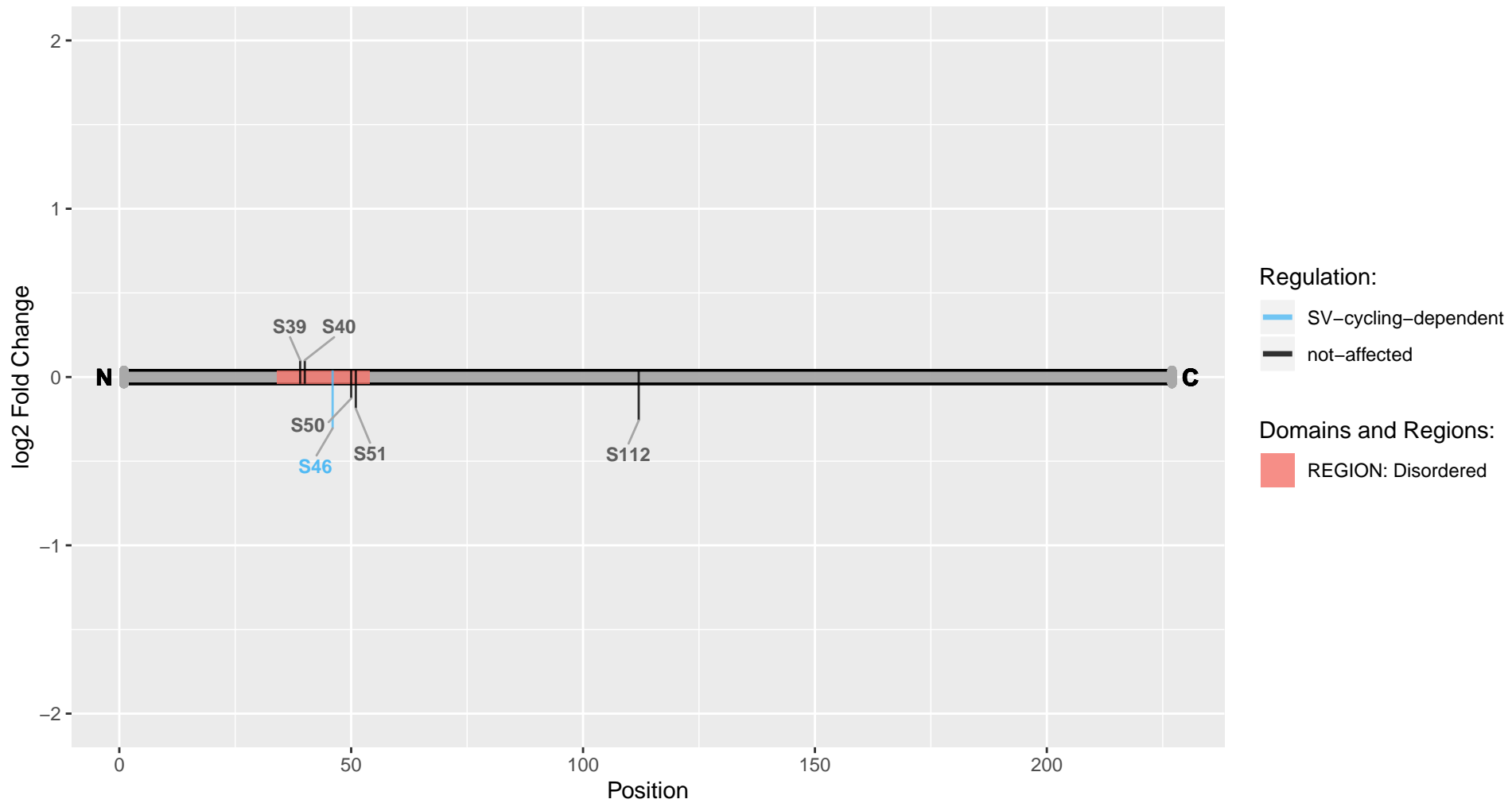
Cofilin 2



Chchd3

Uniprot Accession: D3ZUX5

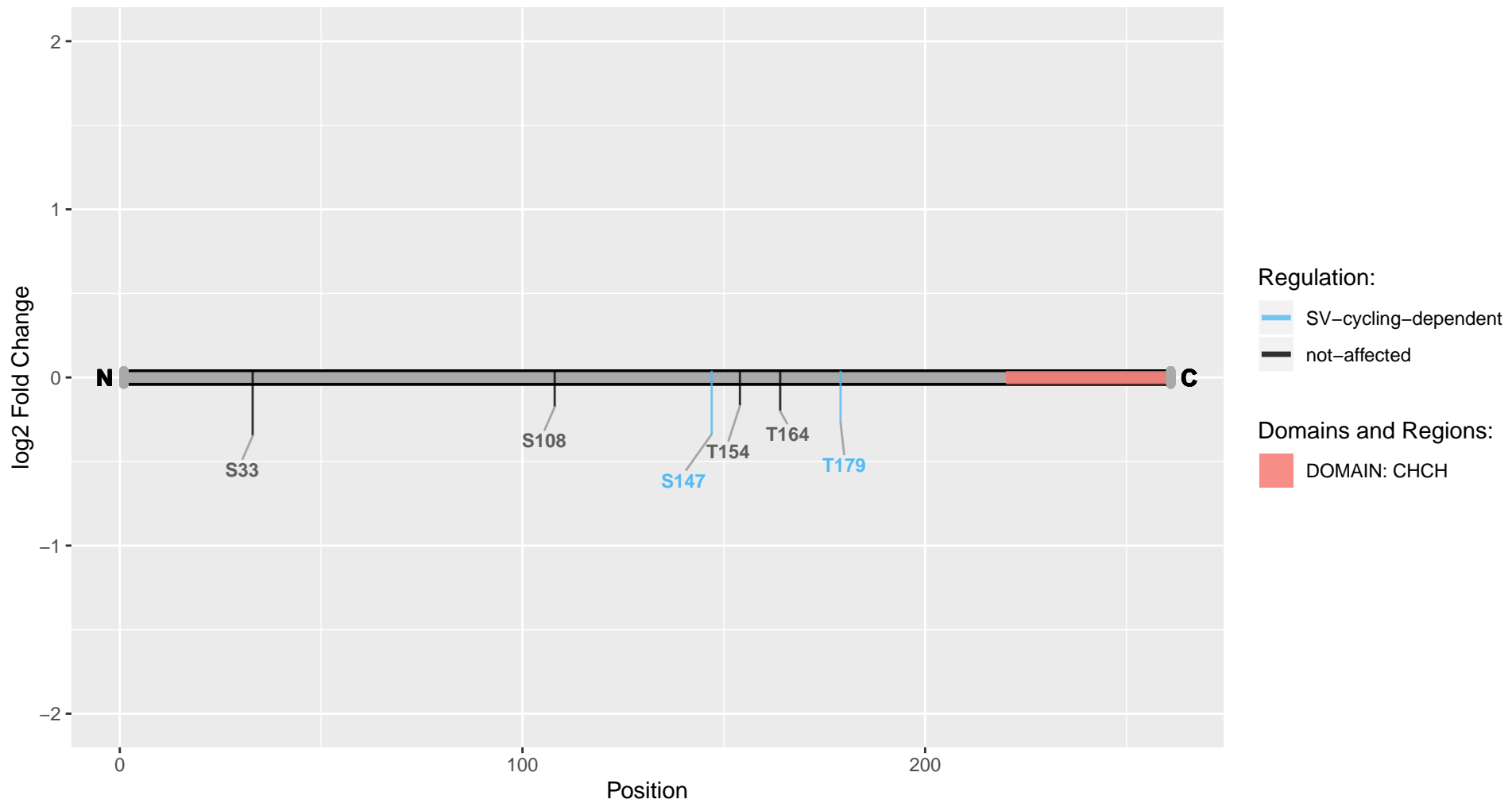
MICOS complex subunit



Chchd6

Uniprot Accession: D4A7N1

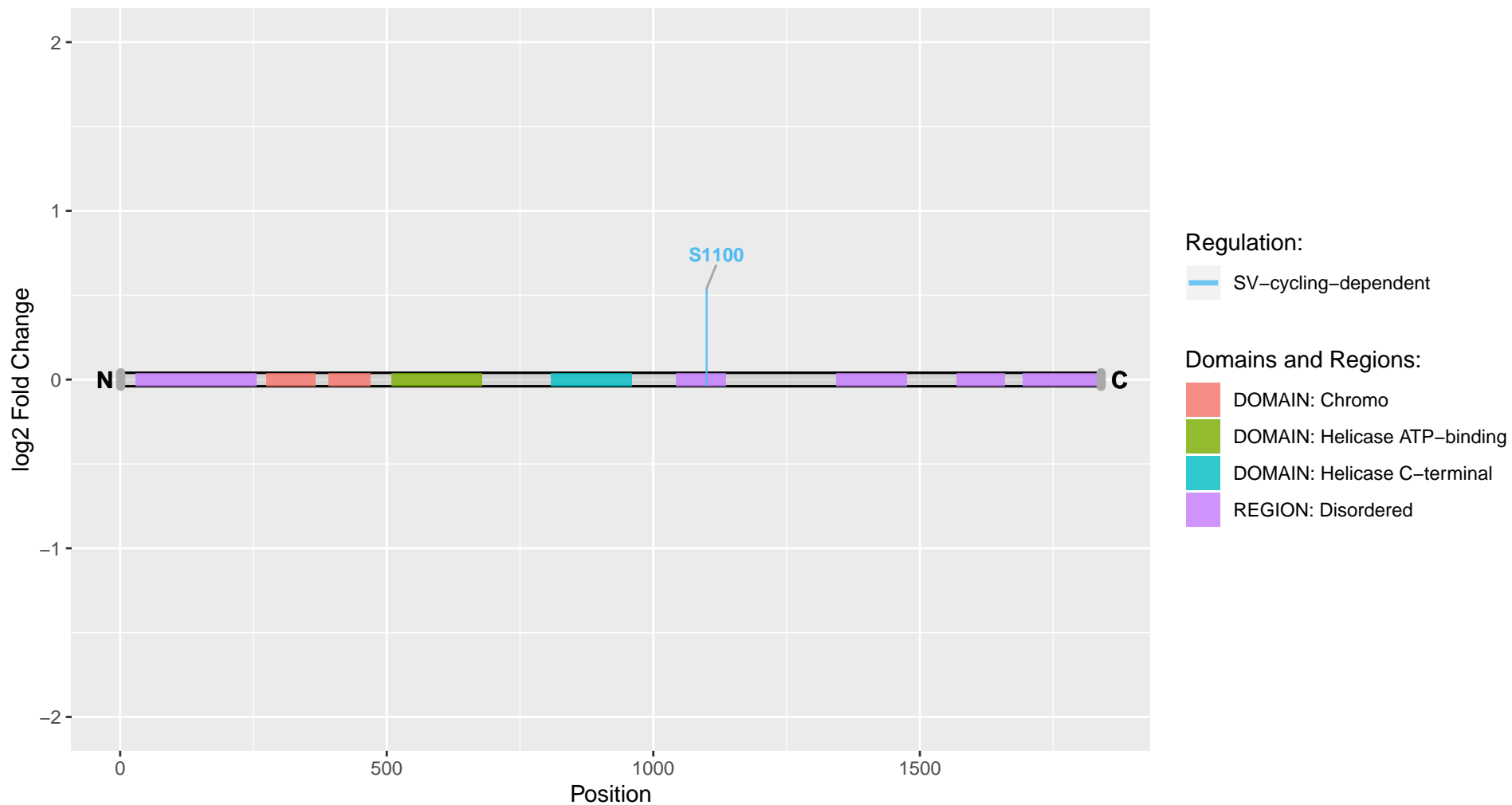
MICOS complex subunit Mic25



Chd2

Uniprot Accession: A0A0G2KA92

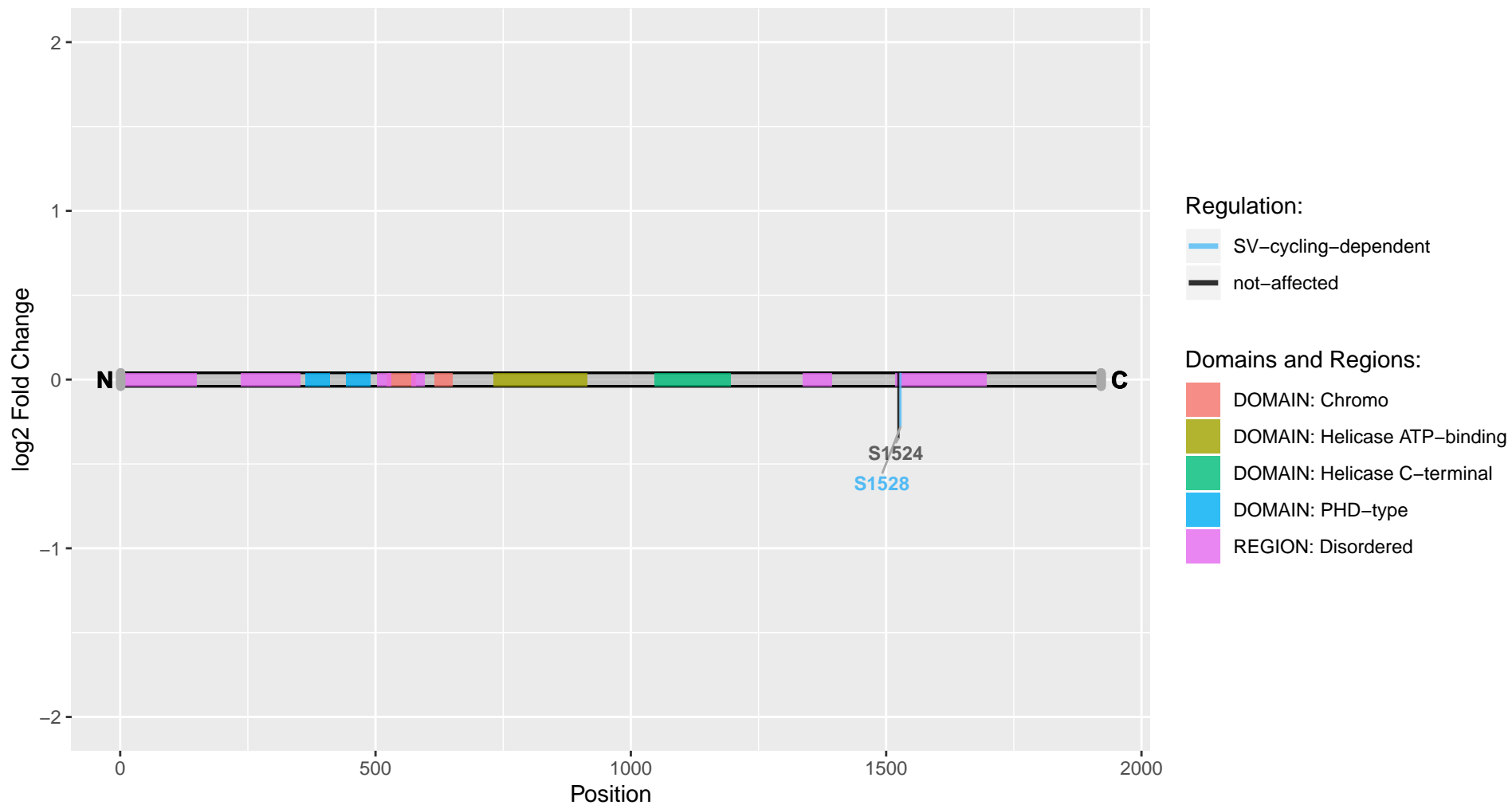
Chromodomain helicase DNA-binding protein 2



Chd4

Uniprot Accession: E9PU01

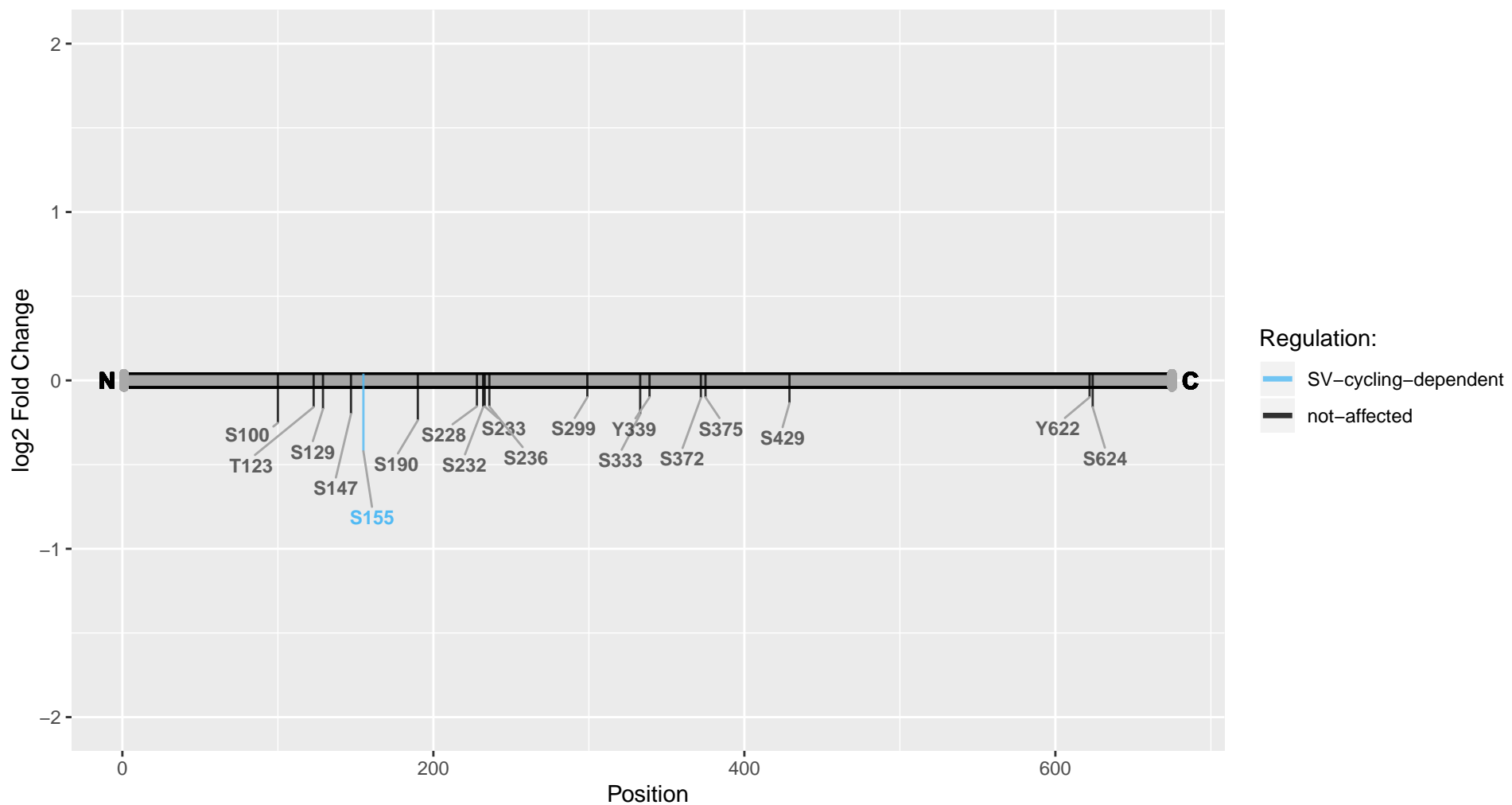
Chromodomain helicase DNA-binding protein 4



Chgb

Uniprot Accession: O35314

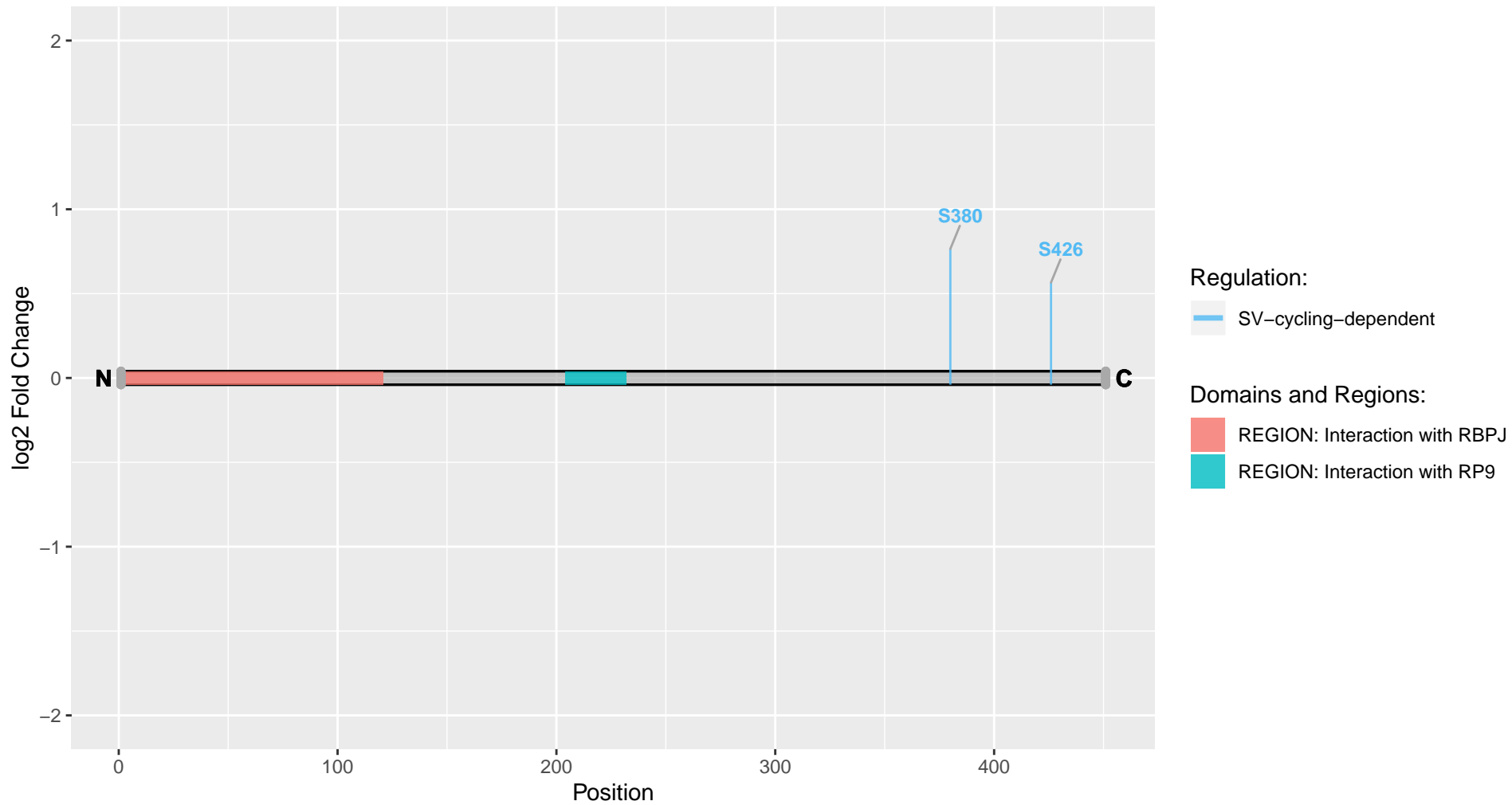
Secretogranin-1



Cir1

Uniprot Accession: Q5U2T8

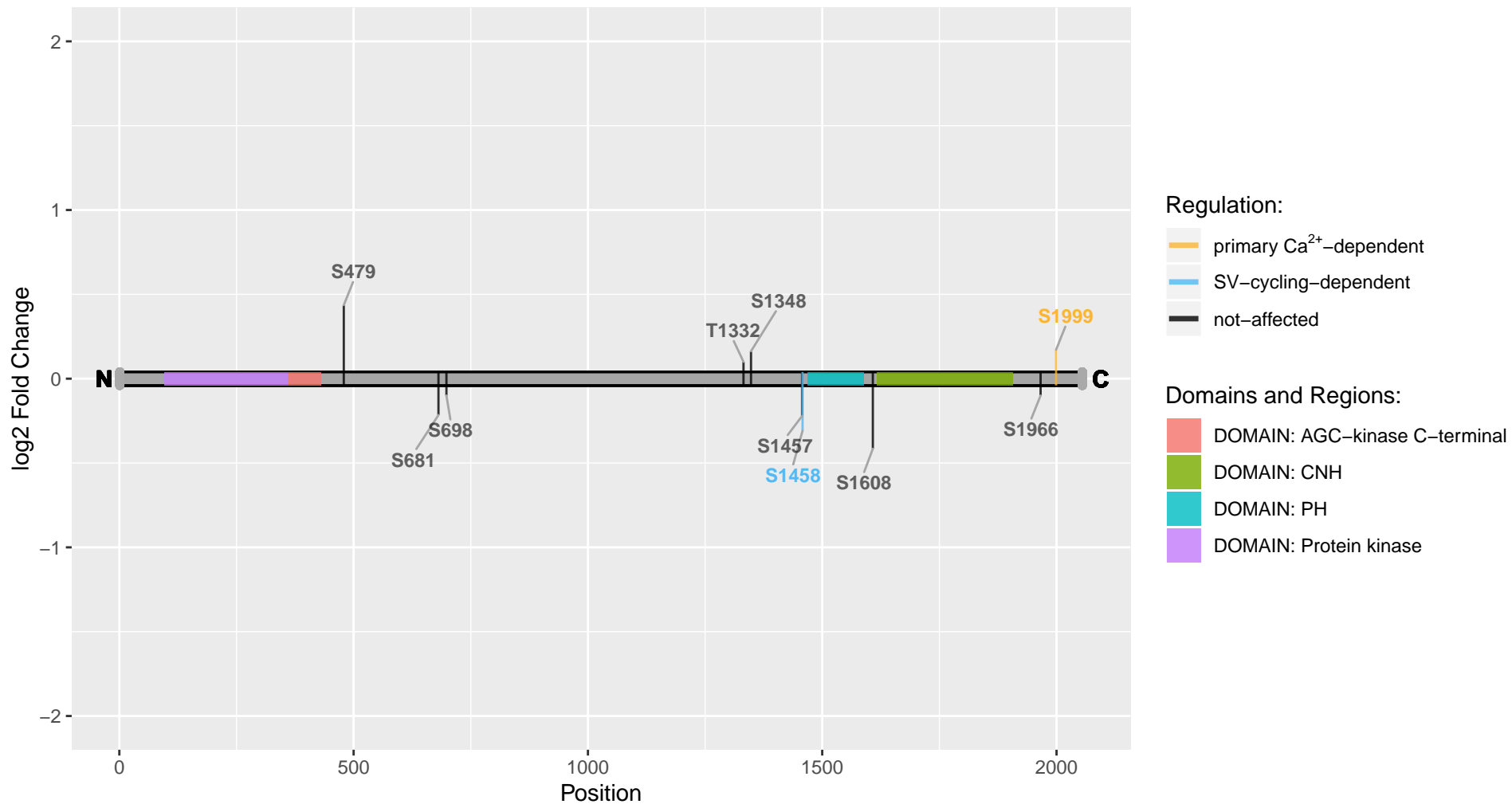
Corepressor interacting with RBPJ 1



Cit

Uniprot Accession: E9PSL7

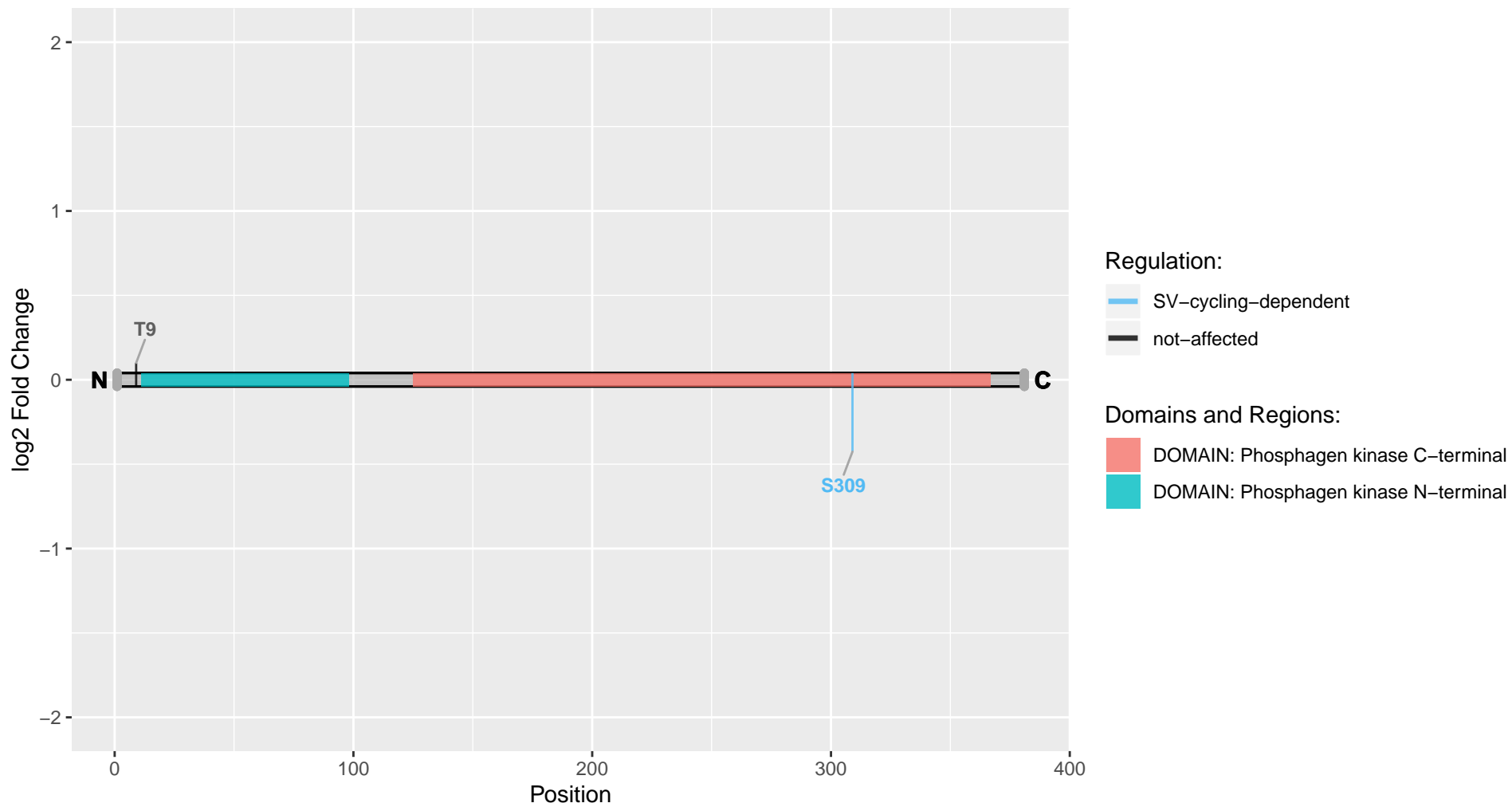
Citron rho-interacting serine/threonine kinase



Ckb

Uniprot Accession: P07335

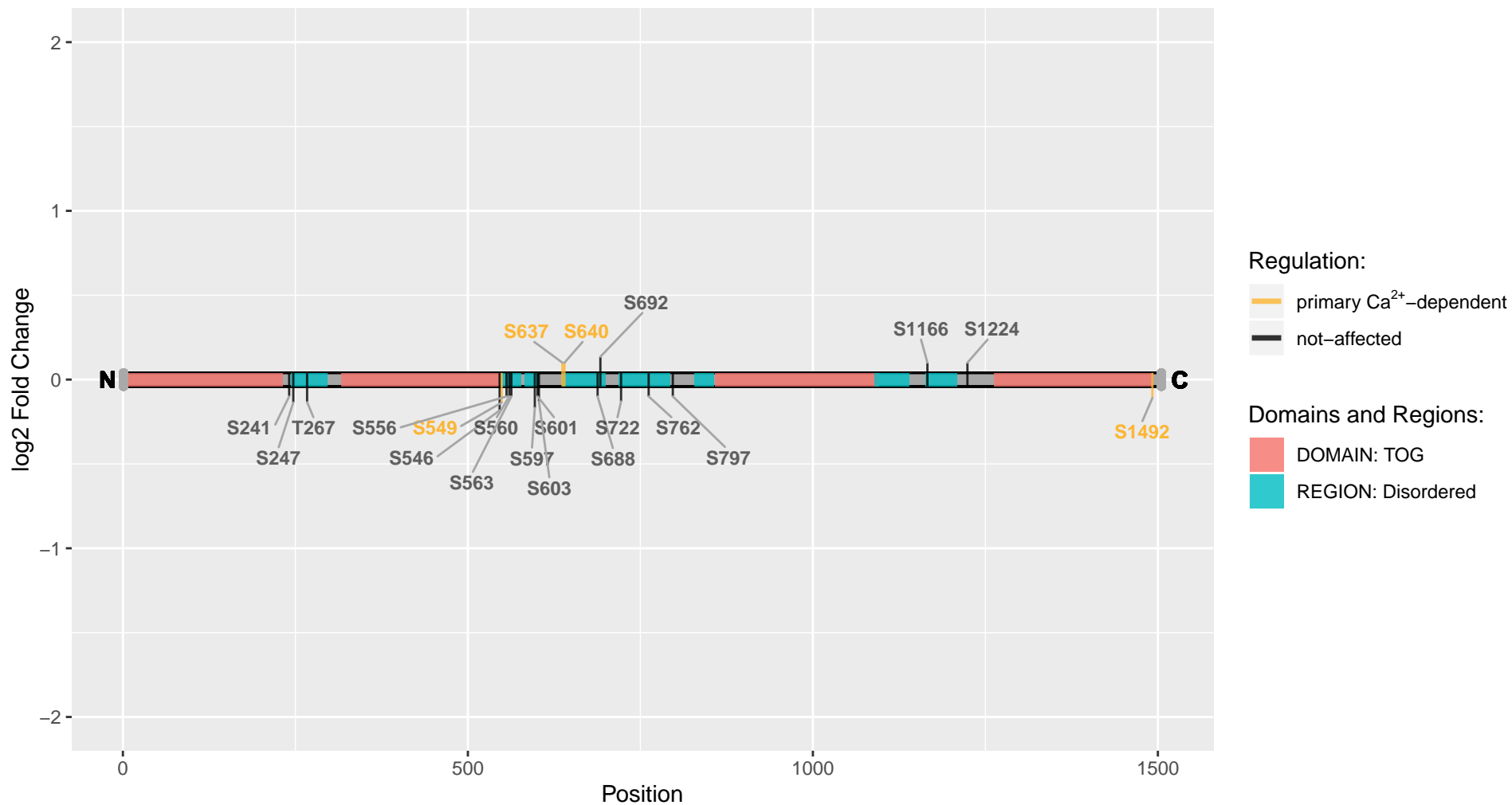
Creatine kinase B-type



Clasp2

Uniprot Accession: A0A0G2JZM8

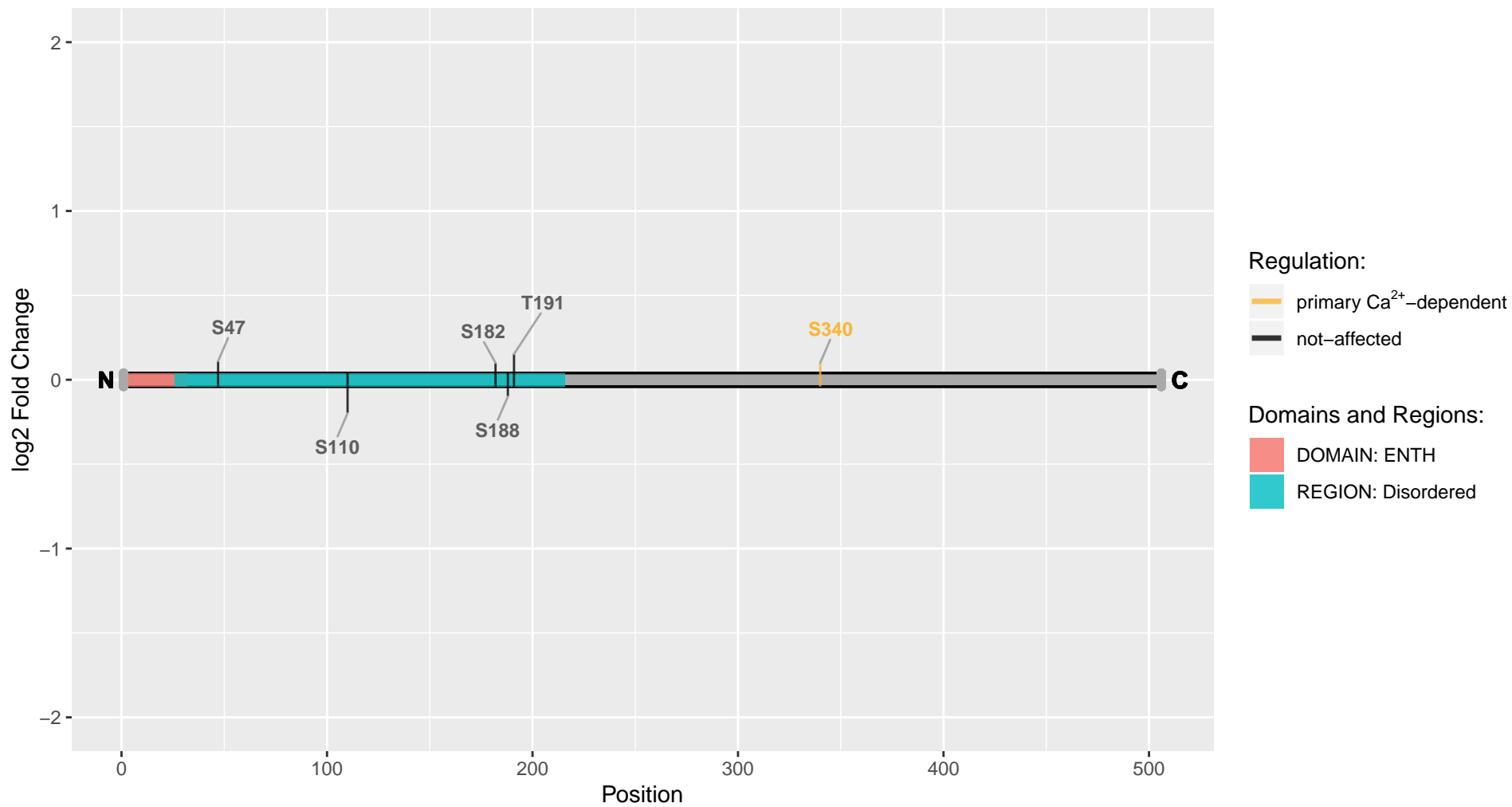
CLIP-associating protein 2



Clint1

Uniprot Accession: A0A0G2JW94

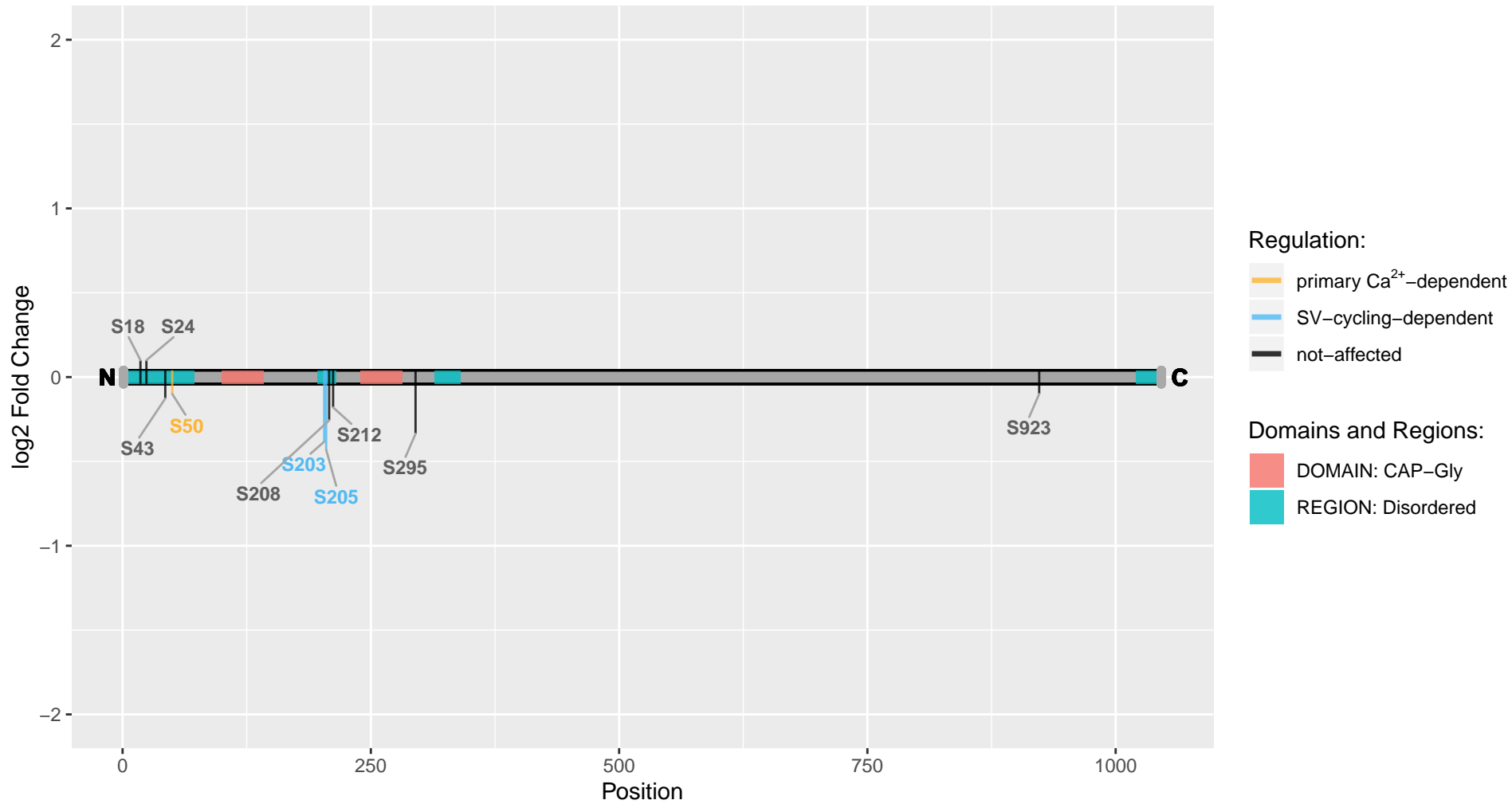
Clathrin interactor 1



Clip2

Uniprot Accession: A0A0G2JZF2

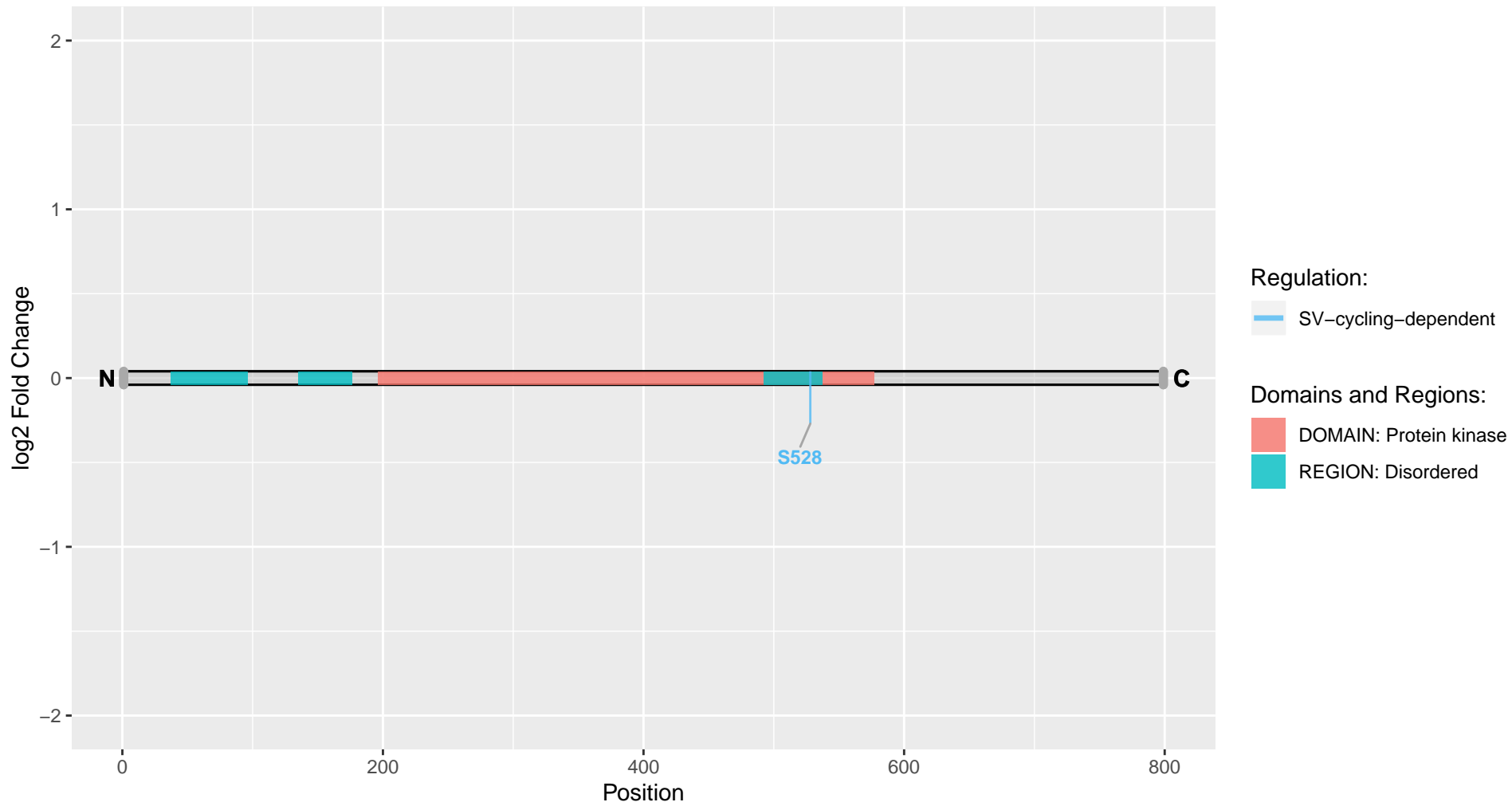
CAP-Gly domain-containing linker protein 2



Clk2

Uniprot Accession: A0A0G2K5Q8

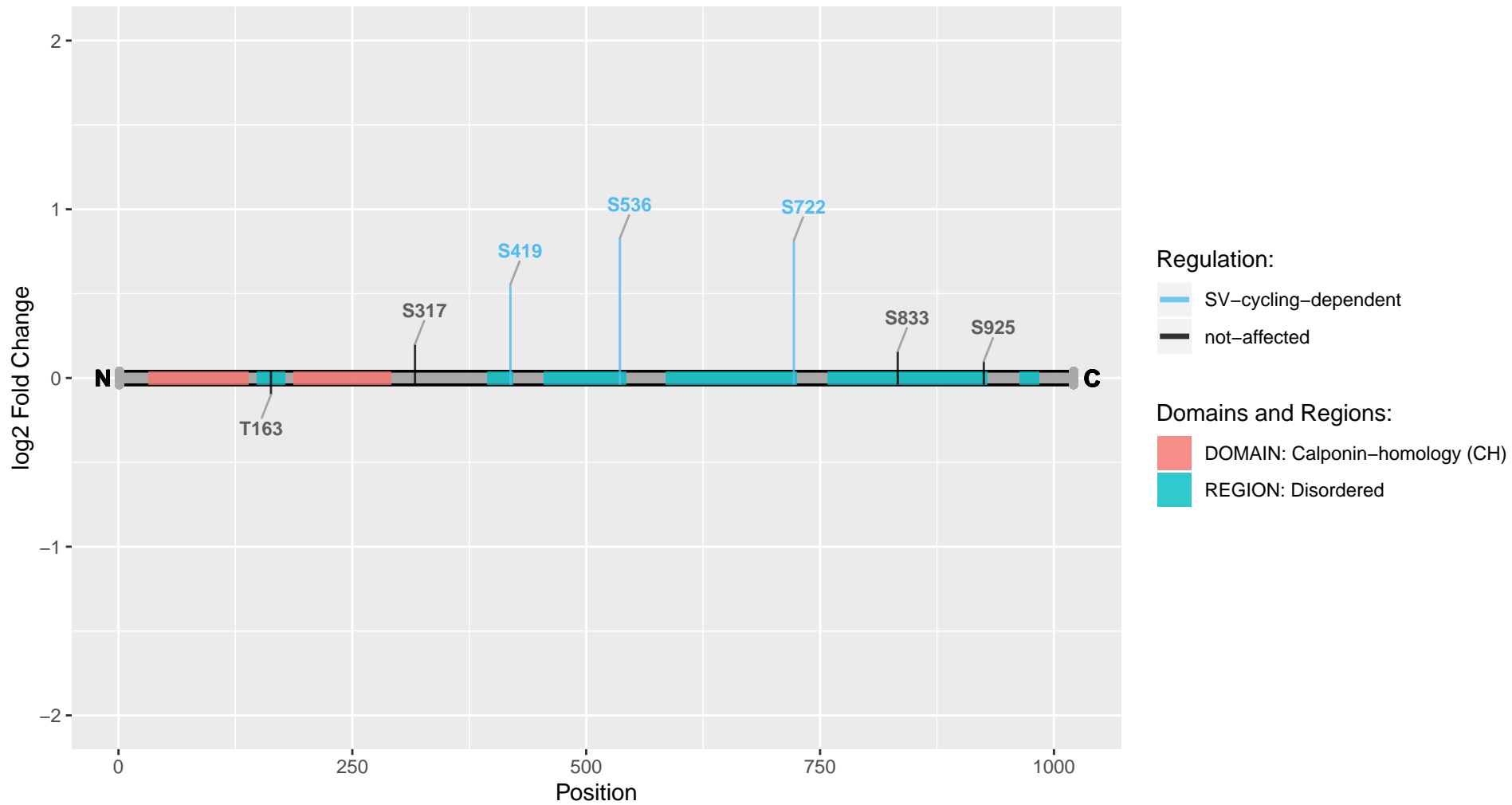
Secretory carrier-associated membrane protein



Clmn

Uniprot Accession: D4A626

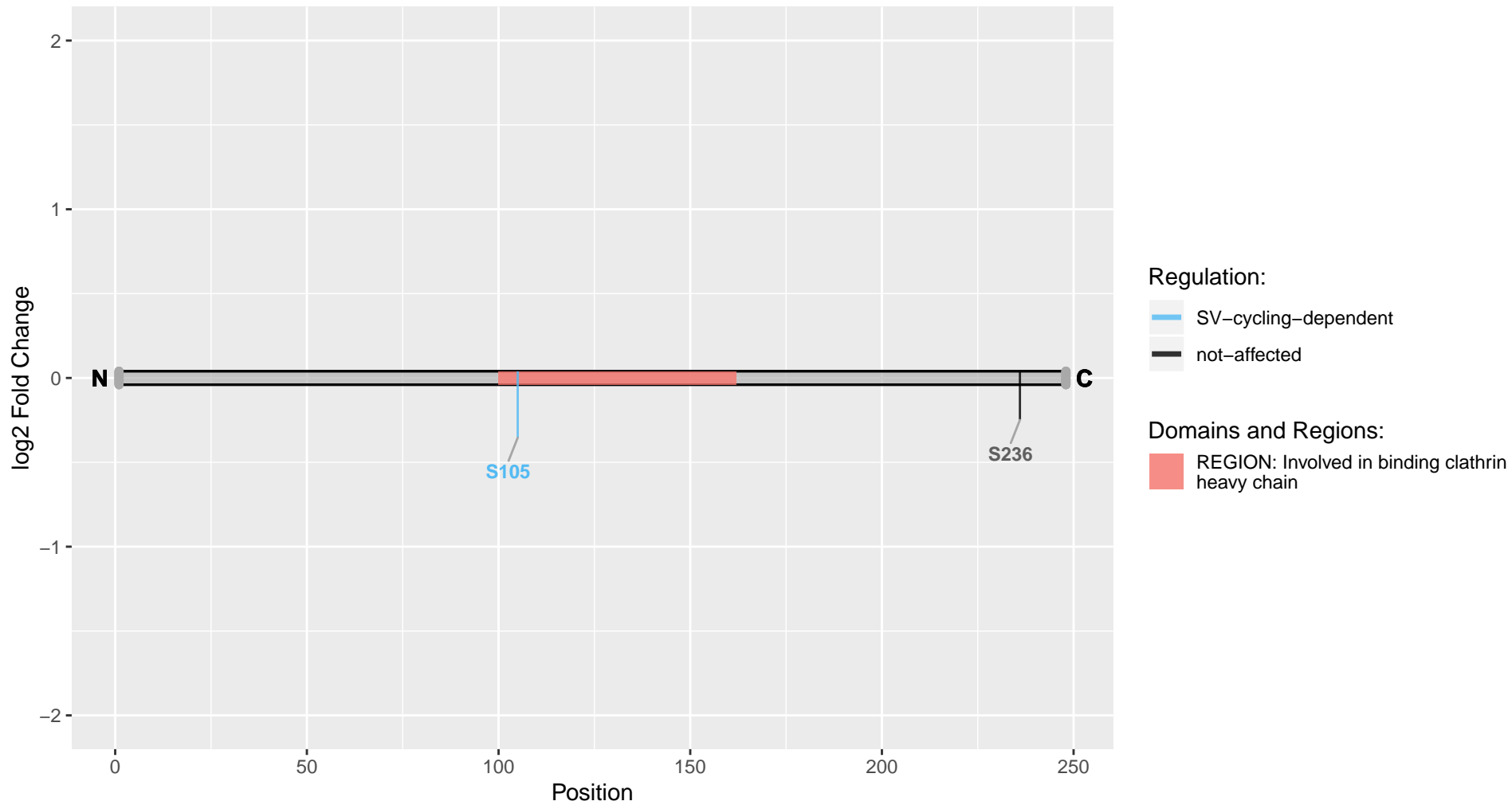
Calmin



Clta

Uniprot Accession: P08081

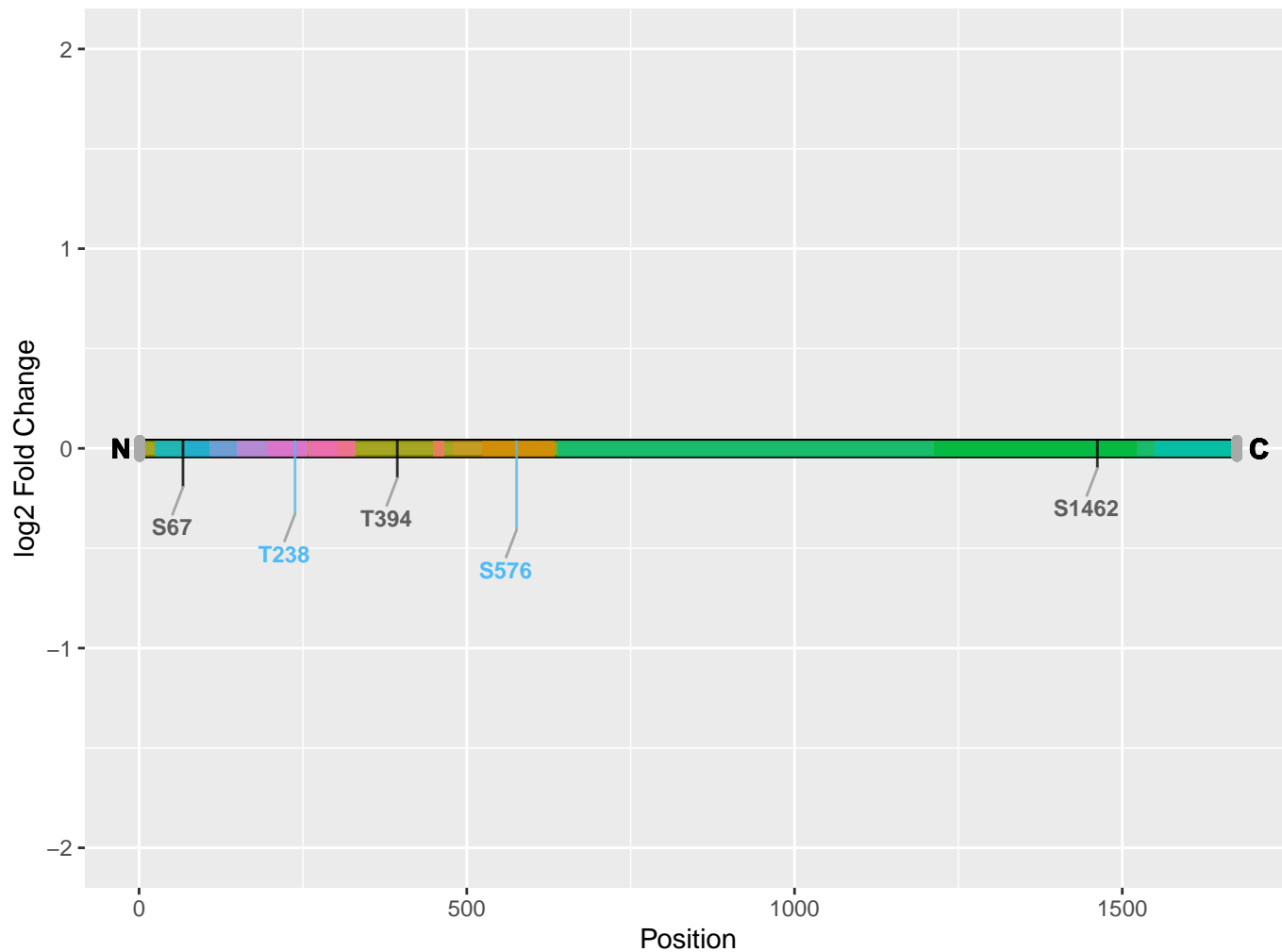
Clathrin light chain A



Cltc

Uniprot Accession: P11442

Clathrin heavy chain 1



Regulation:

- SV-cycling-dependent
- not-affected

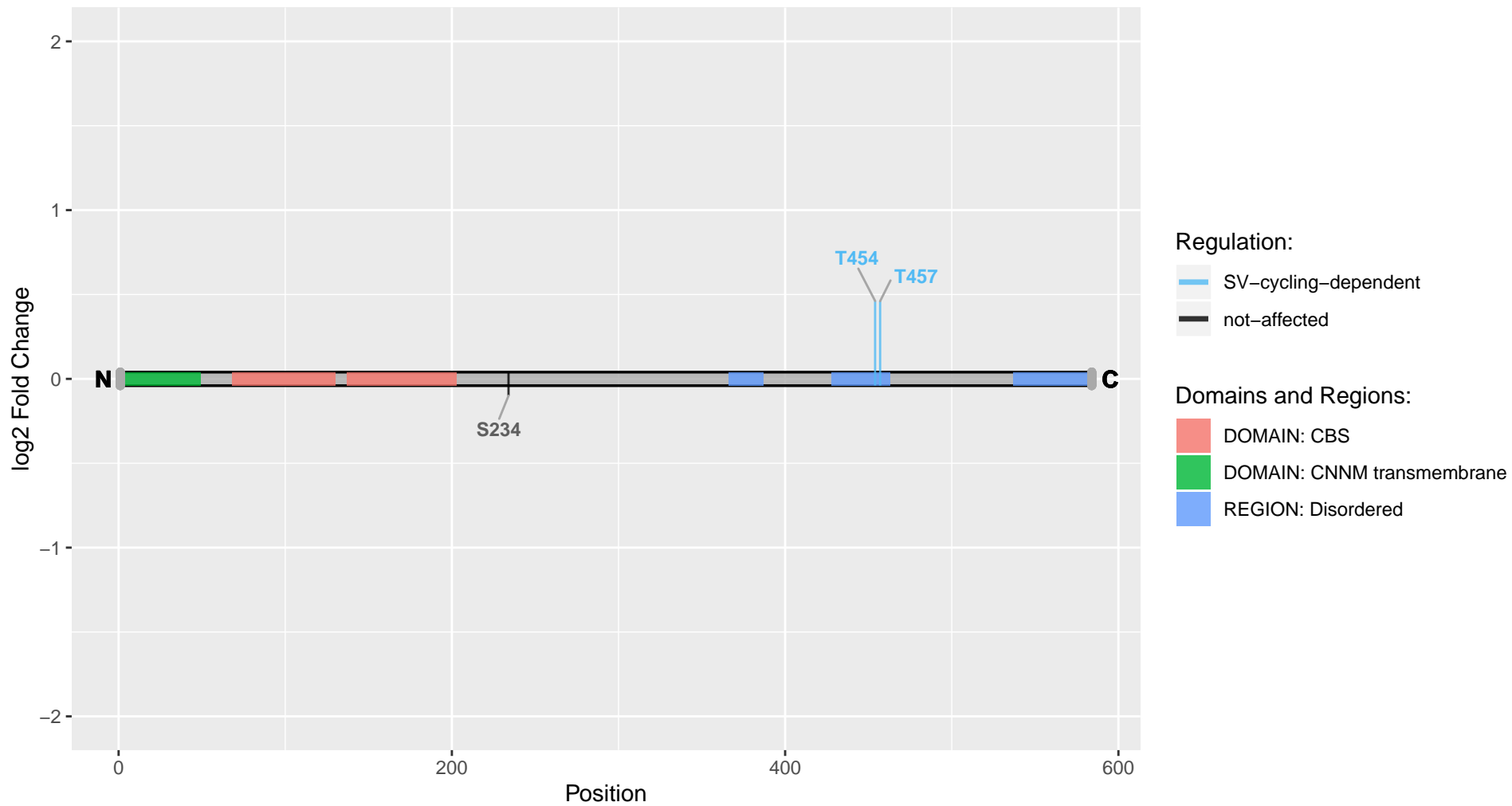
Domains and Regions:

- REGION: Binding site for the uncoating ATPase, involved in lattice disassembly
- REGION: Distal segment
- REGION: Flexible linker
- REGION: Globular terminal domain
- REGION: Heavy chain arm
- REGION: Involved in binding clathrin light chain
- REGION: Proximal segment
- REGION: Trimerization
- REGION: WD40-like repeat 1
- REGION: WD40-like repeat 2
- REGION: WD40-like repeat 3
- REGION: WD40-like repeat 4
- REGION: WD40-like repeat 5
- REGION: WD40-like repeat 6
- REGION: WD40-like repeat 7

Cnm1

Uniprot Accession: D4A1C0

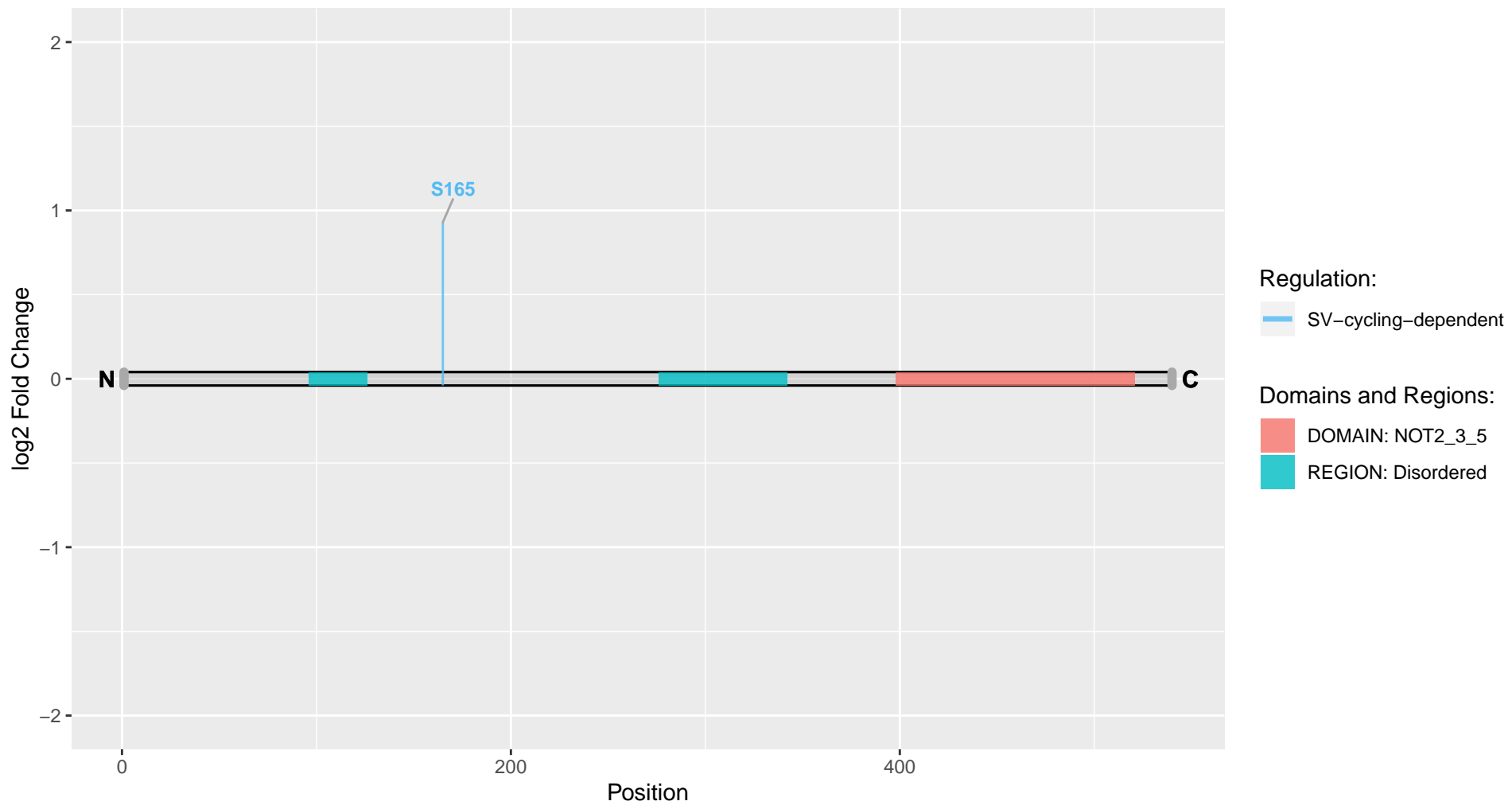
Cyclin M1 (Predicted)



Cnot2

Uniprot Accession: A0A0G2K717

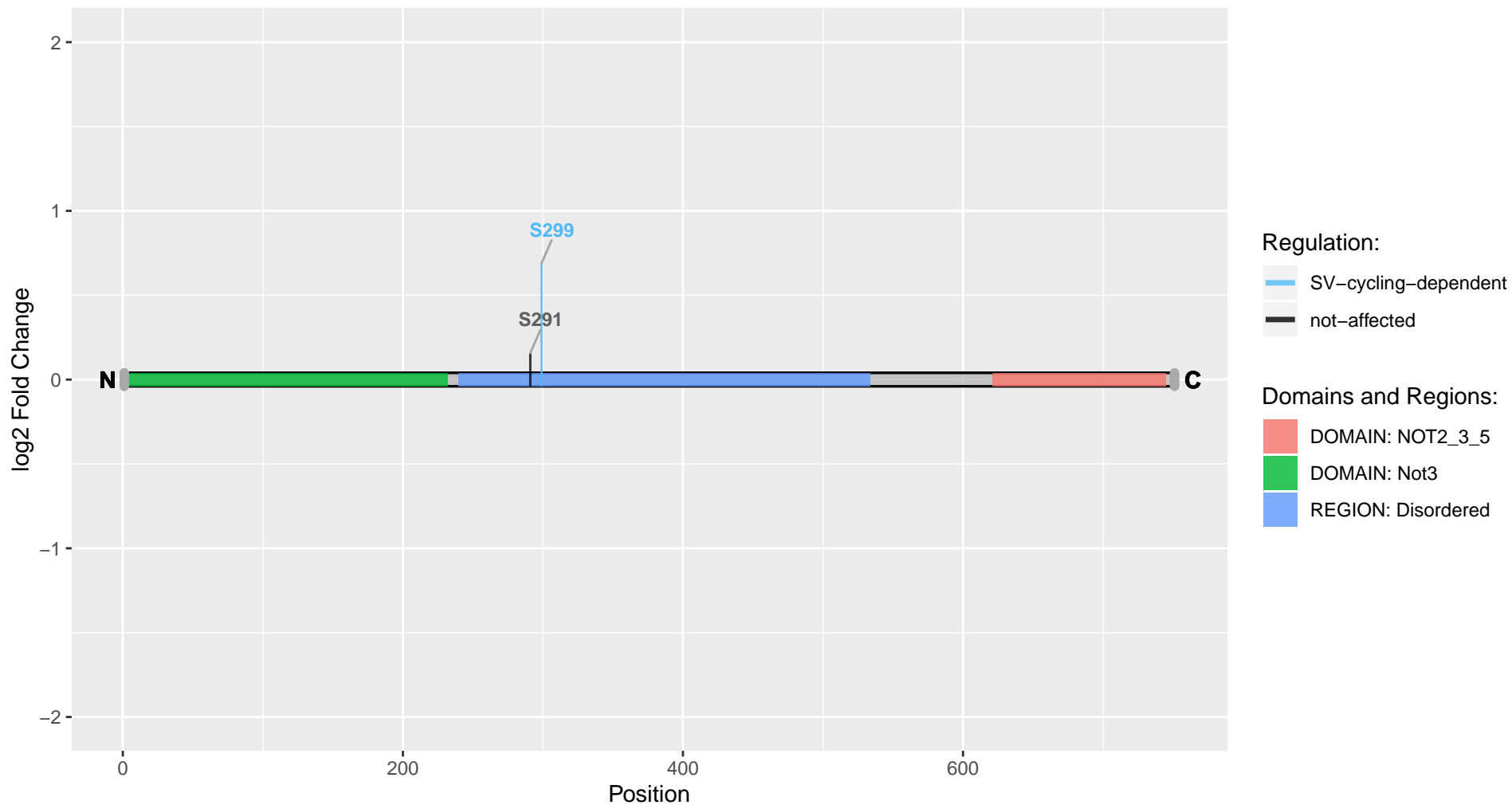
CCR4-NOT transcription complex, subunit 2



Cnot3

Uniprot Accession: D3ZUV9

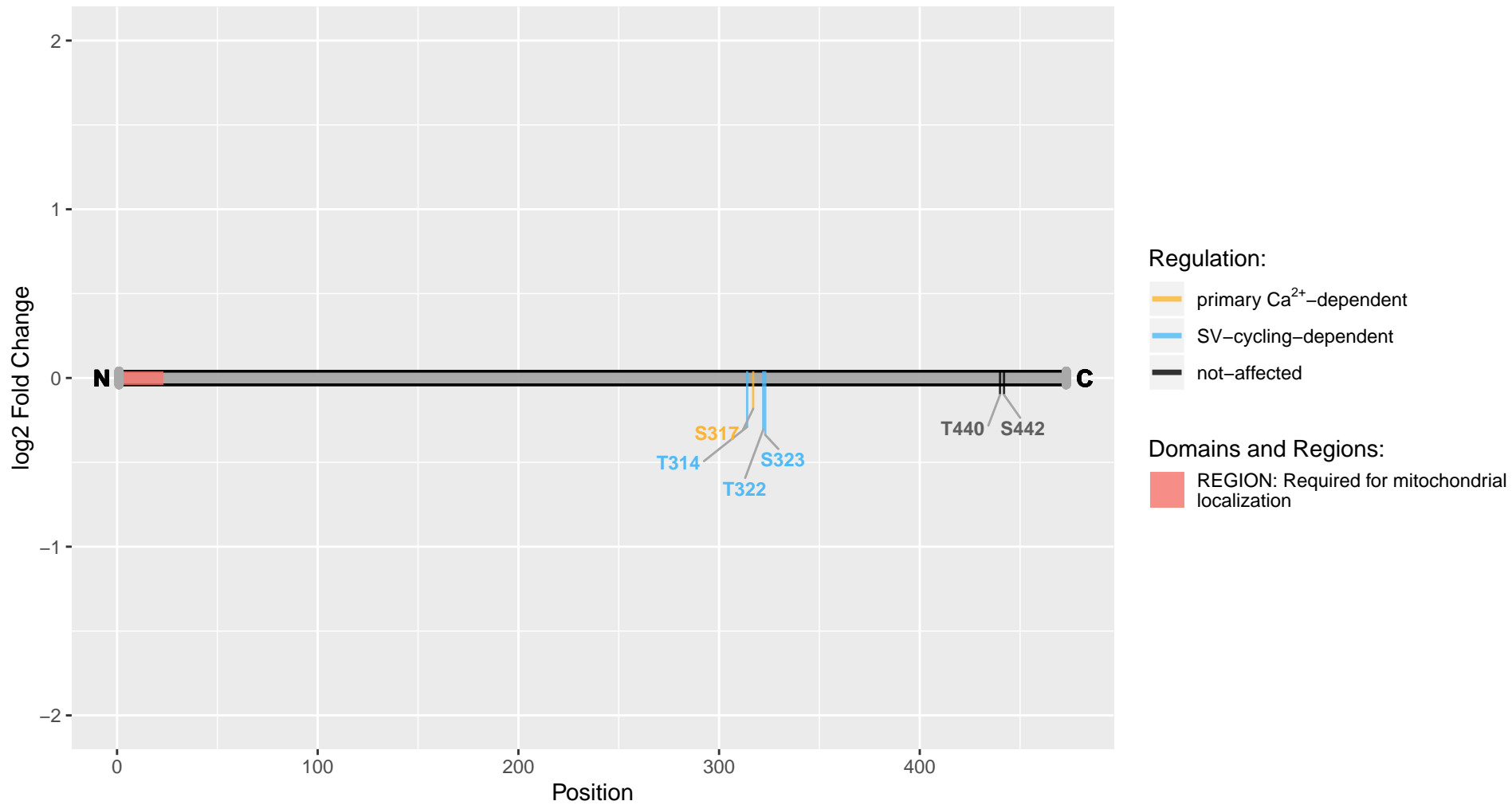
CCR4-NOT transcription complex, subunit 3



Cnr1

Uniprot Accession: P20272

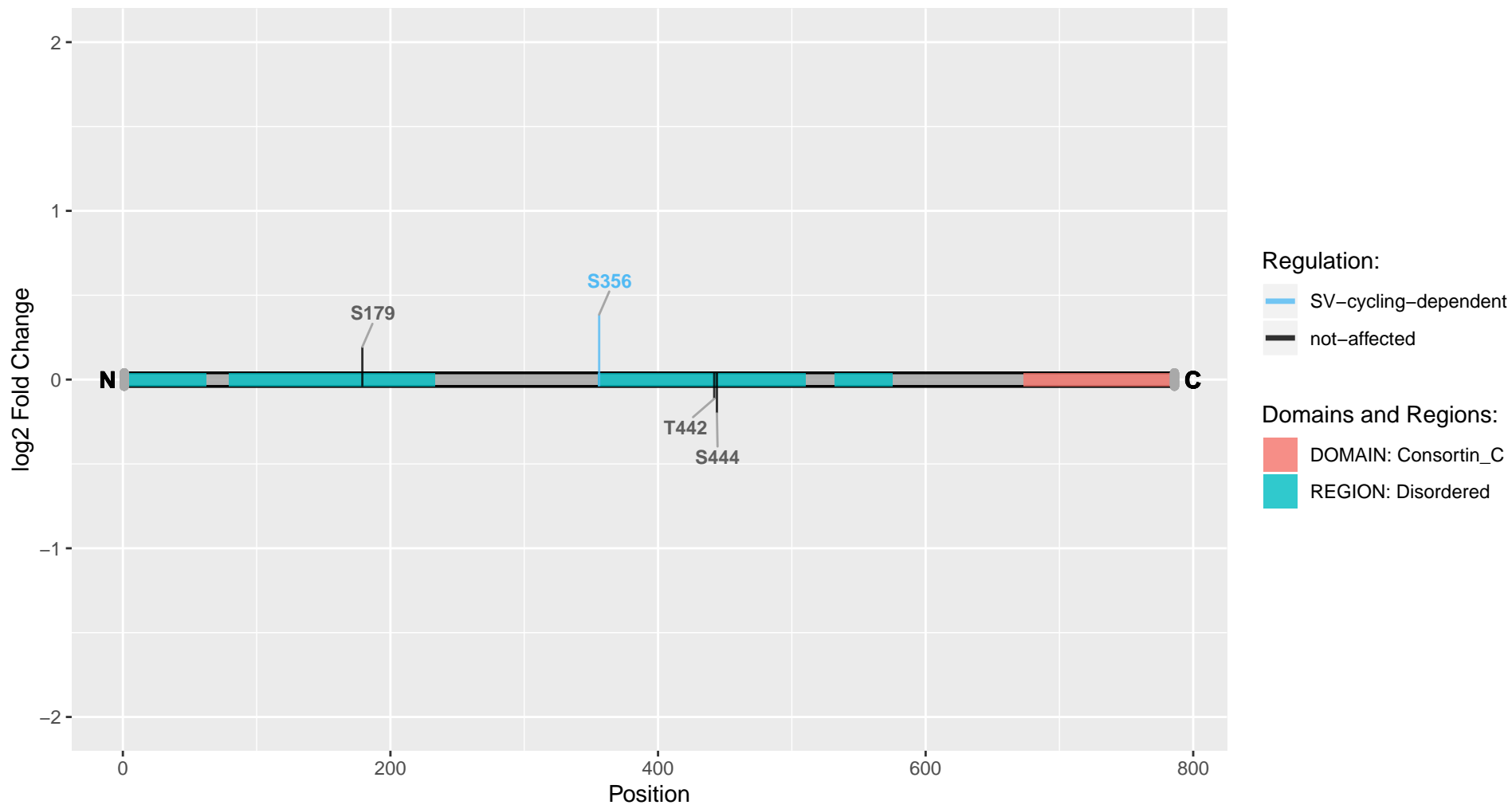
Cannabinoid receptor 1



Cnst

Uniprot Accession: D3ZKK3

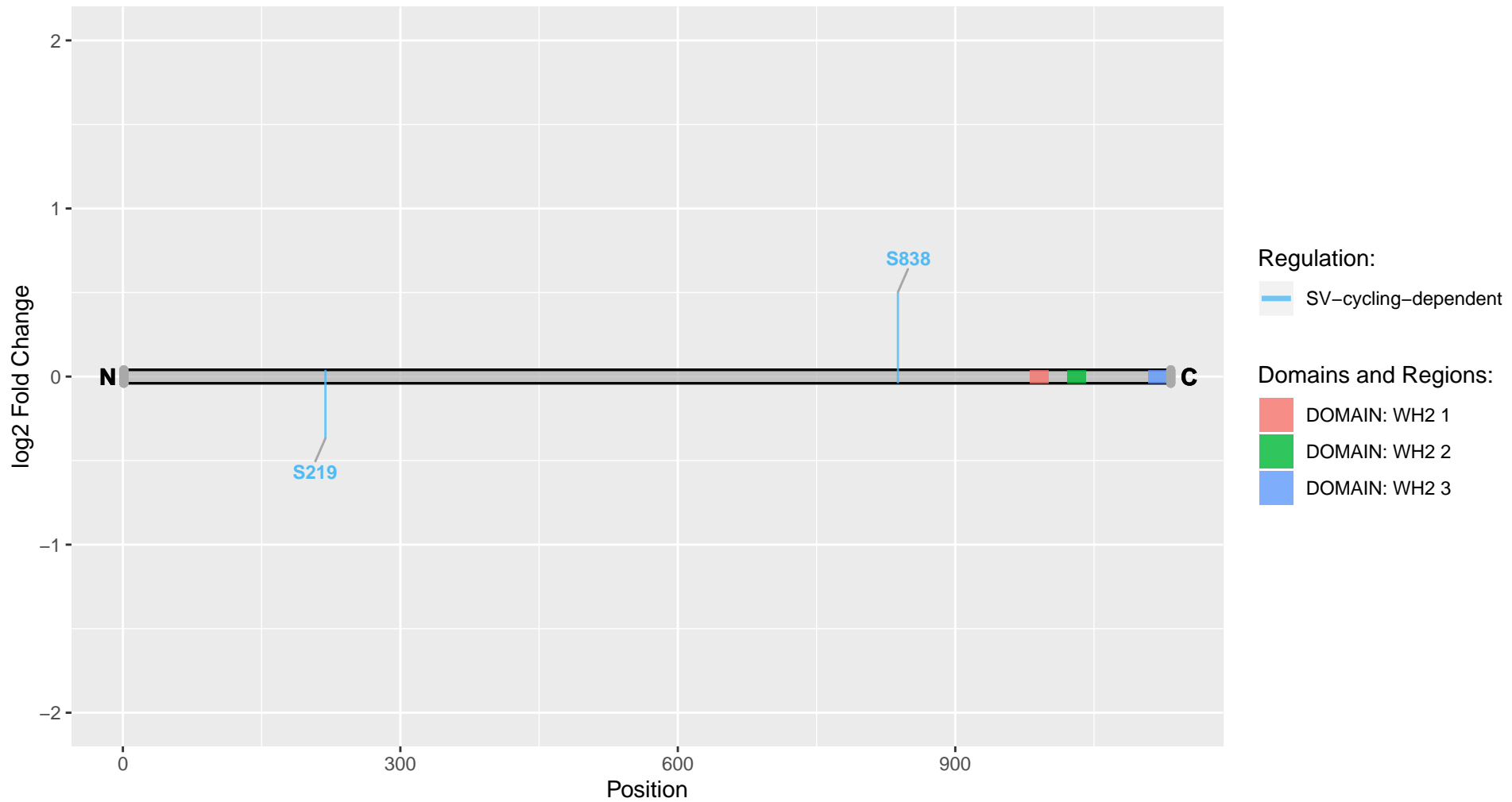
Consortin, connexin sorting protein



CobI

Uniprot Accession: D3ZUI5

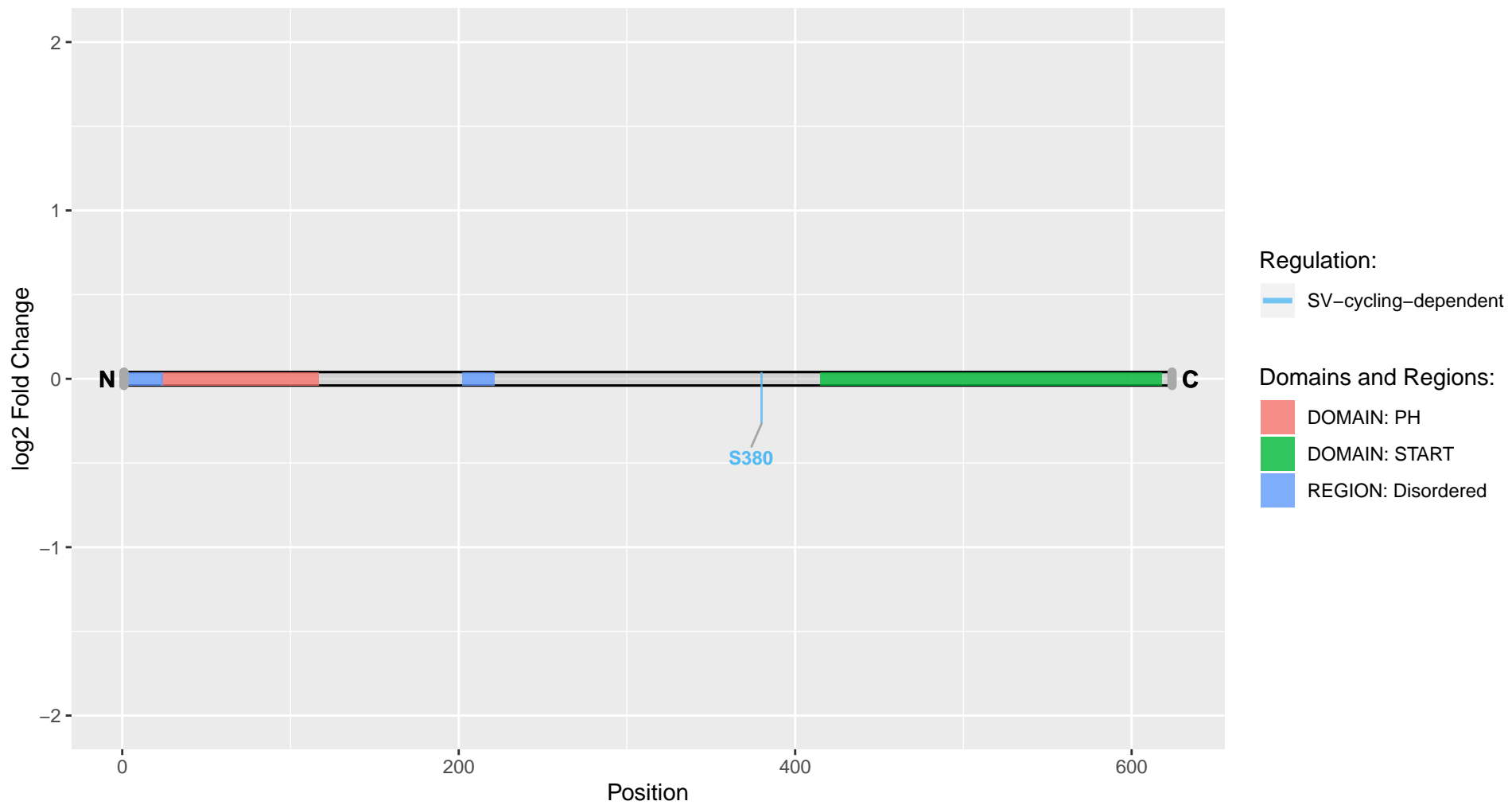
Protein cordon-bleu



Col4a3bp

Uniprot Accession: D4ACN6

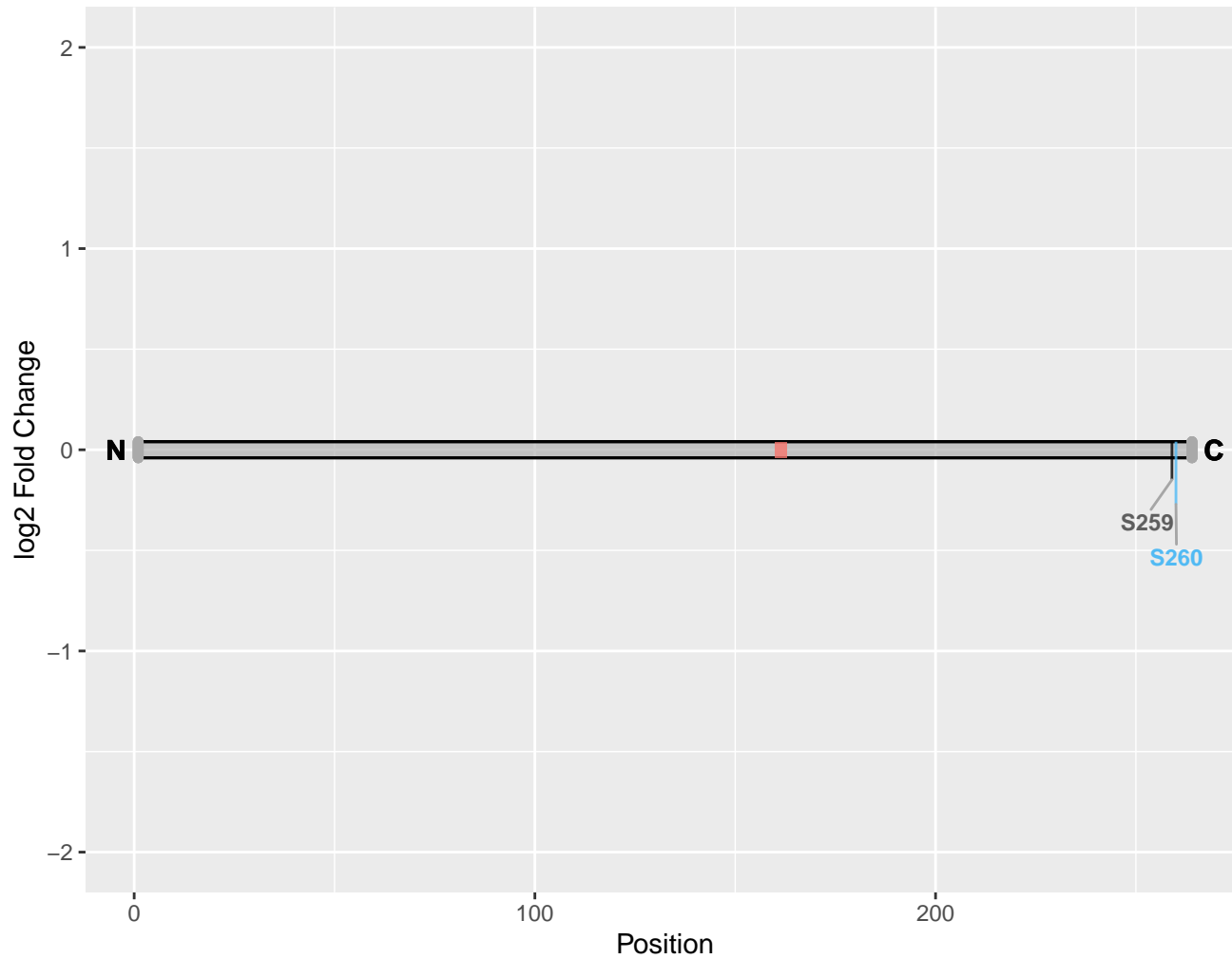
Collagen type IV alpha 3-binding protein



Comt

Uniprot Accession: P22734

Catechol O-methyltransferase



Regulation:

SV-cycling-dependent

not-affected

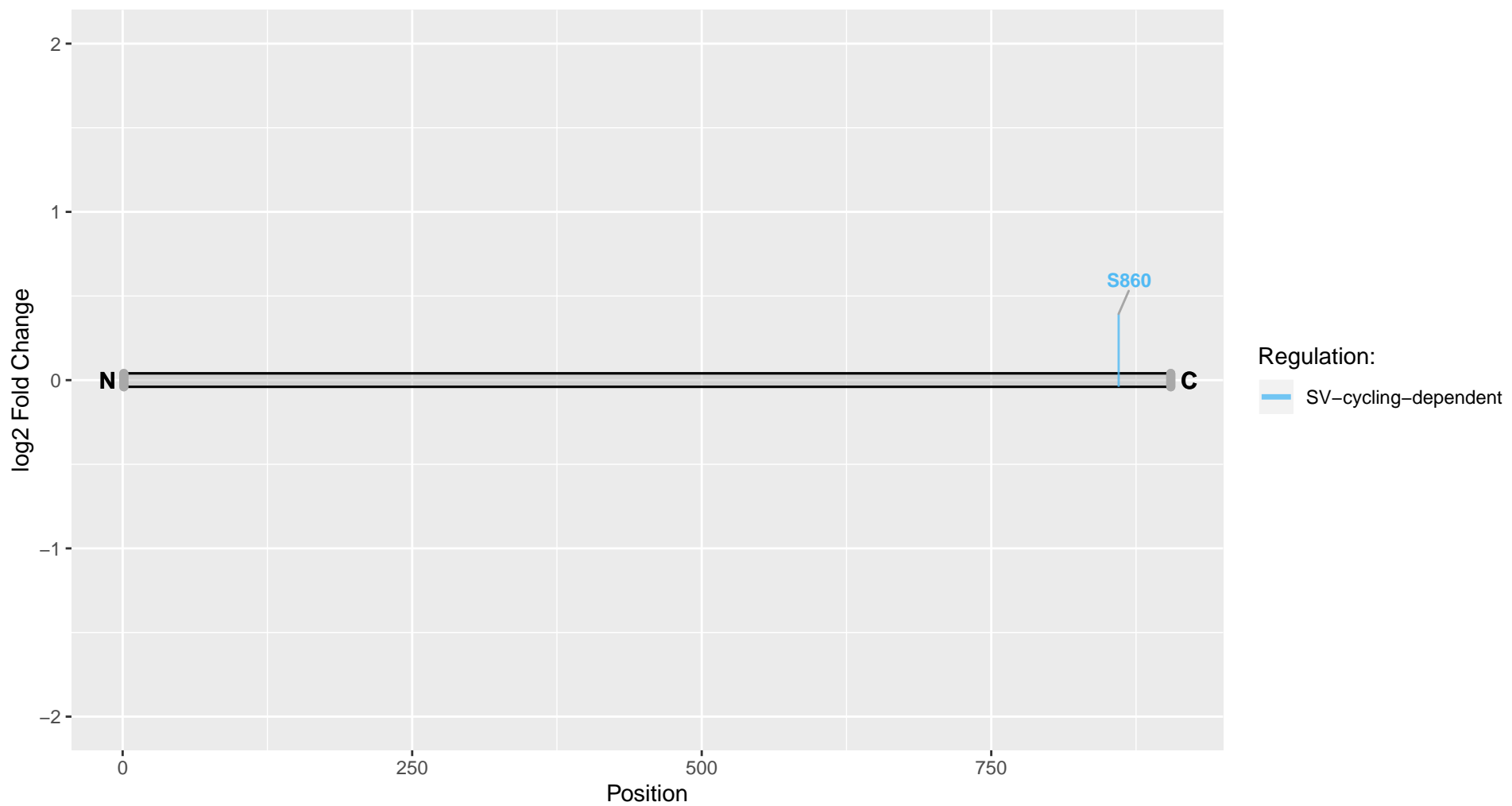
Domains and Regions:

REGION: S-adenosyl-L-methionine binding

Copb2

Uniprot Accession: O35142

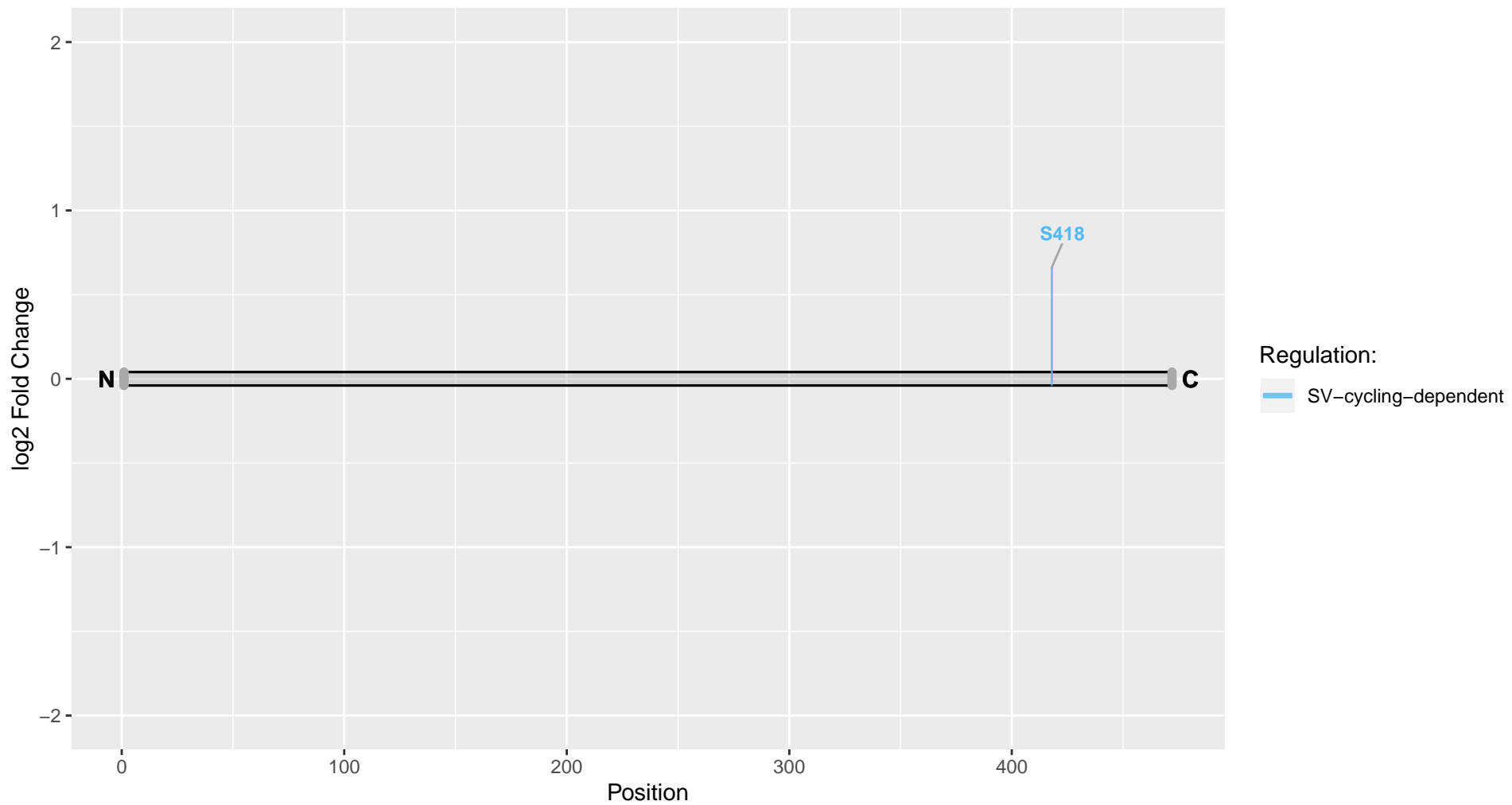
Coatamer subunit beta'



Coro6

Uniprot Accession: Q920J3

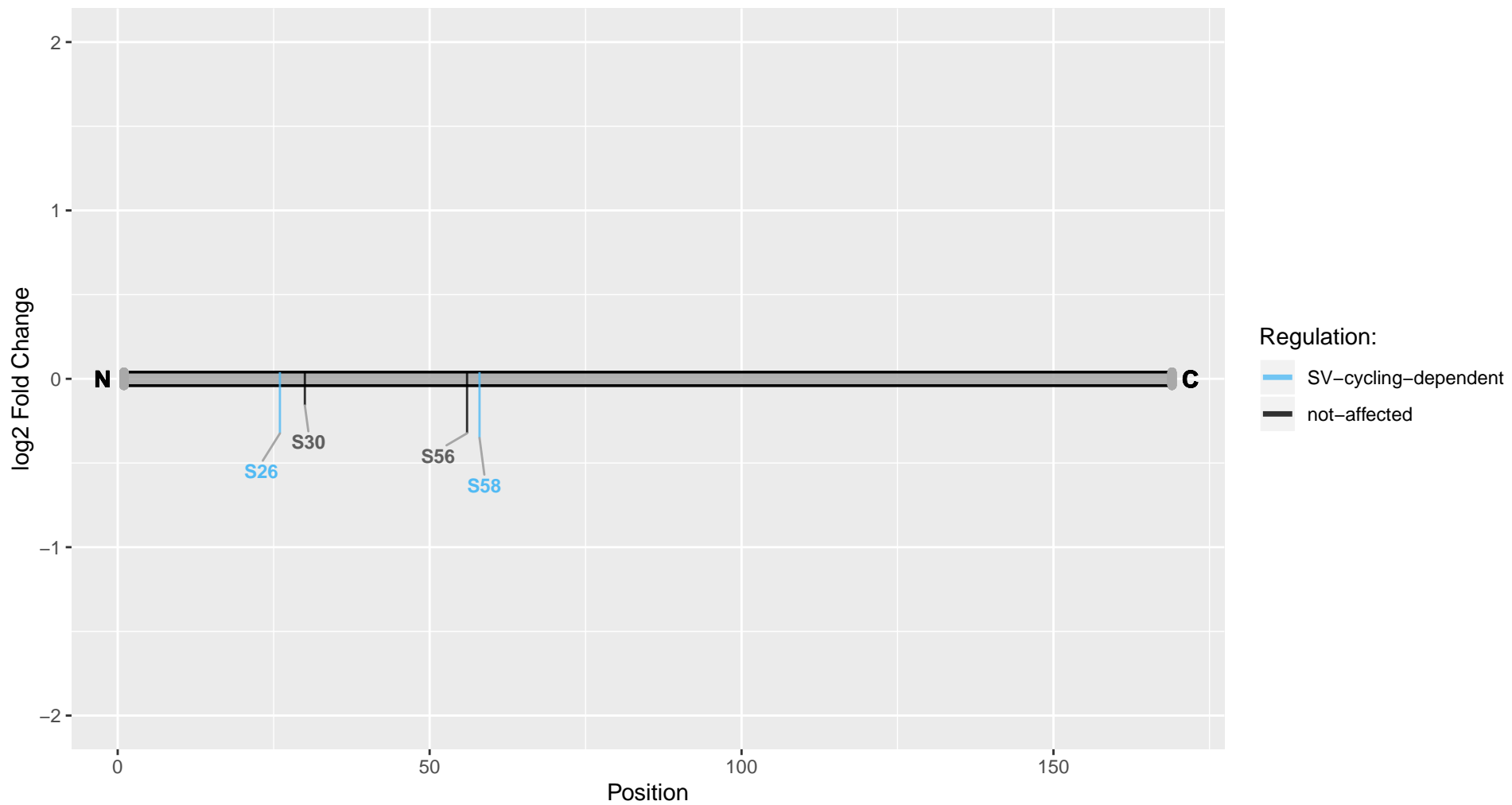
Coronin-6



Cox4i1

Uniprot Accession: P10888

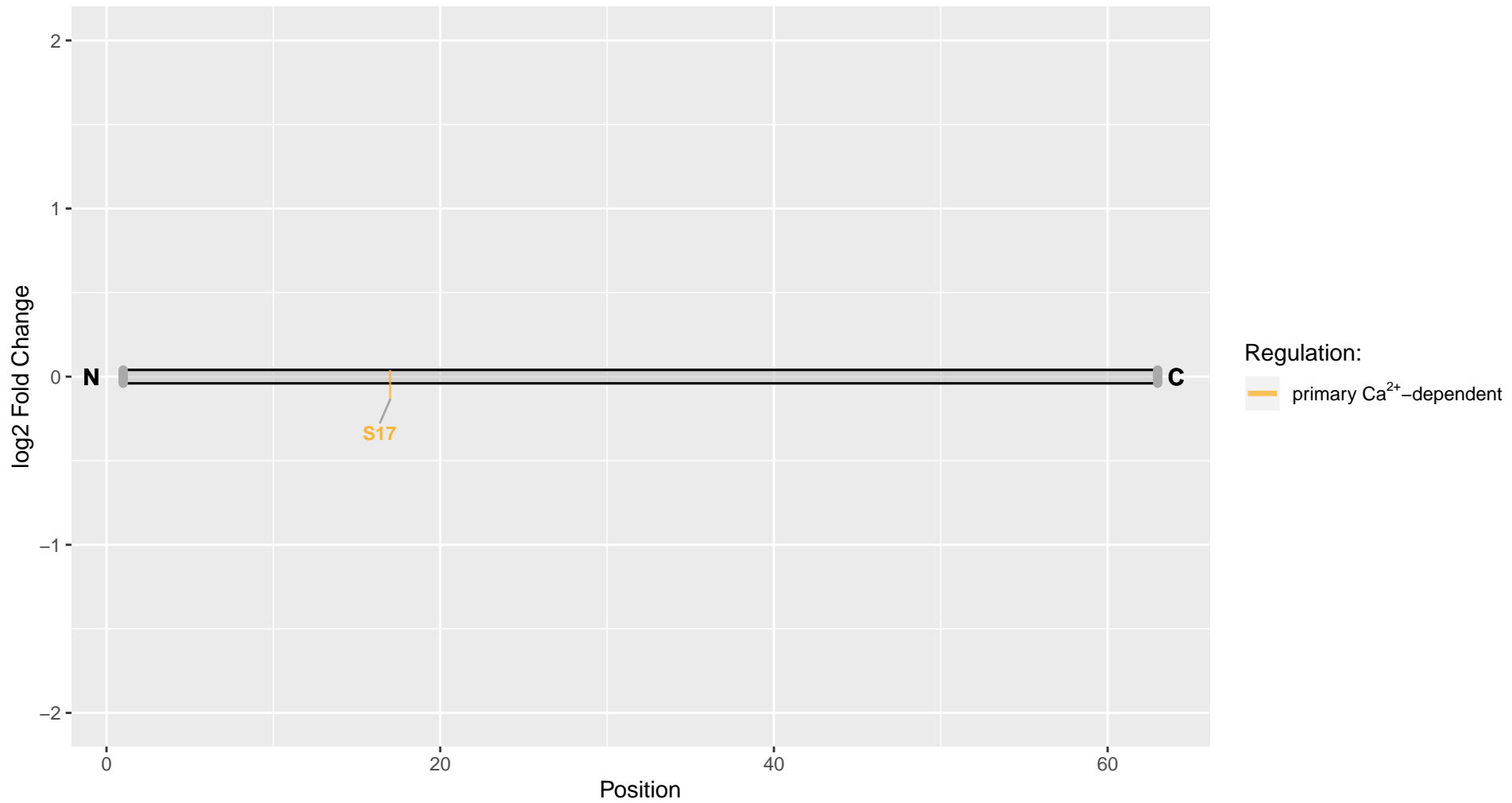
Cytochrome c oxidase subunit 4 isoform 1, mitochondrial



Cox7c

Uniprot Accession: P80432

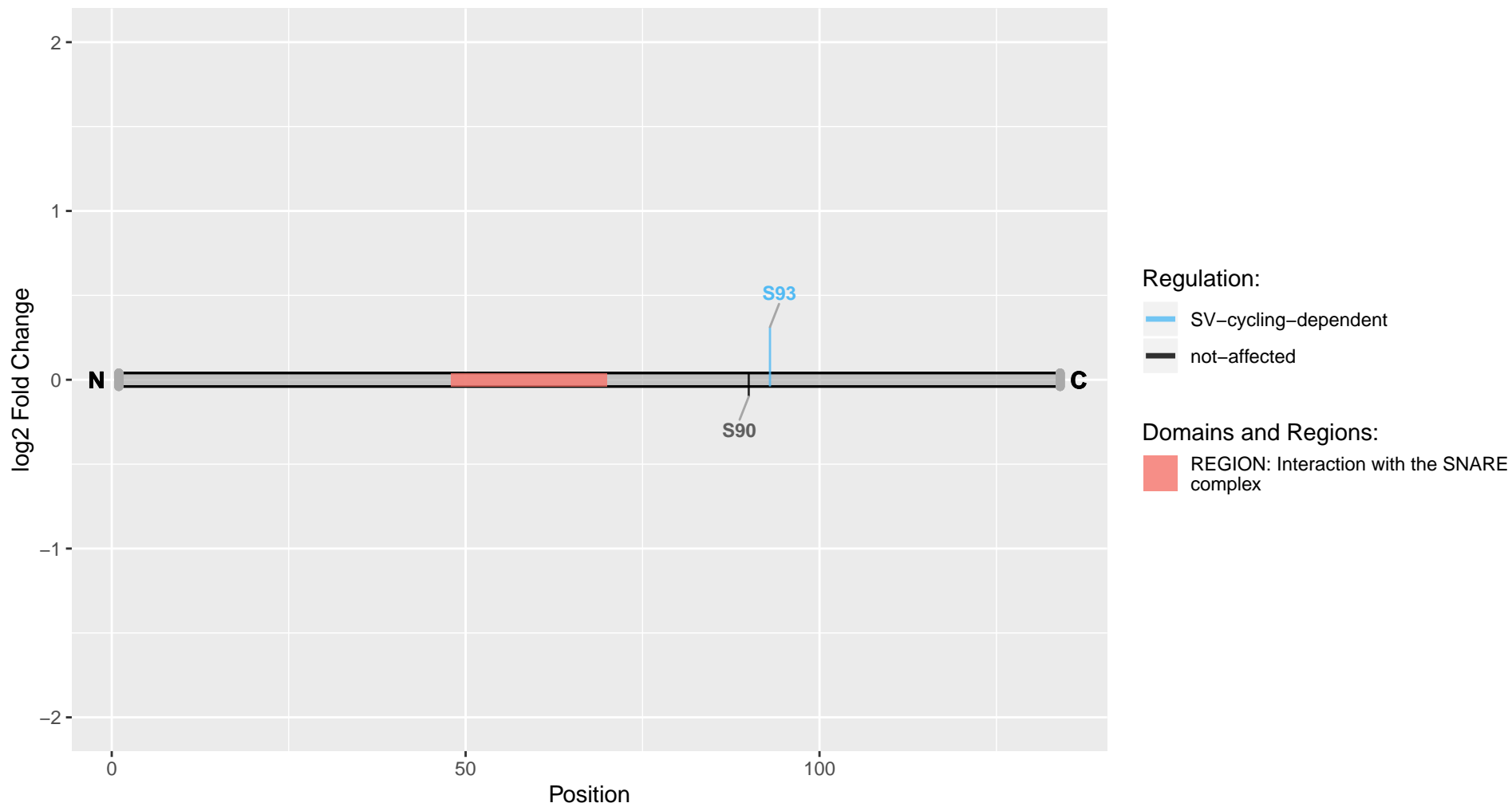
Cytochrome c oxidase subunit 7C, mitochondrial



Cplx1

Uniprot Accession: P63041

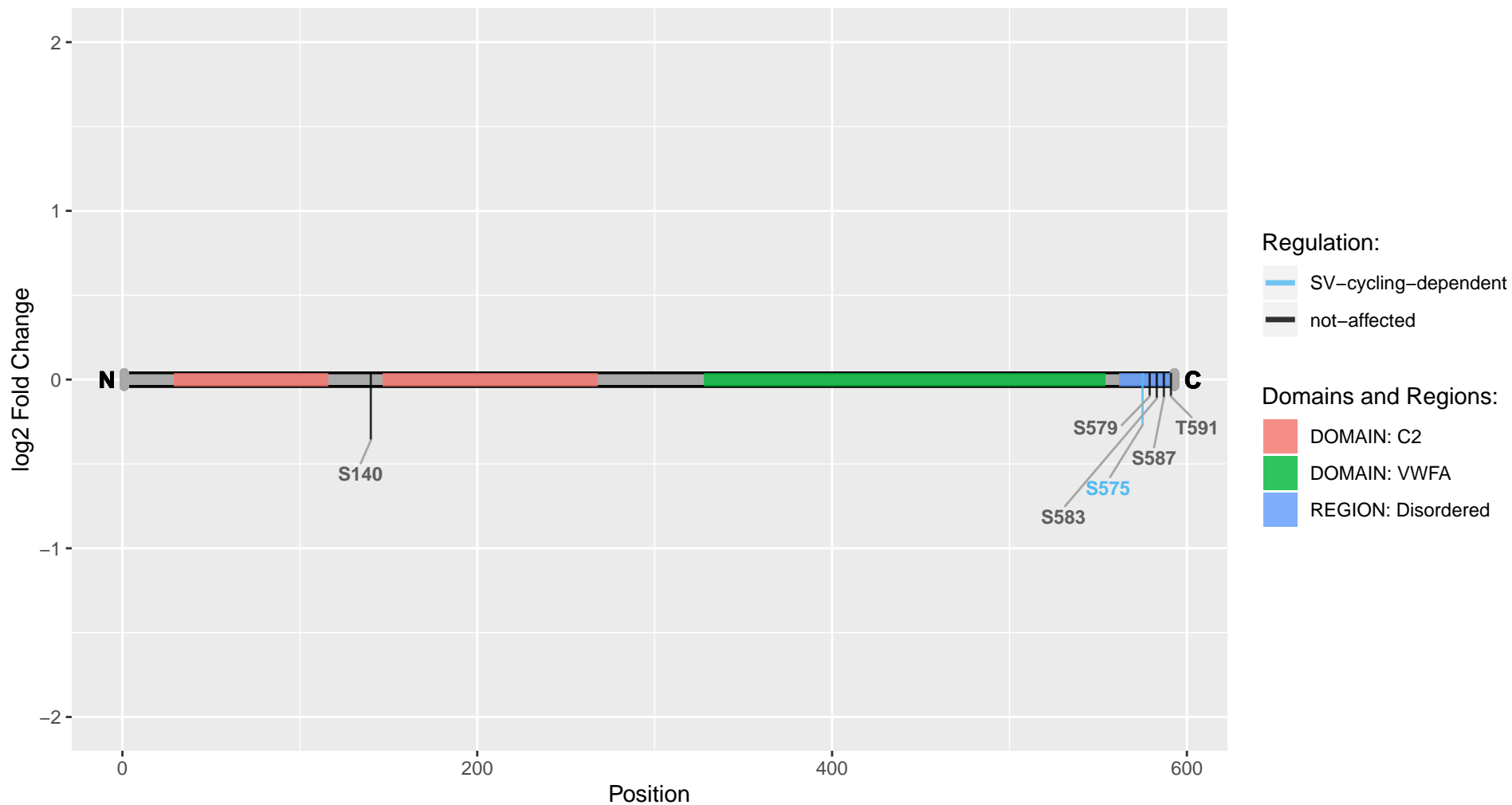
Complexin-1



Cpne5

Uniprot Accession: D3ZGN2

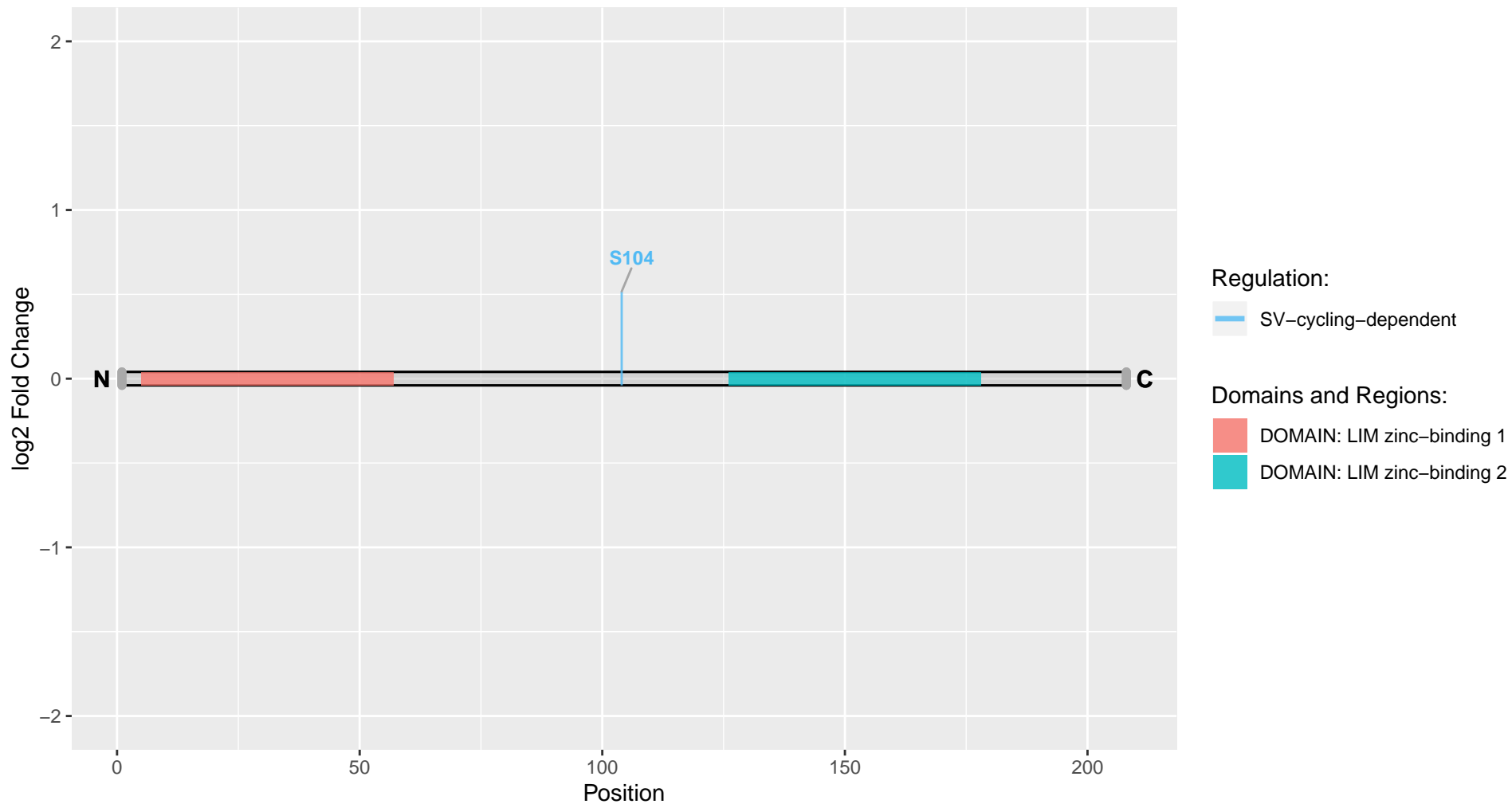
Copine 5



Crip2

Uniprot Accession: P36201

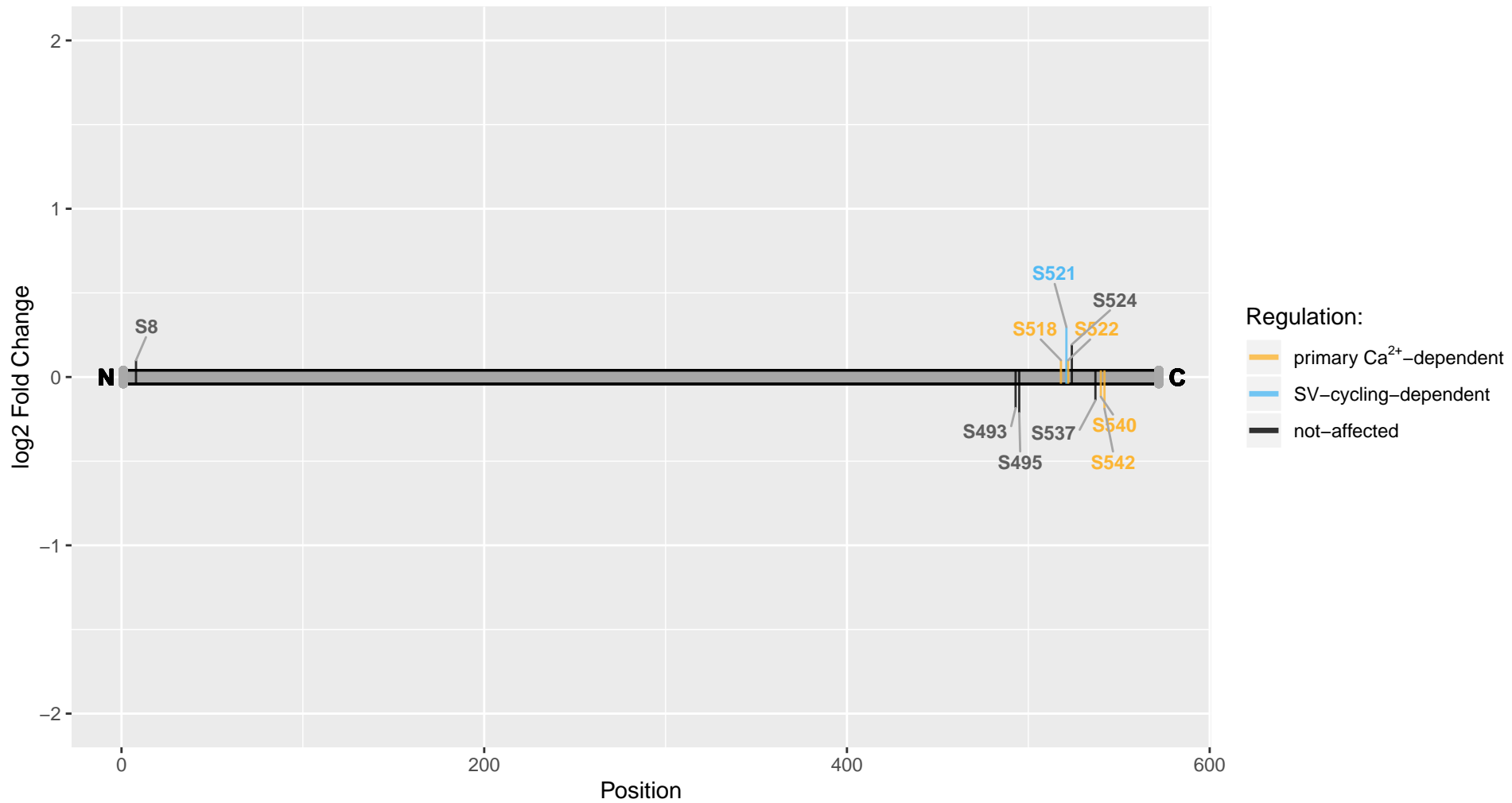
Cysteine-rich protein 2



Crmp1

Uniprot Accession: Q62950

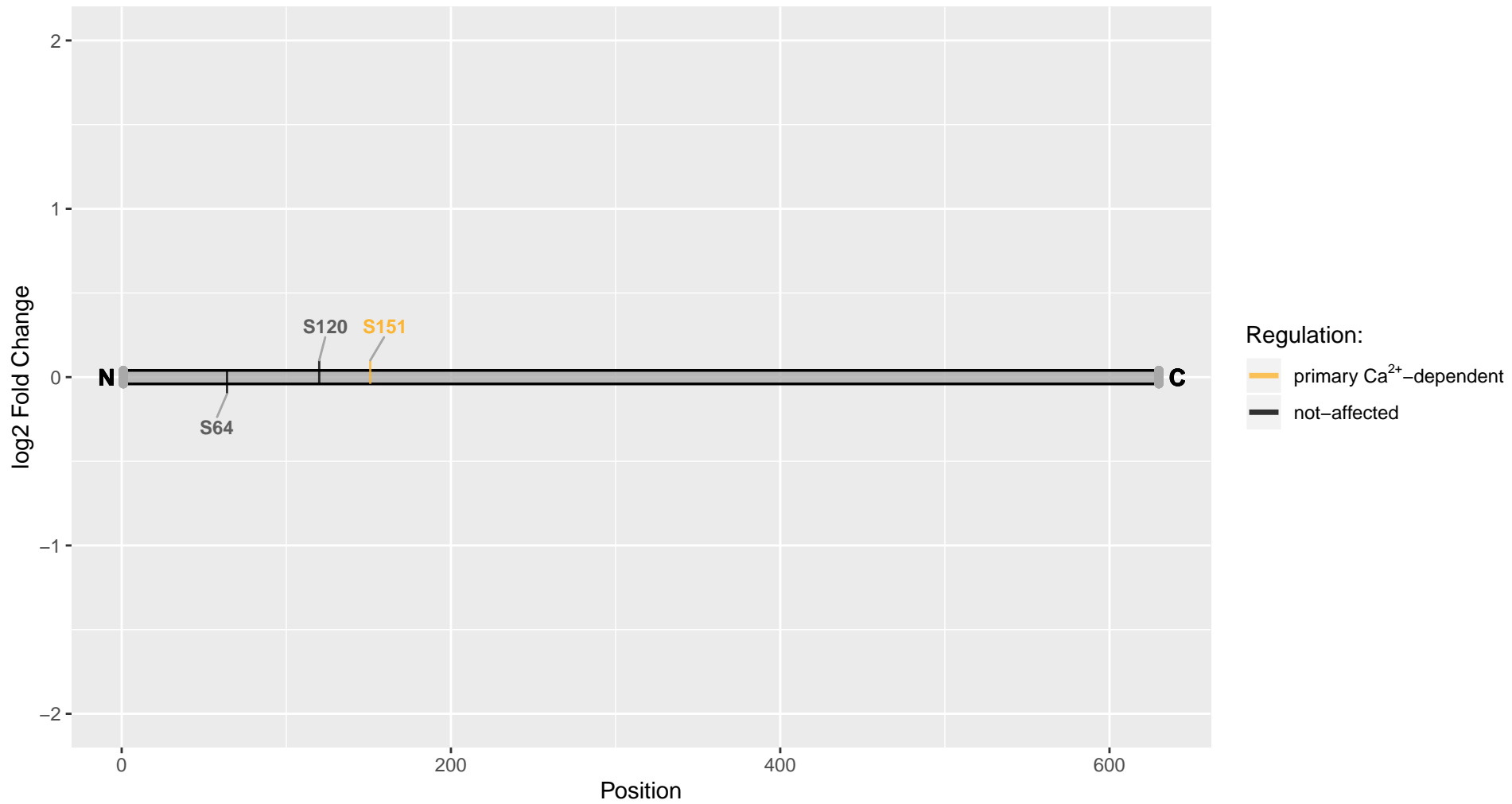
Dihydropyrimidinase-related protein 1



Crtc1

Uniprot Accession: Q157S1

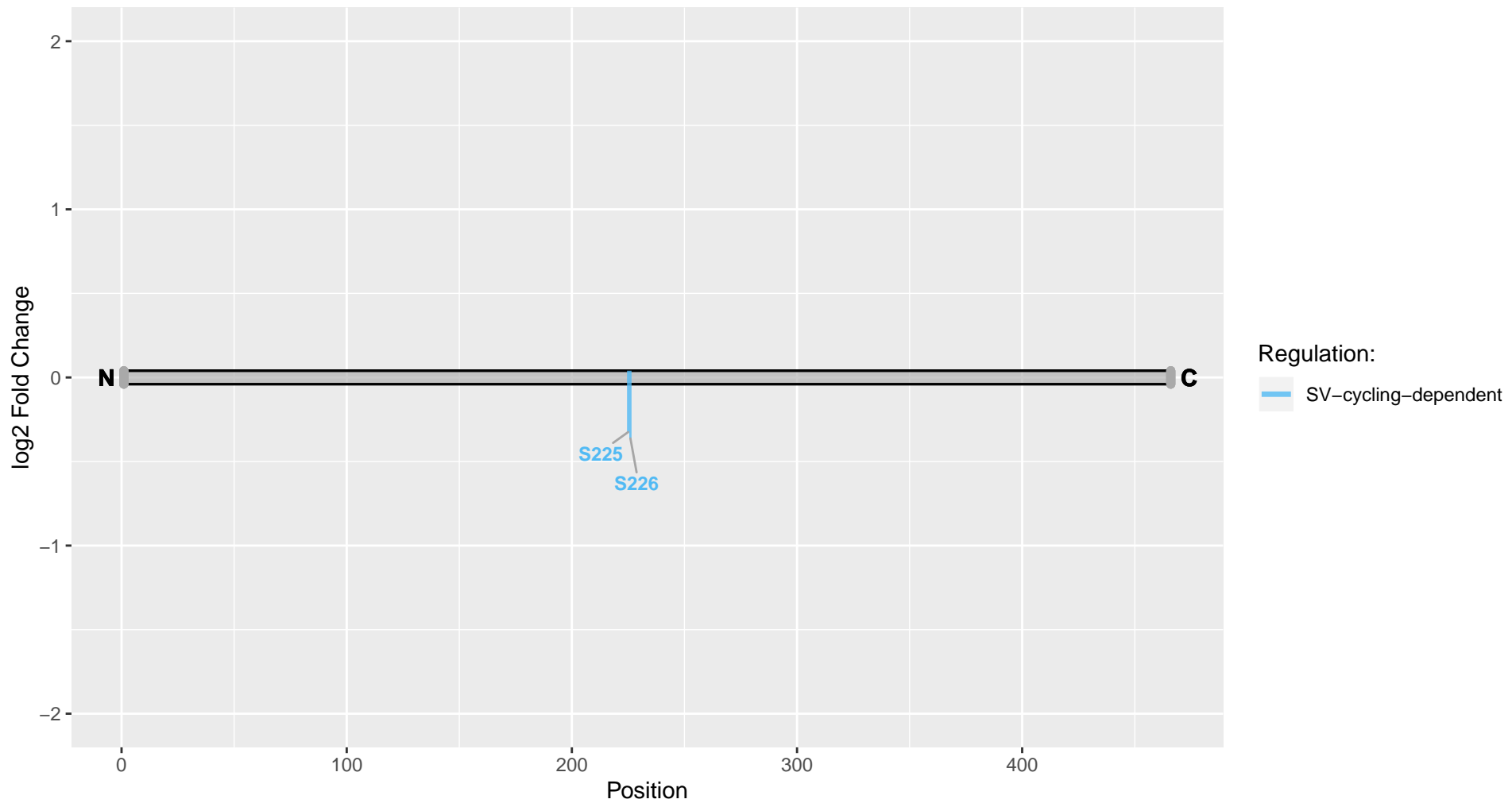
CREB-regulated transcription coactivator 1



Cs

Uniprot Accession: Q8VHF5

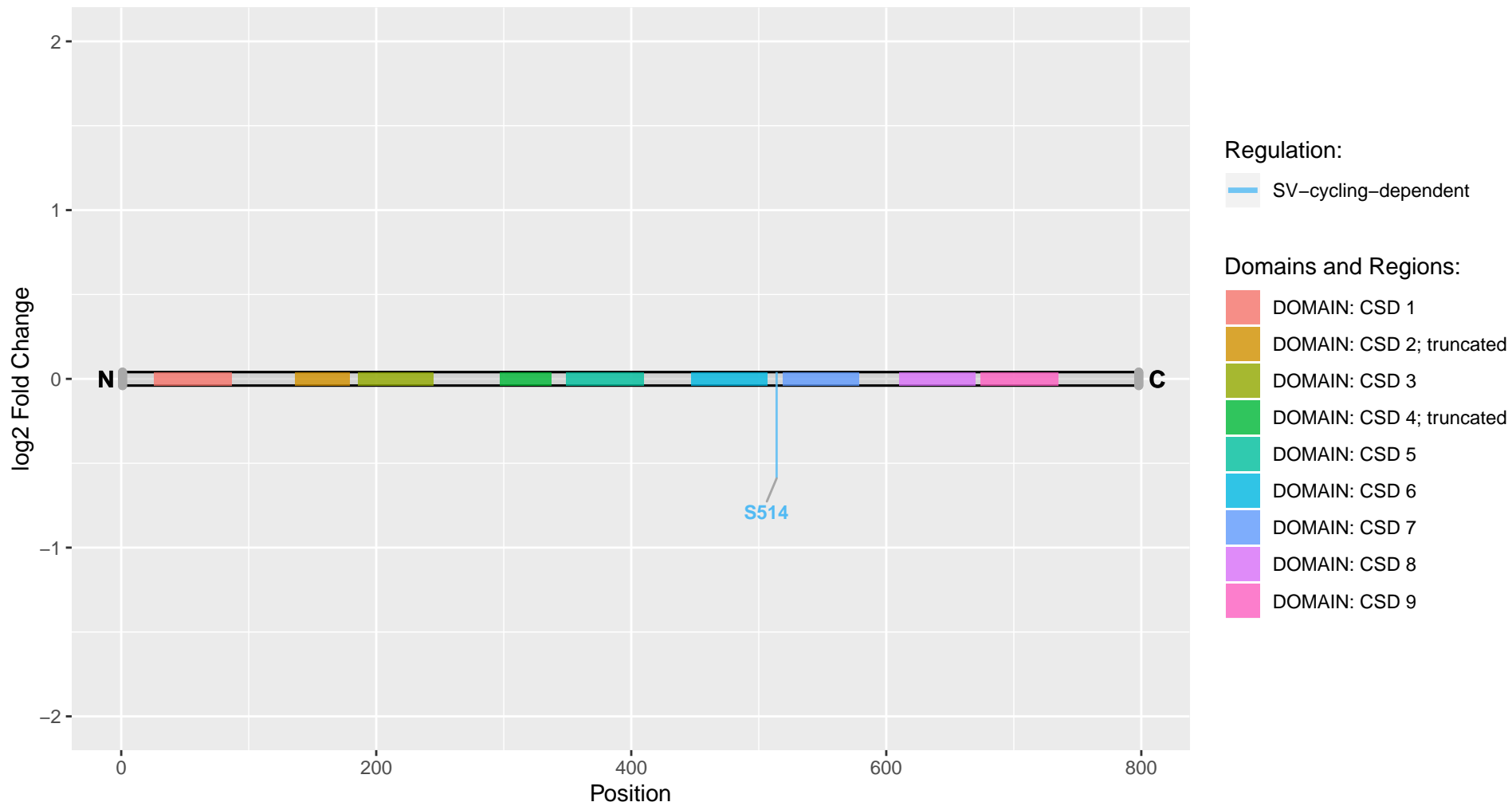
Citrate synthase, mitochondrial



Csde1

Uniprot Accession: P18395

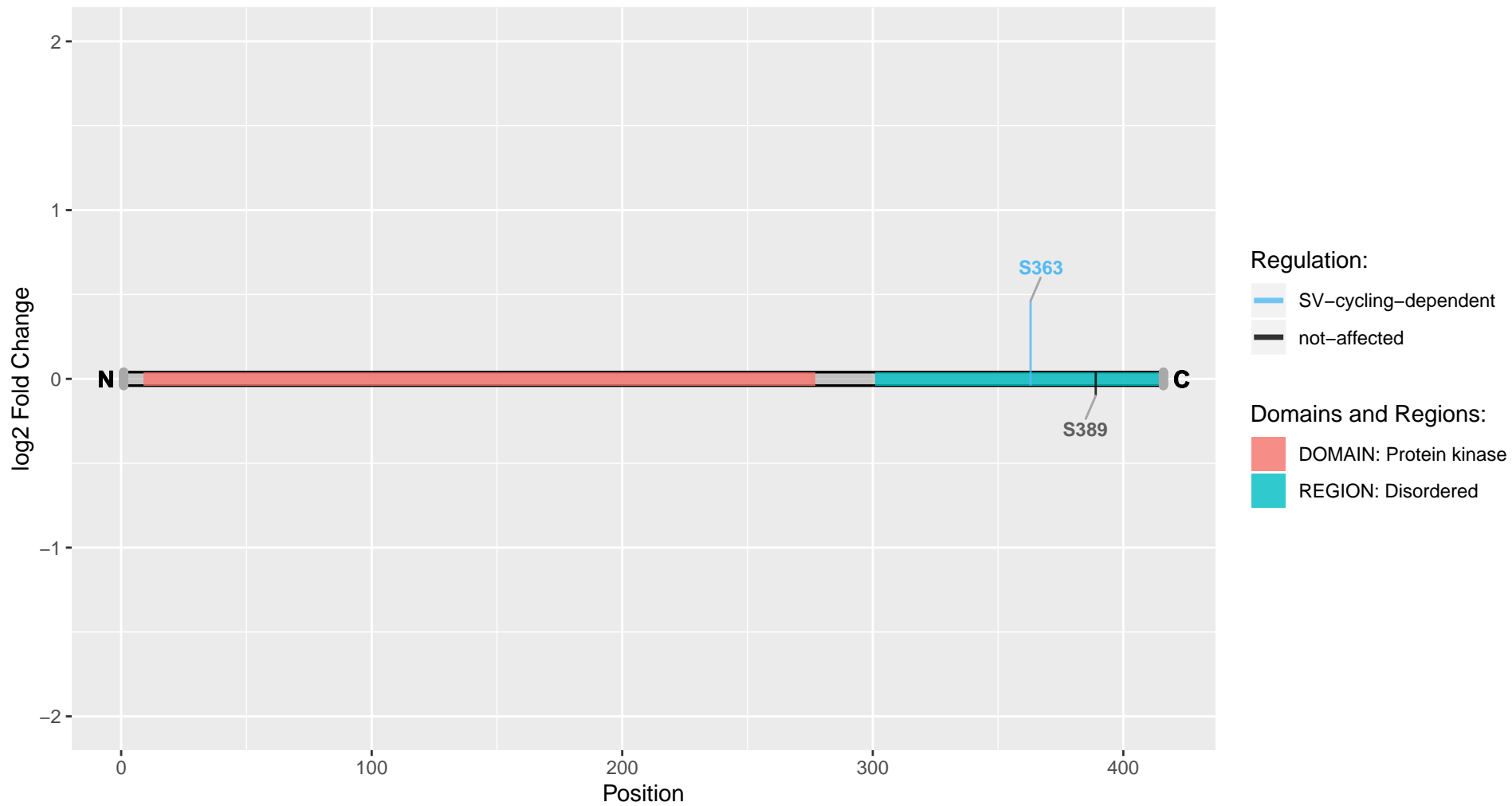
Cold shock domain-containing protein E1



Csnk1e

Uniprot Accession: Q9JJ76

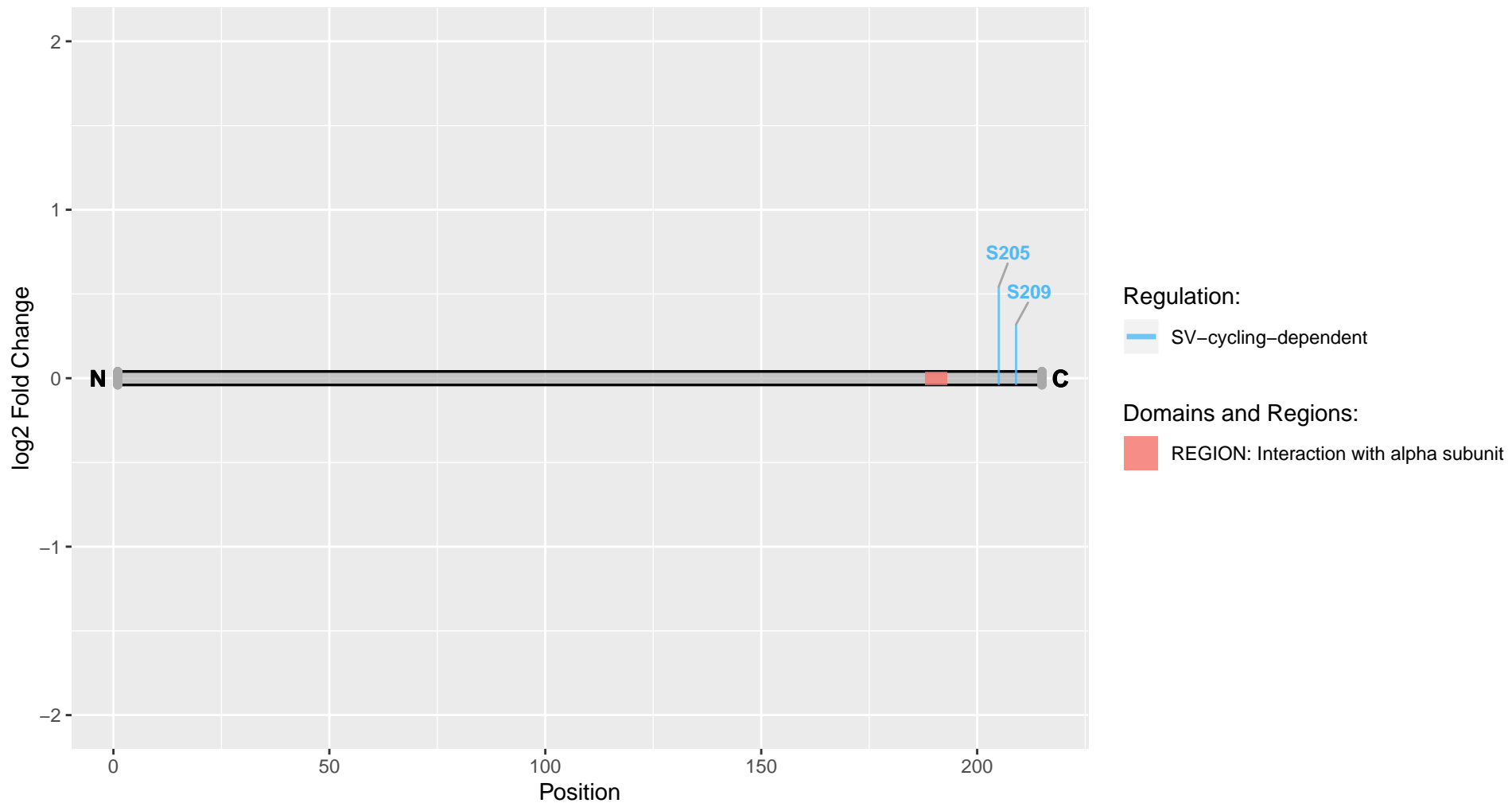
Casein kinase 1 epsilon



Csnk2b

Uniprot Accession: P67874

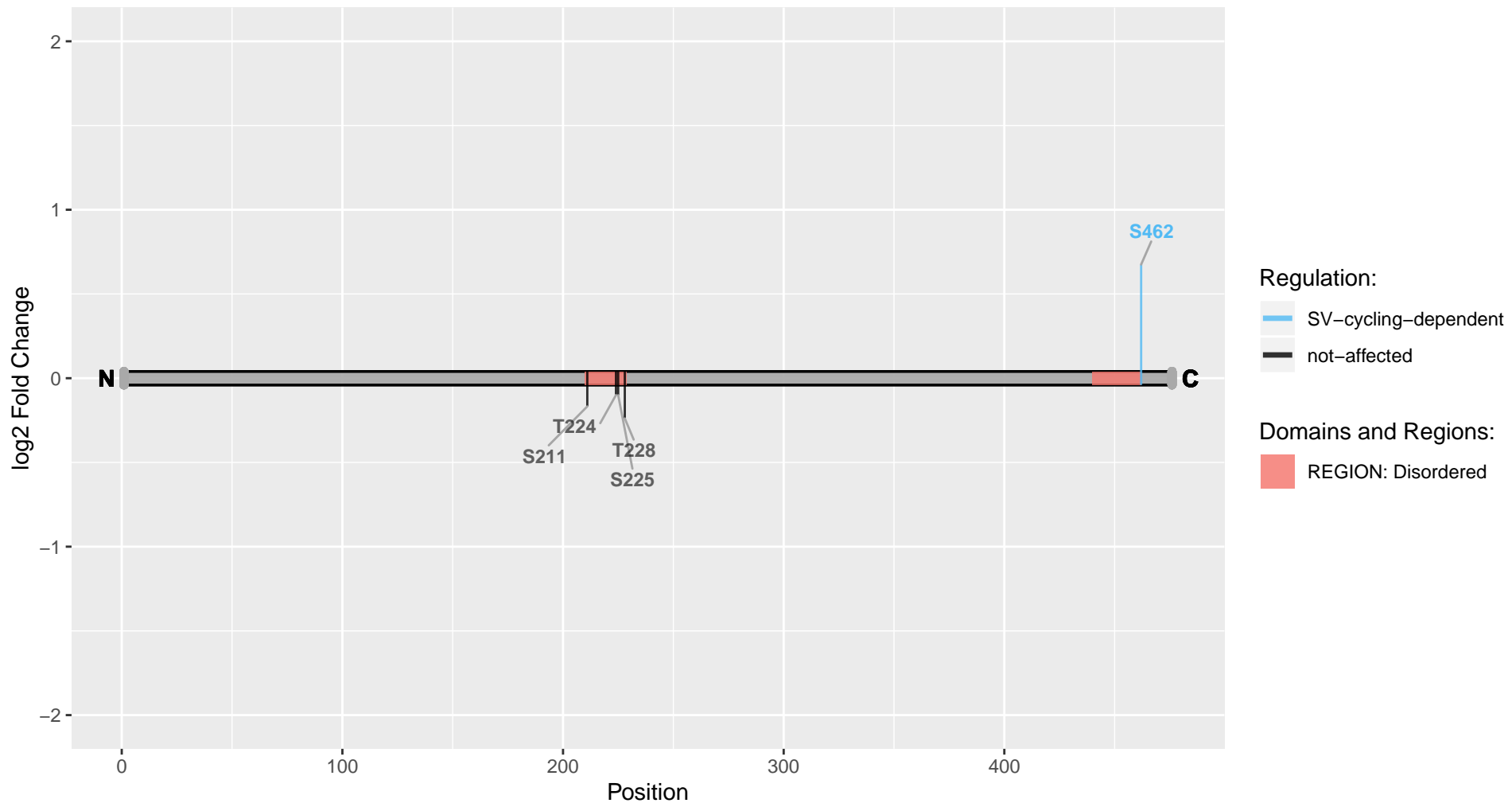
Casein kinase II subunit beta



Ctnna2

Uniprot Accession: D4A6H8

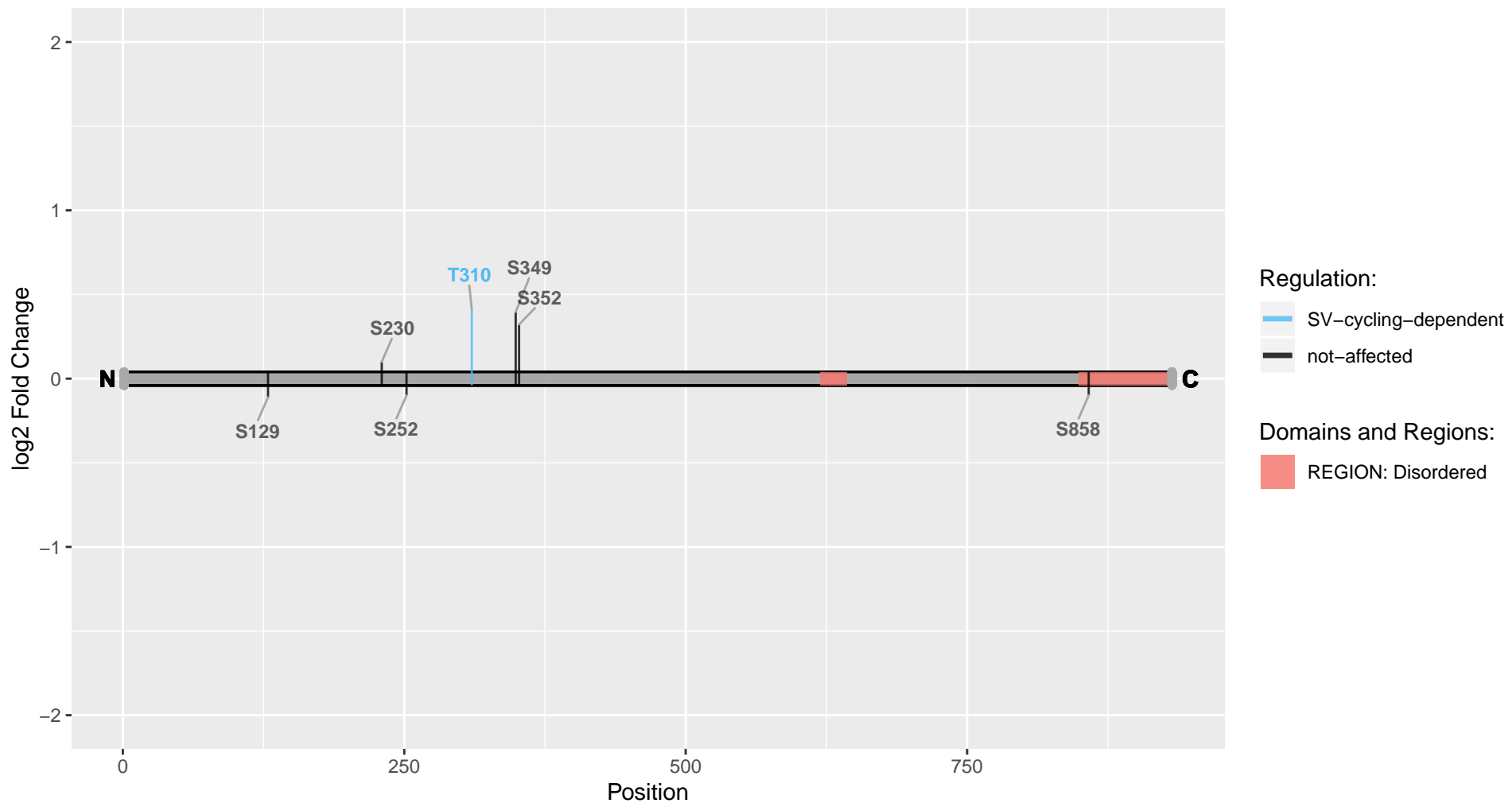
Catenin alpha 2



Ctnnd1

Uniprot Accession: D3ZZZ9

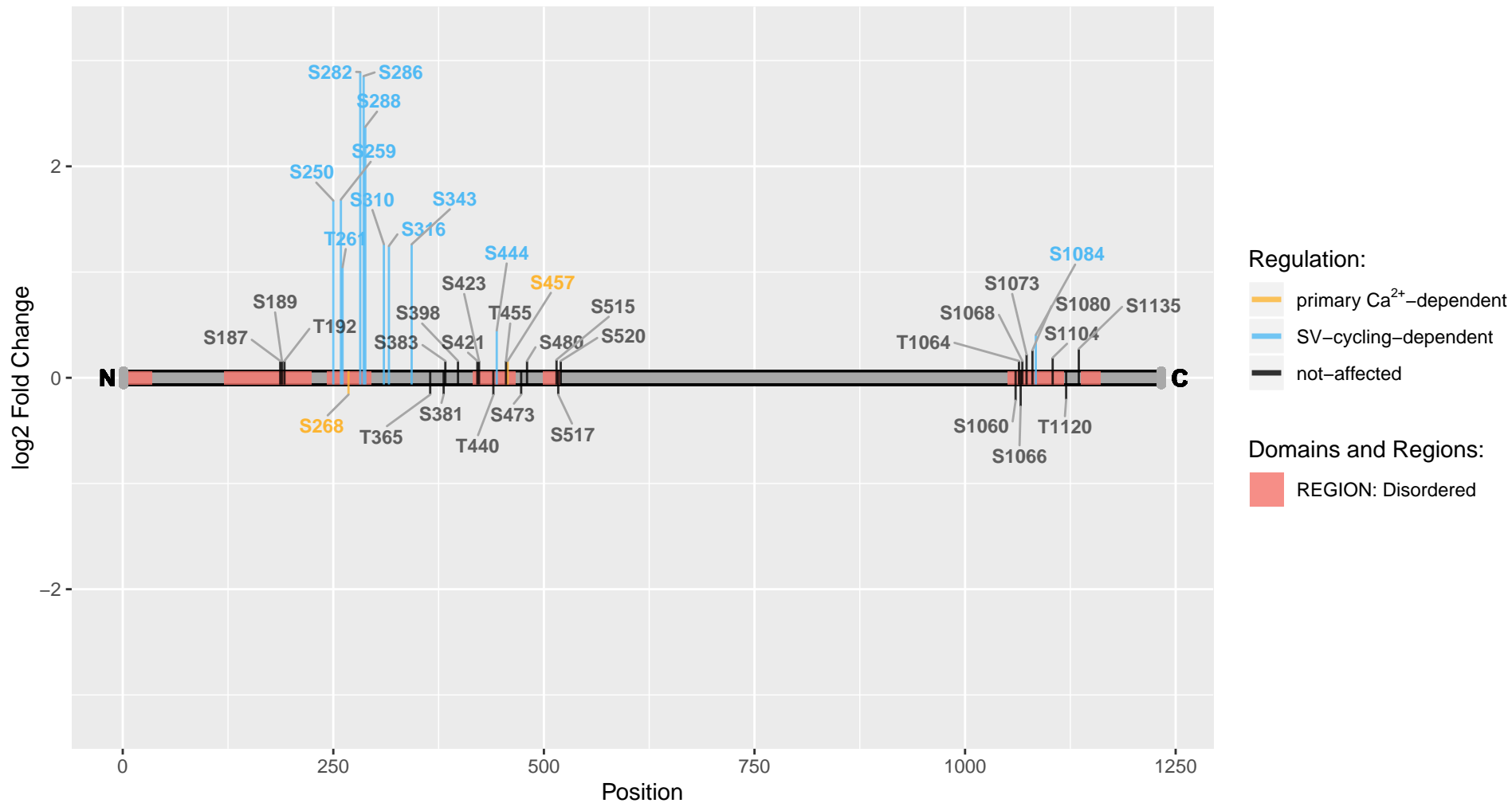
Catenin (Cadherin associated protein), delta 1 (Predicted), isoform CRA_a



Ctnnd2

Uniprot Accession: F1M787

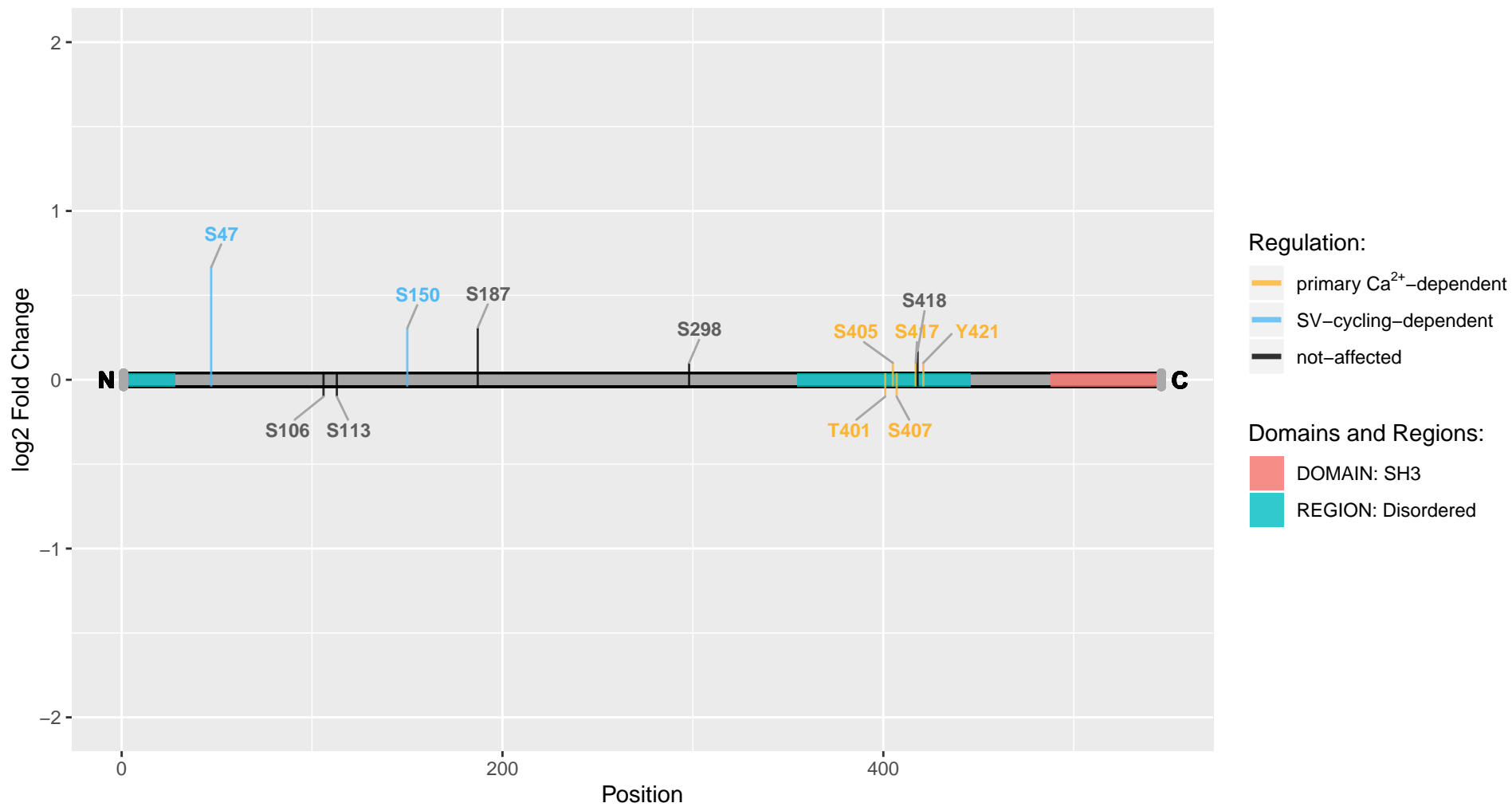
Catenin delta-2



Ctnn

Uniprot Accession: D3ZGE6

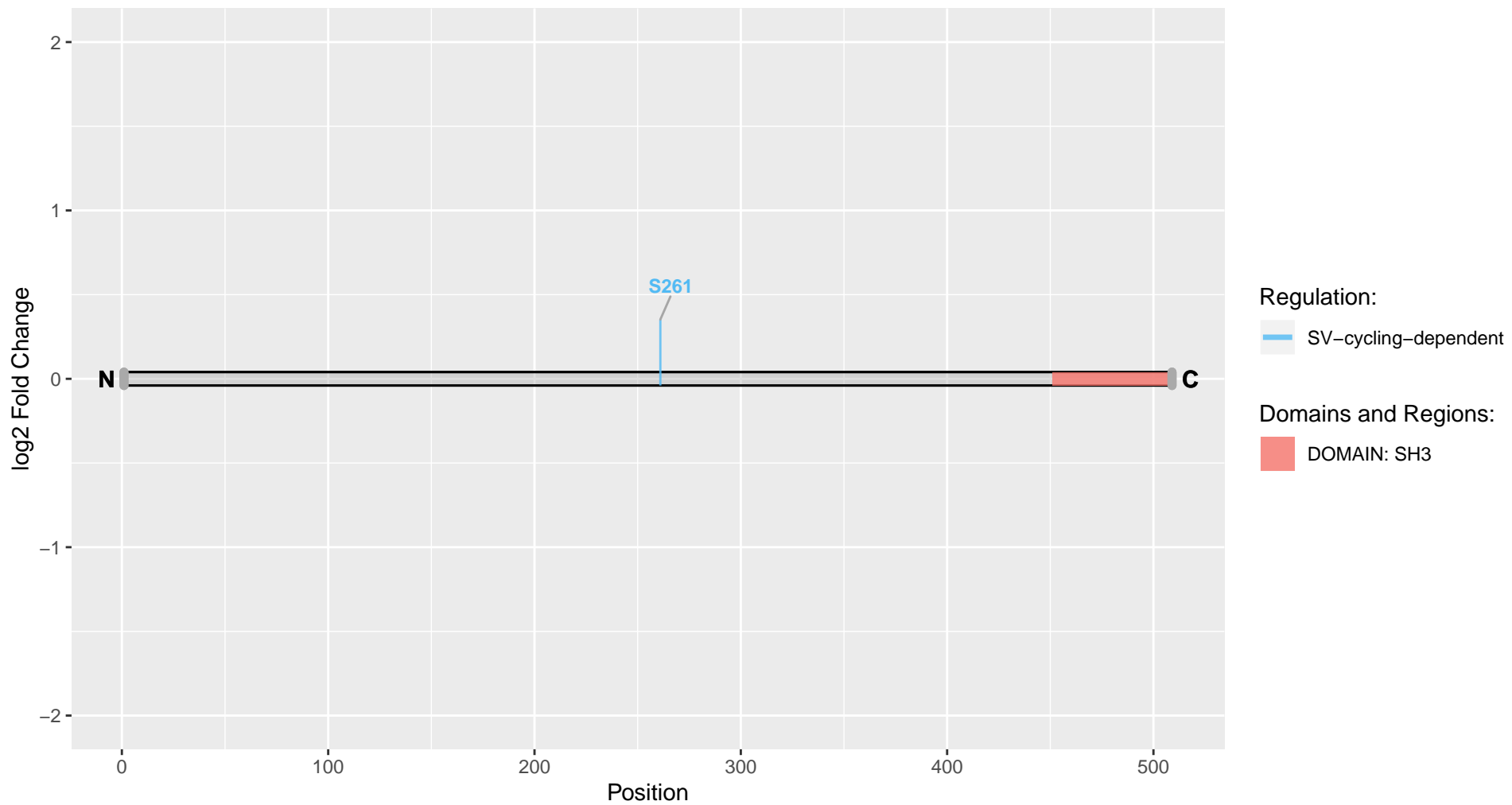
Cortactin, isoform CRA_c



Ctnn

Uniprot Accession: Q66HL2

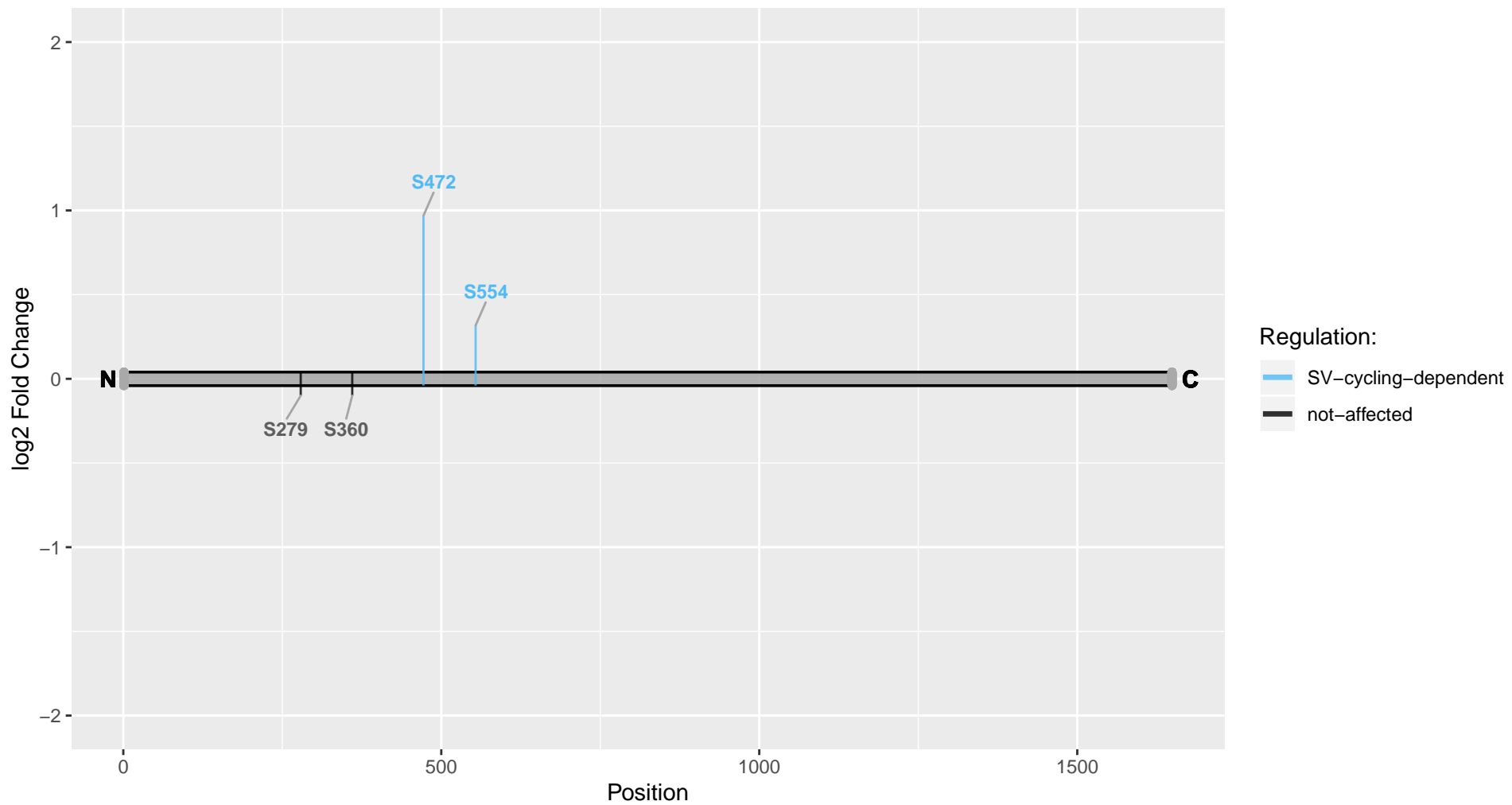
Src substrate cortactin



Cttnbp2

Uniprot Accession: Q2IBD4

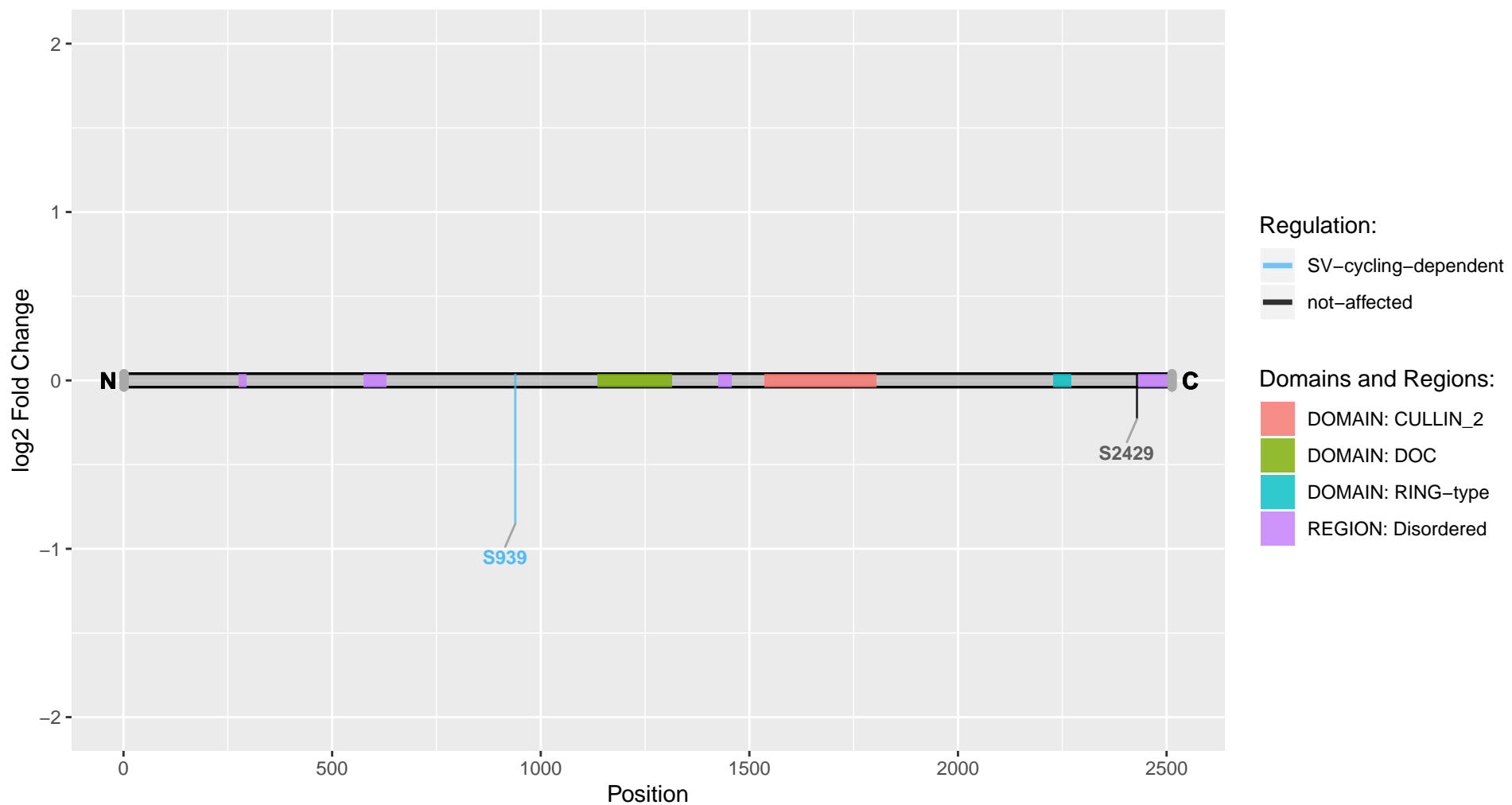
Cortactin-binding protein 2



Cul9

Uniprot Accession: A0A0G2K652

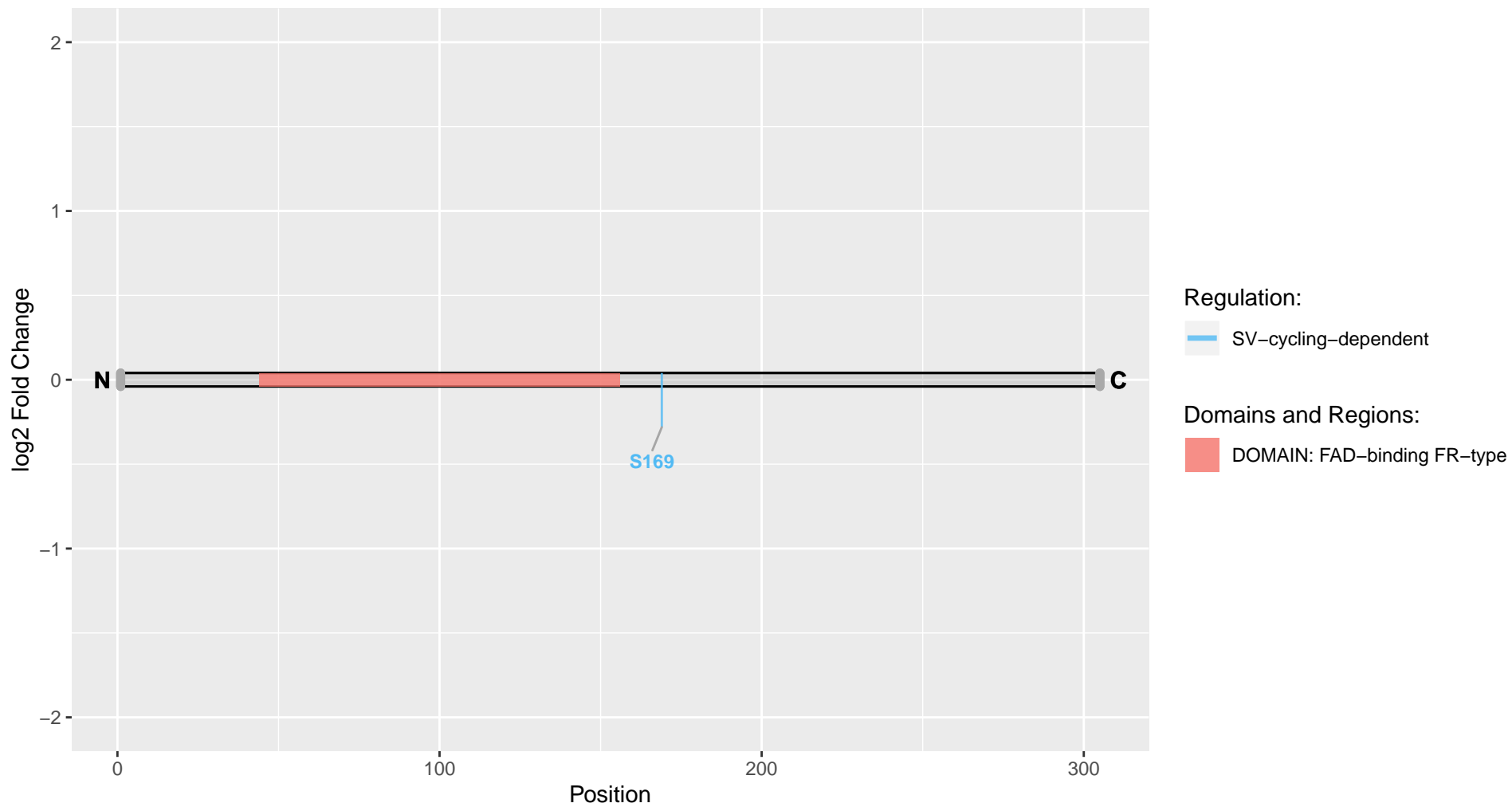
Cullin 9



Cyb5r1

Uniprot Accession: Q5EB81

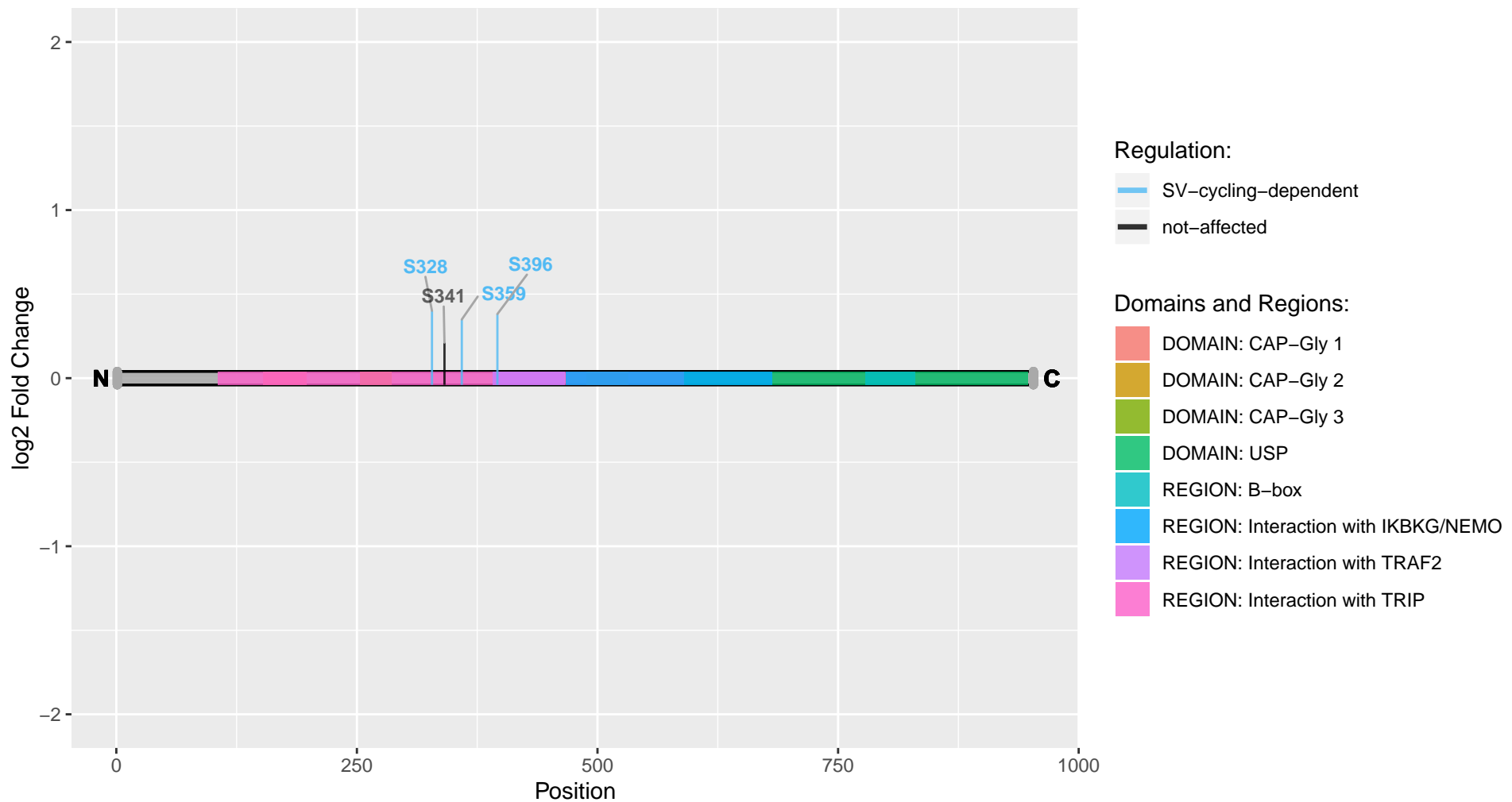
NADH-cytochrome b5 reductase 1



Cyld

Uniprot Accession: Q66H62

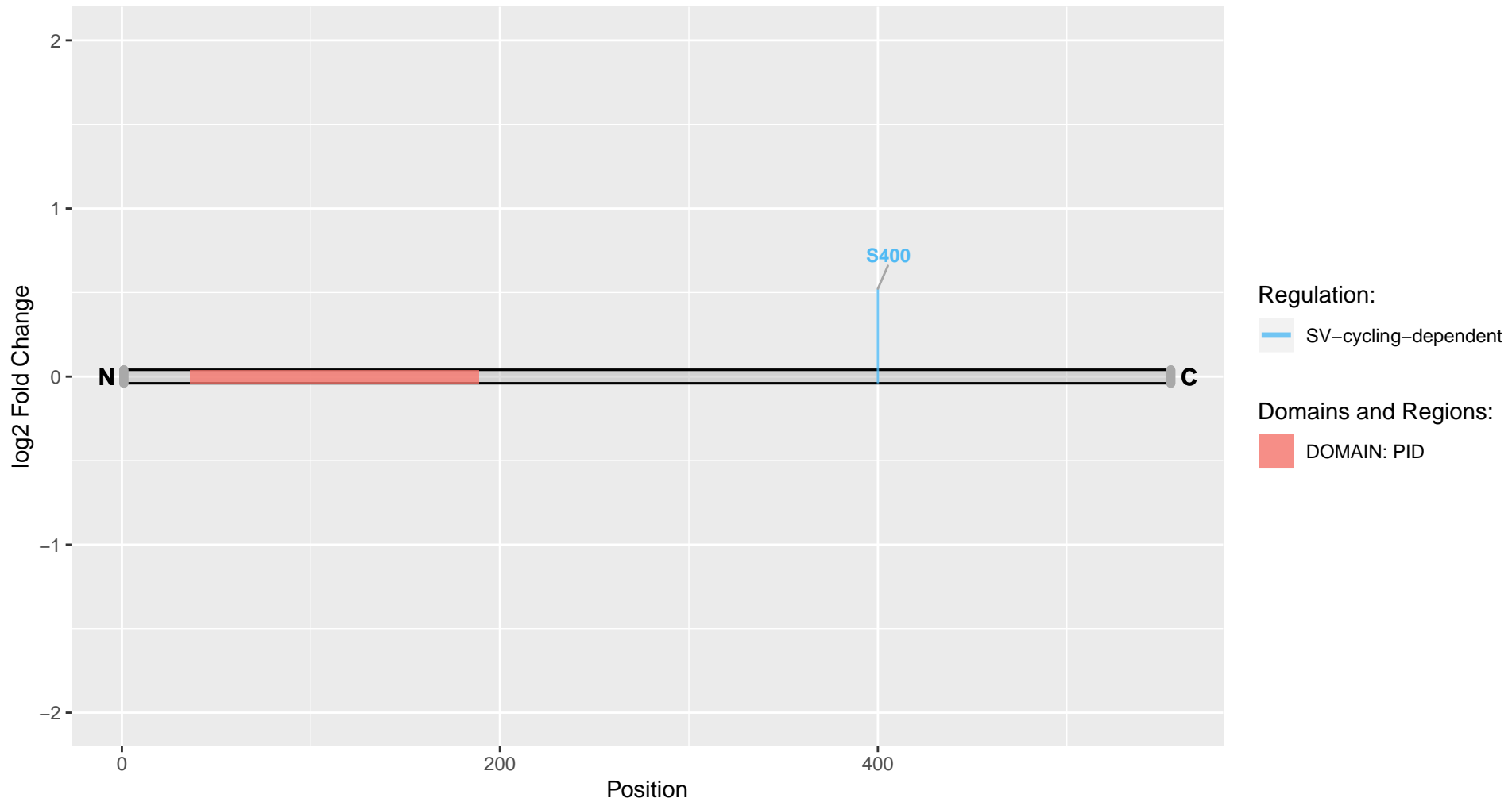
Ubiquitin carboxyl-terminal hydrolase CYLD



Dab1

Uniprot Accession: Q8CJH2

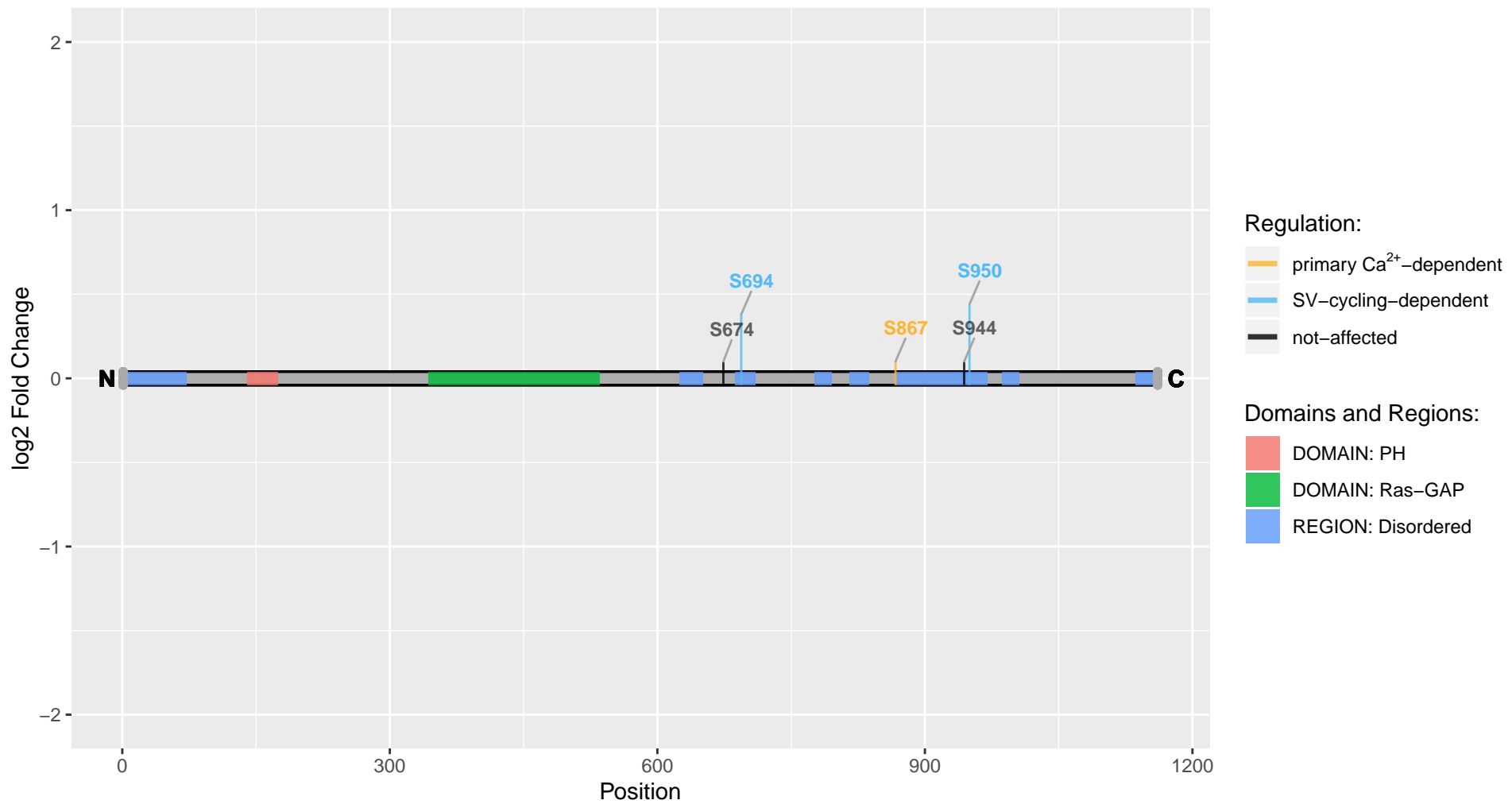
Disabled homolog 1



Dab2ip

Uniprot Accession: A0A0G2JTF2

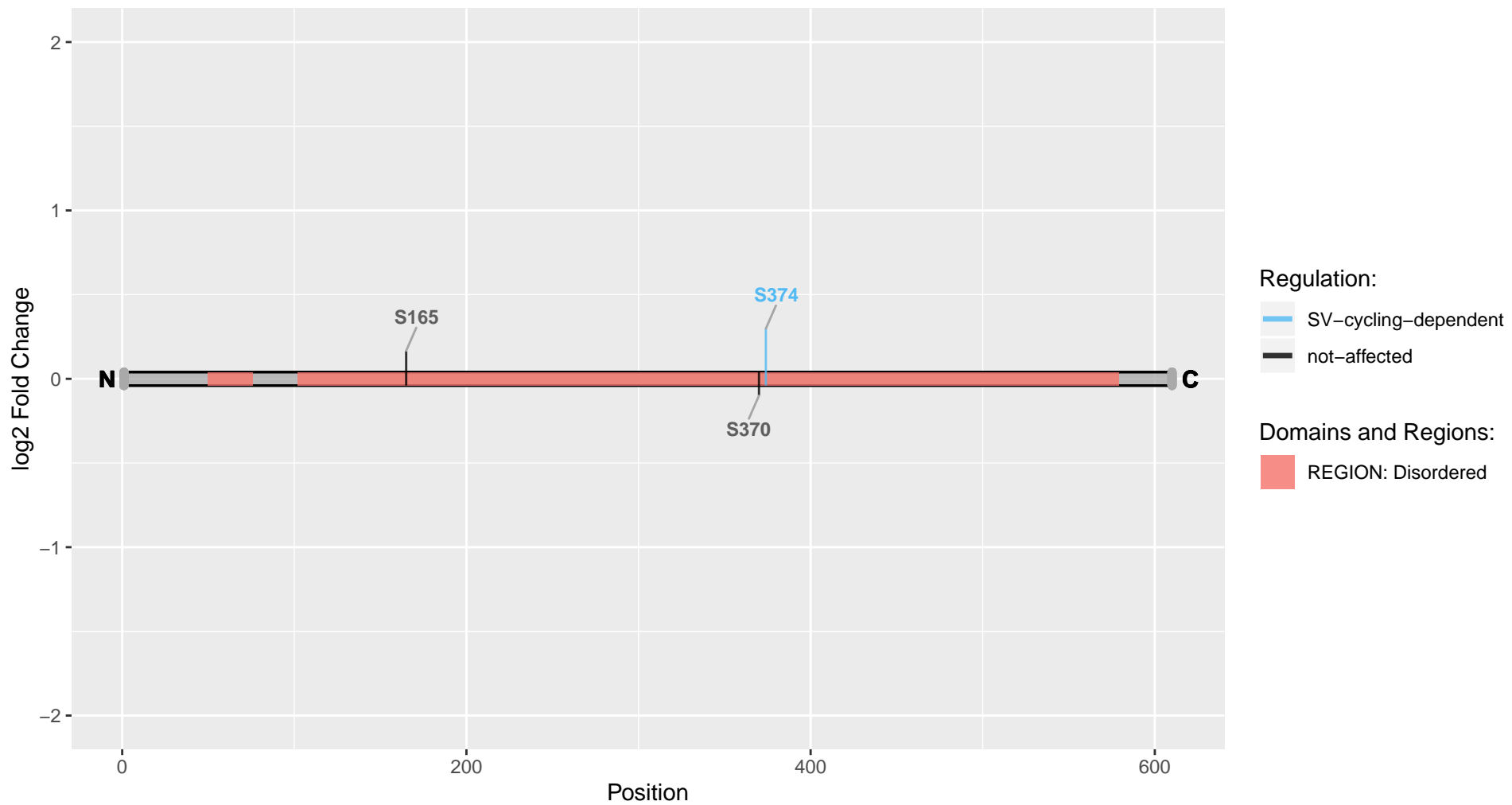
Disabled homolog 2-interacting protein



Dact3

Uniprot Accession: M0R4J7

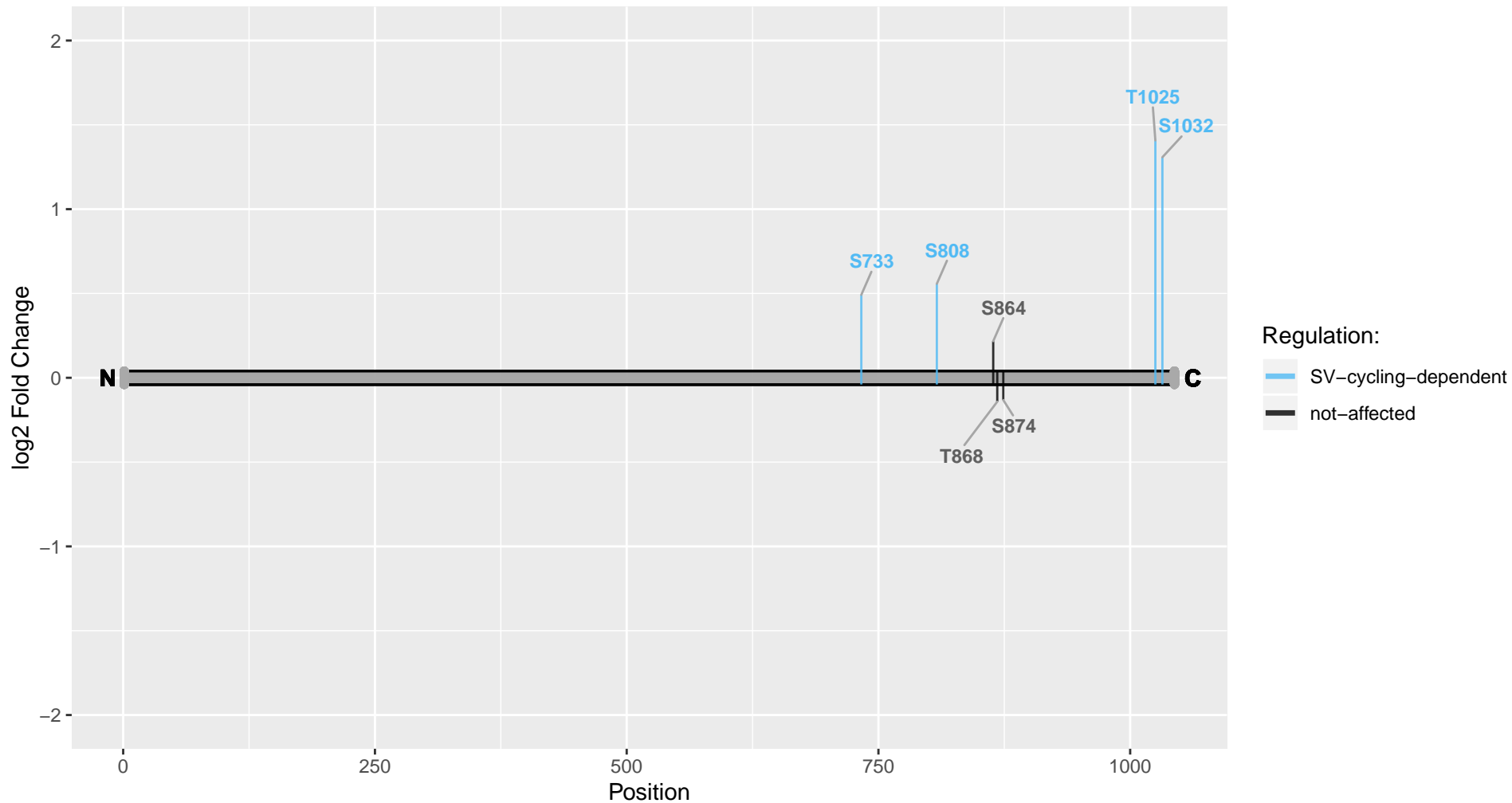
Dishevelled-binding antagonist of beta-catenin 3



Dagla

Uniprot Accession: Q5YLM1

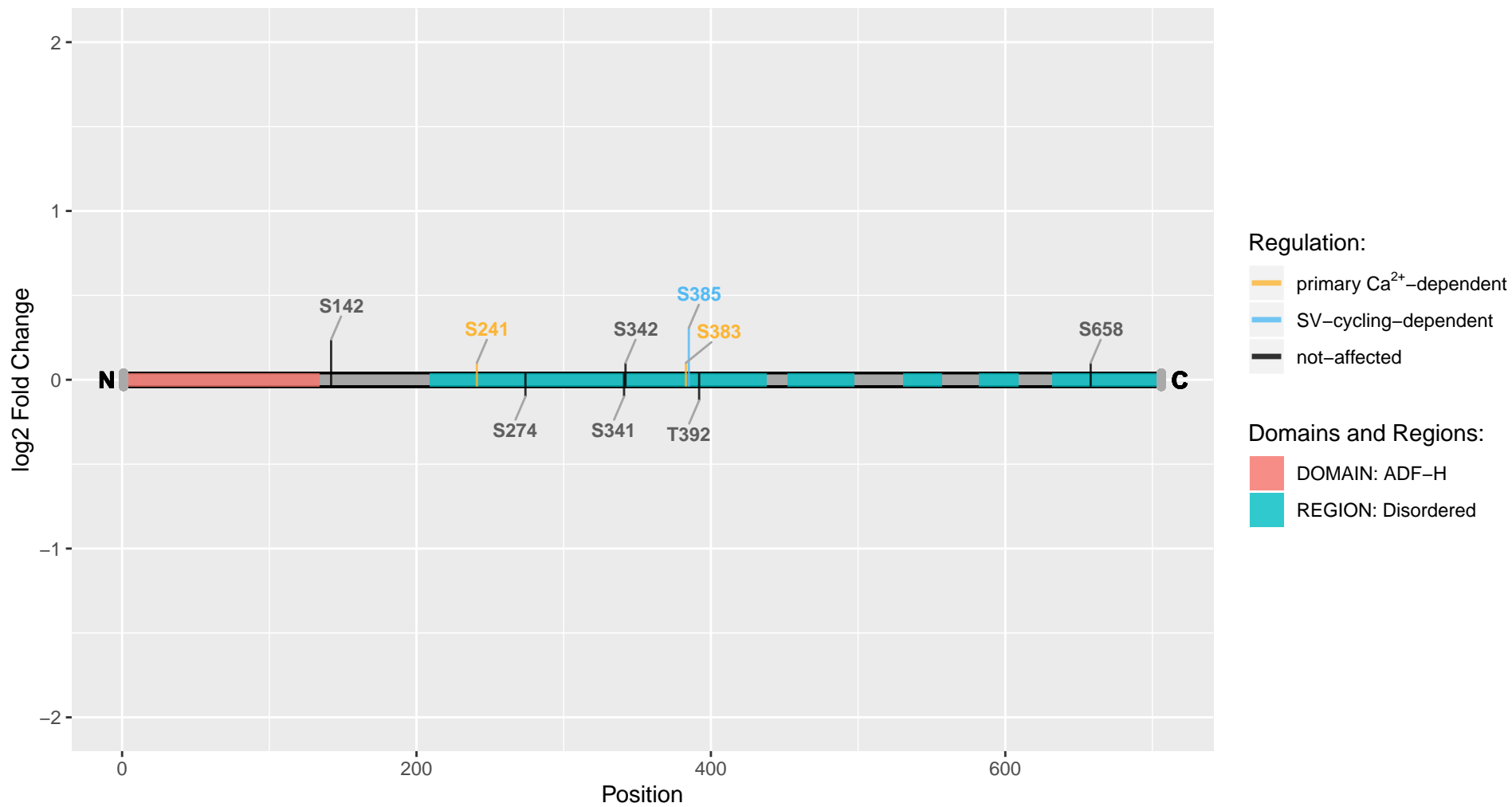
Sn1-specific diacylglycerol lipase alpha



Dbn1

Uniprot Accession: A0A0H2UHL9

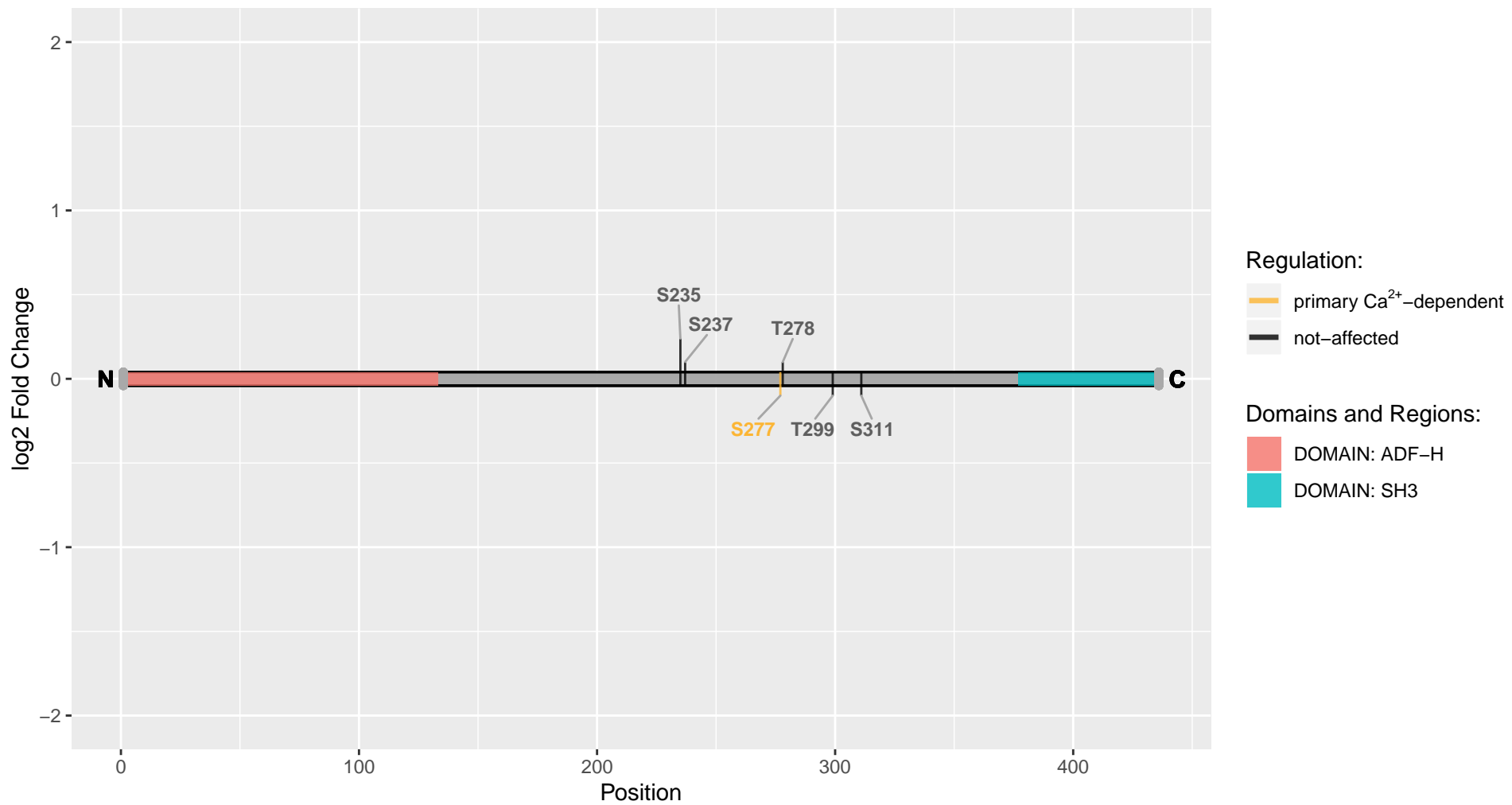
Drebrin



Dbnl

Uniprot Accession: Q9JHL4

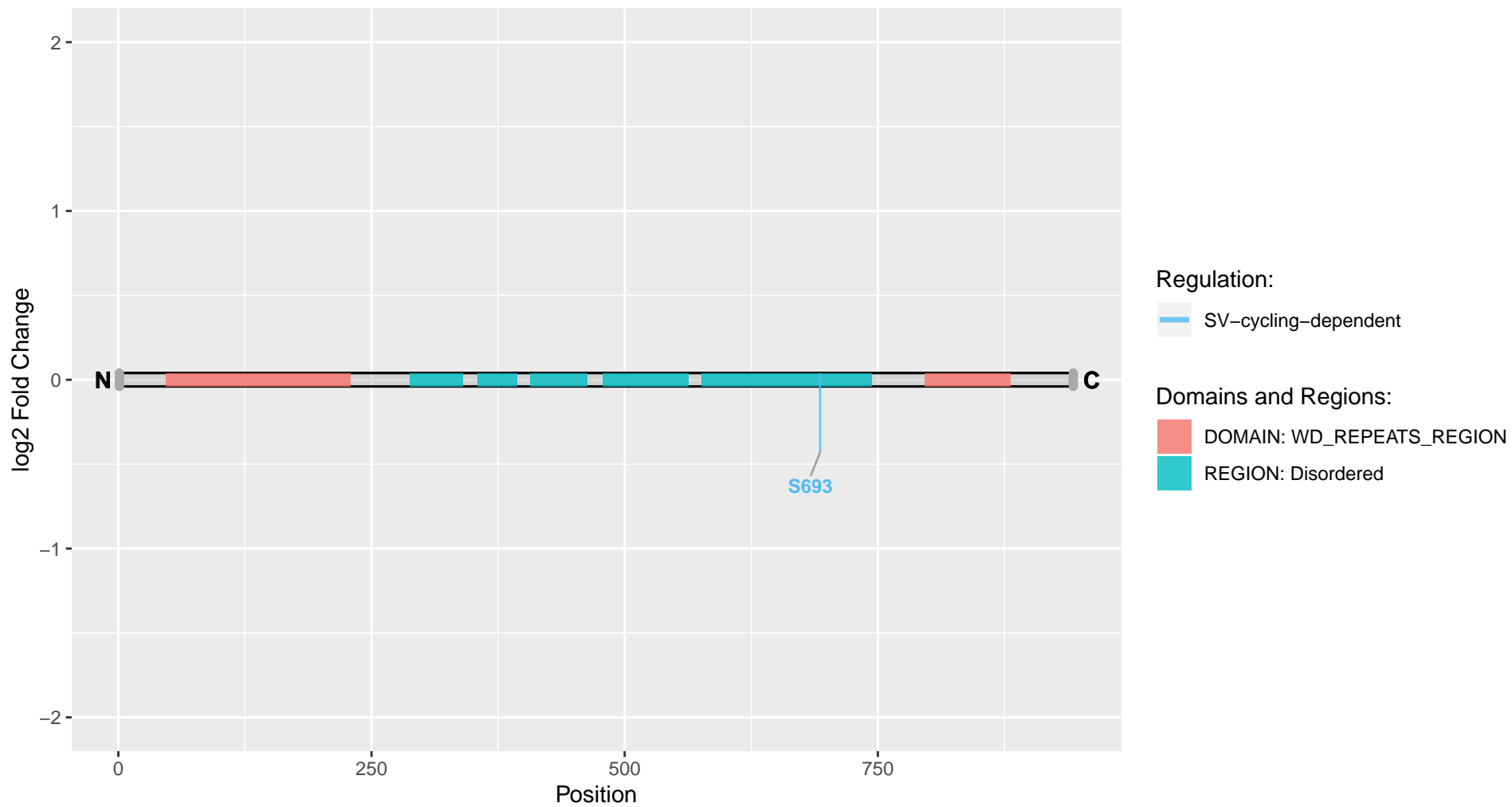
Drebrin-like protein



Dcaf6

Uniprot Accession: D4A8L4

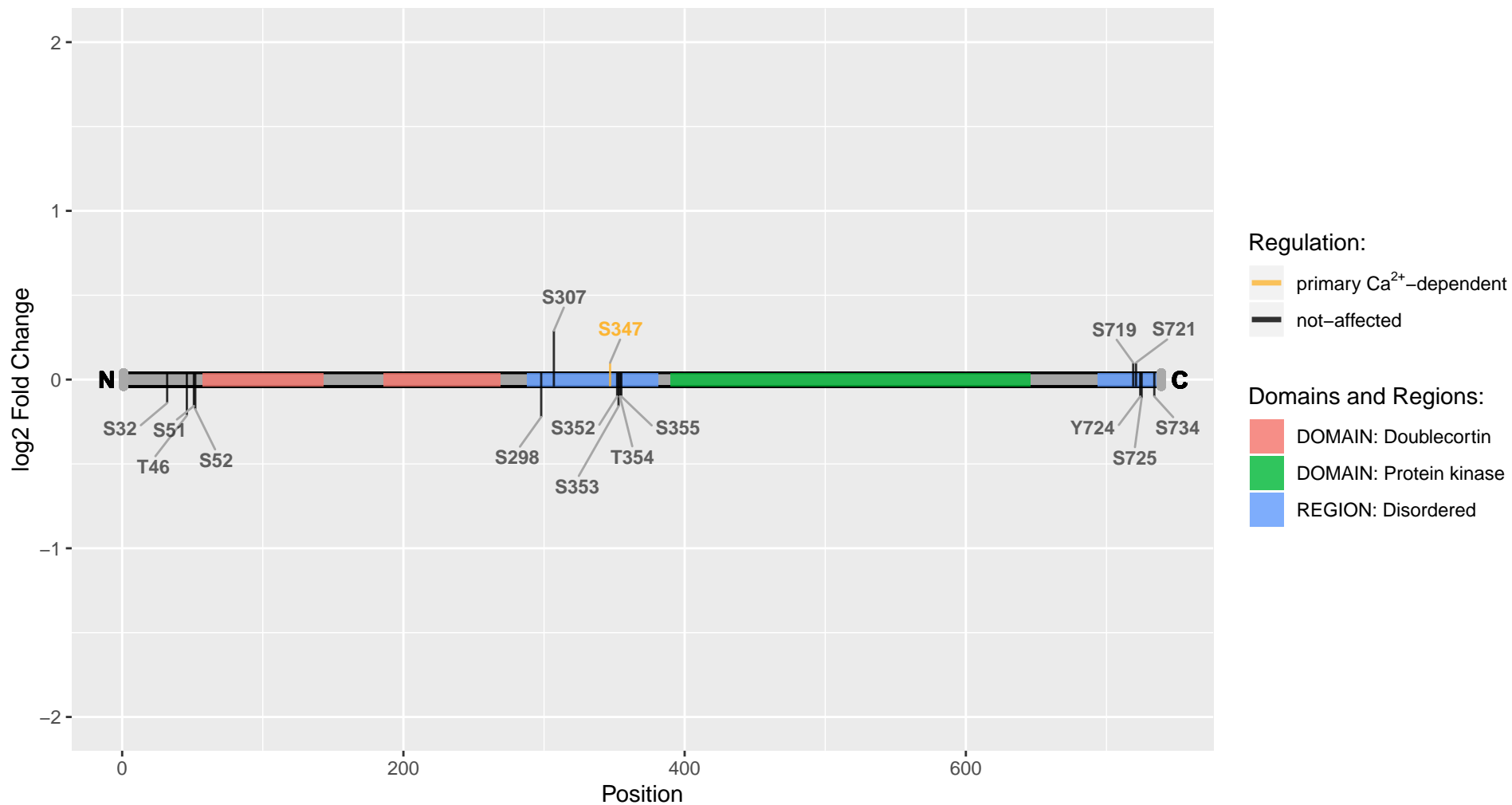
DDB1 and CUL4-associated factor 6



Dclk1

Uniprot Accession: A0A1W2Q6Q2

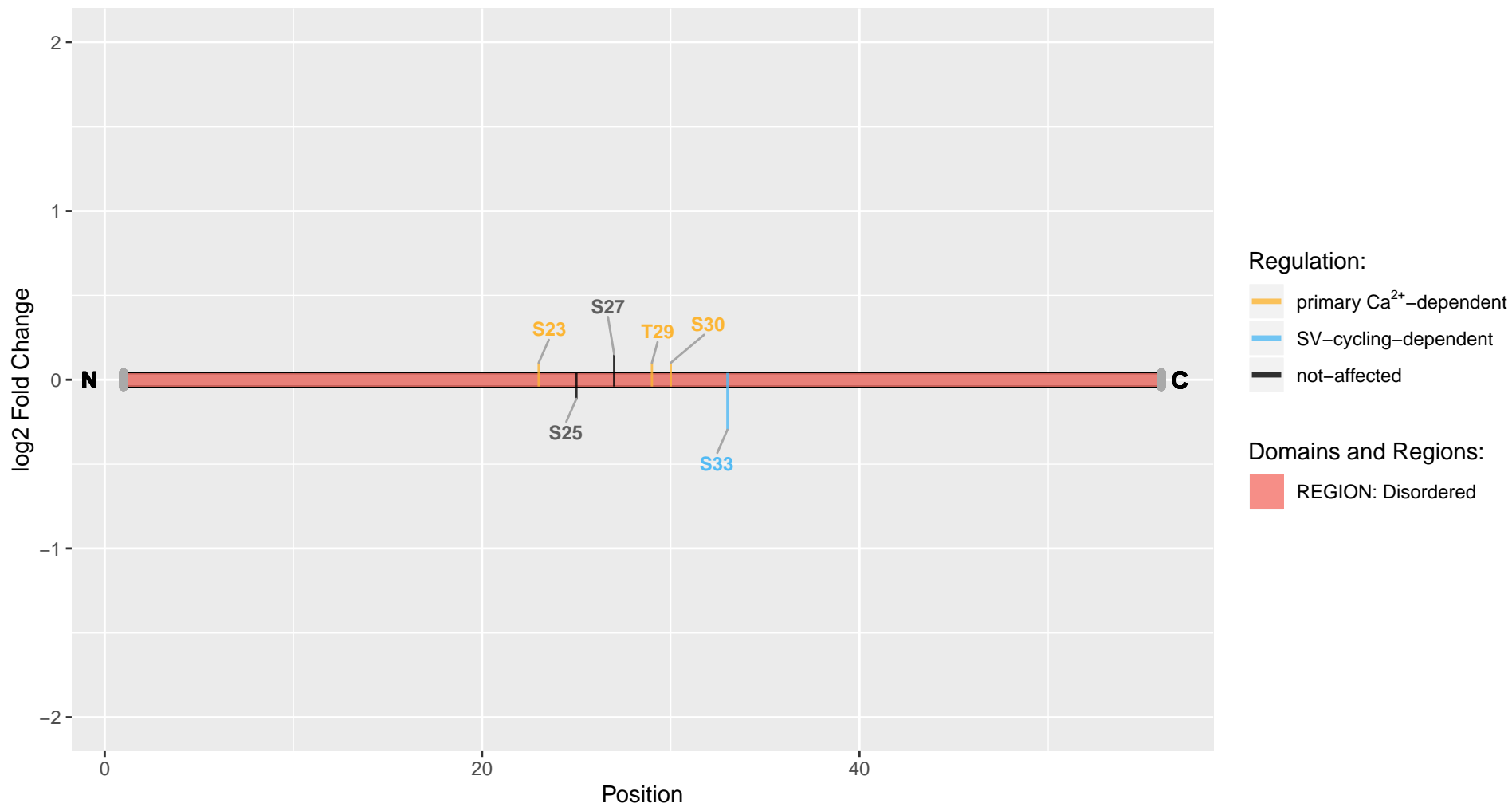
Serine/threonine-protein kinase DCLK1



Dclk1

Uniprot Accession: Q9WVP7

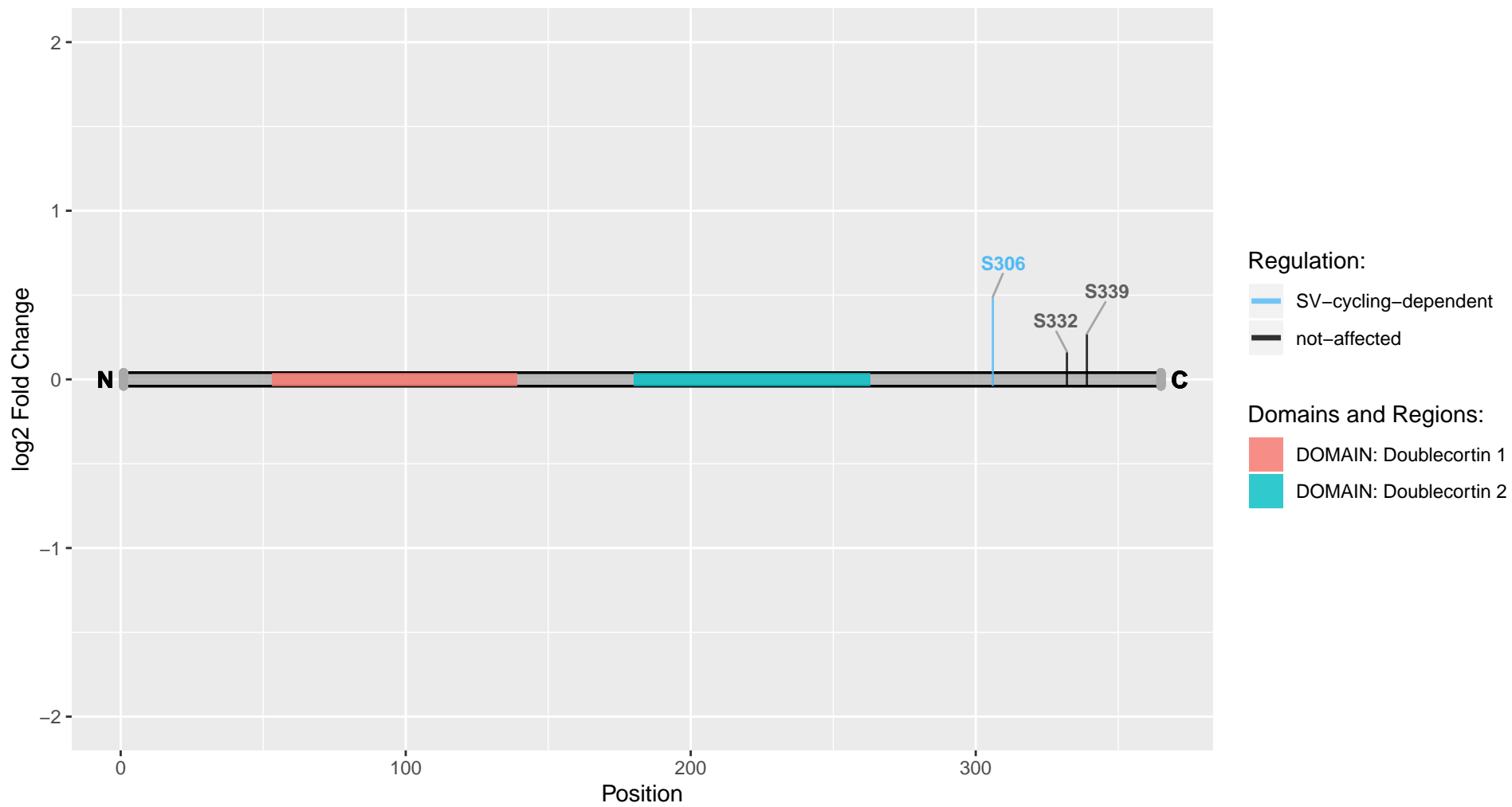
Activity and neurotransmitter-induced early gene protein 4



Dcx

Uniprot Accession: Q9ESI7

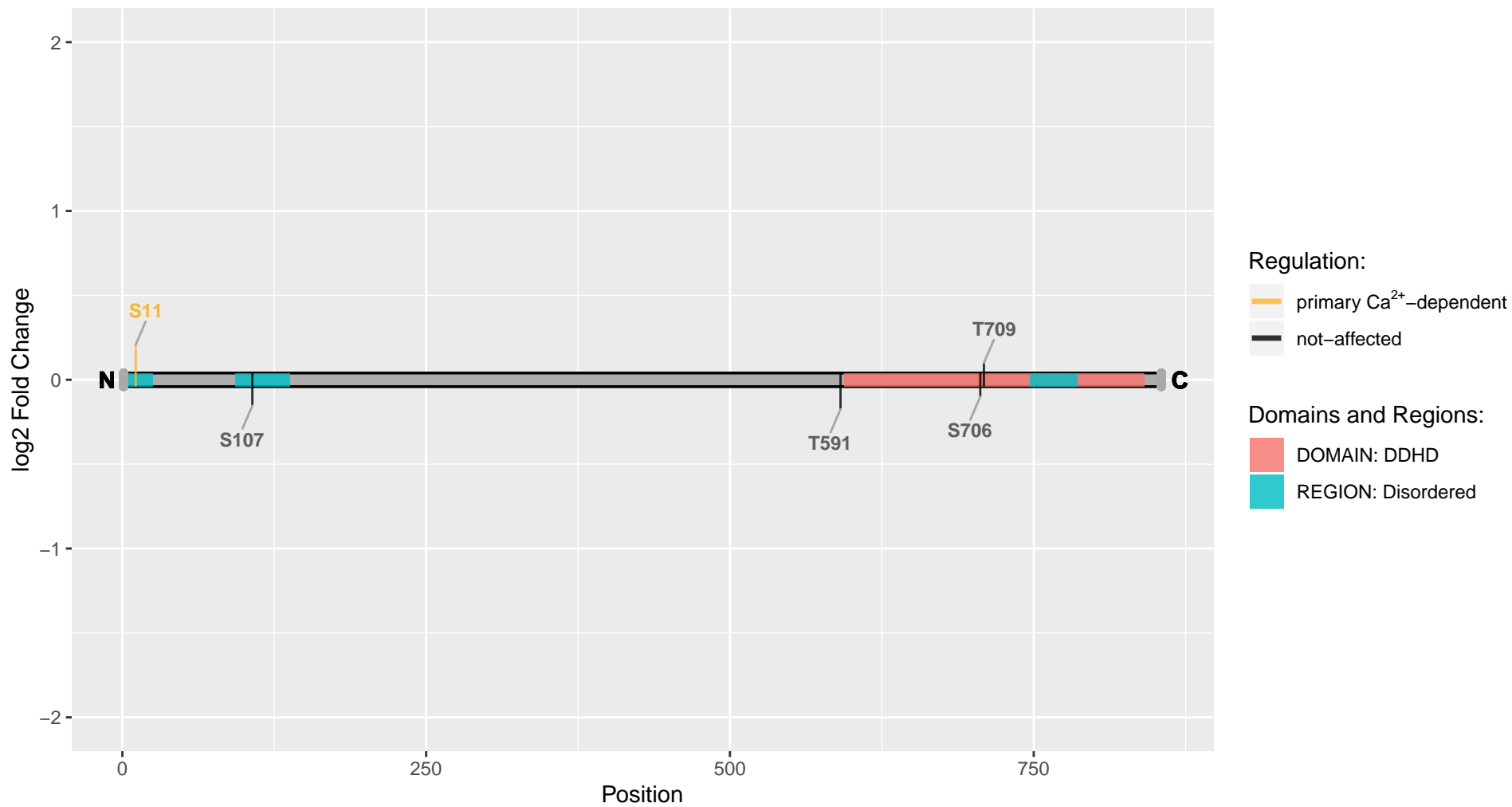
Neuronal migration protein doublecortin



Ddhd1

Uniprot Accession: Q3ZAU5

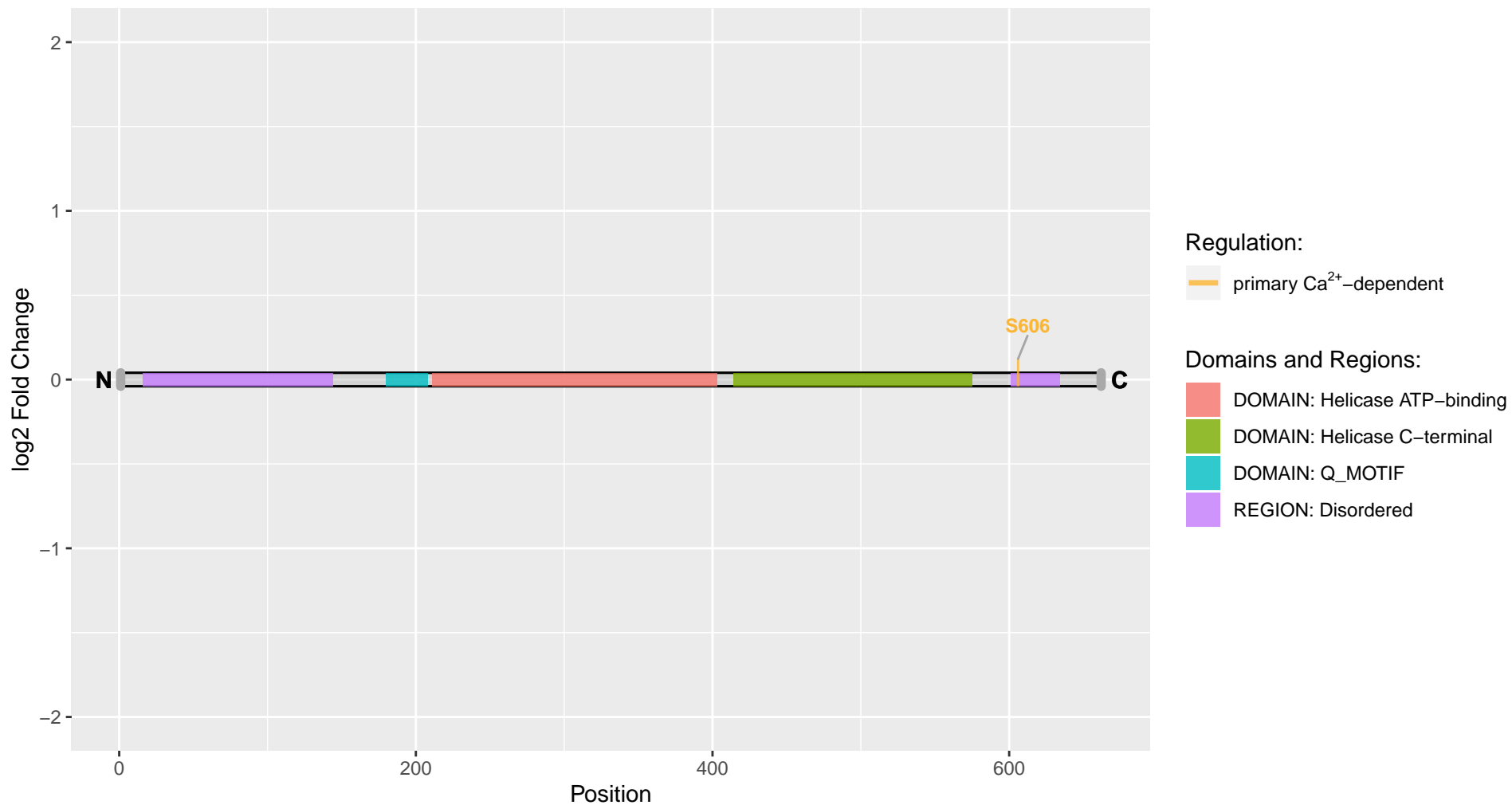
DDHD domain-containing 1



Ddx3x

Uniprot Accession: A0A0G2K719

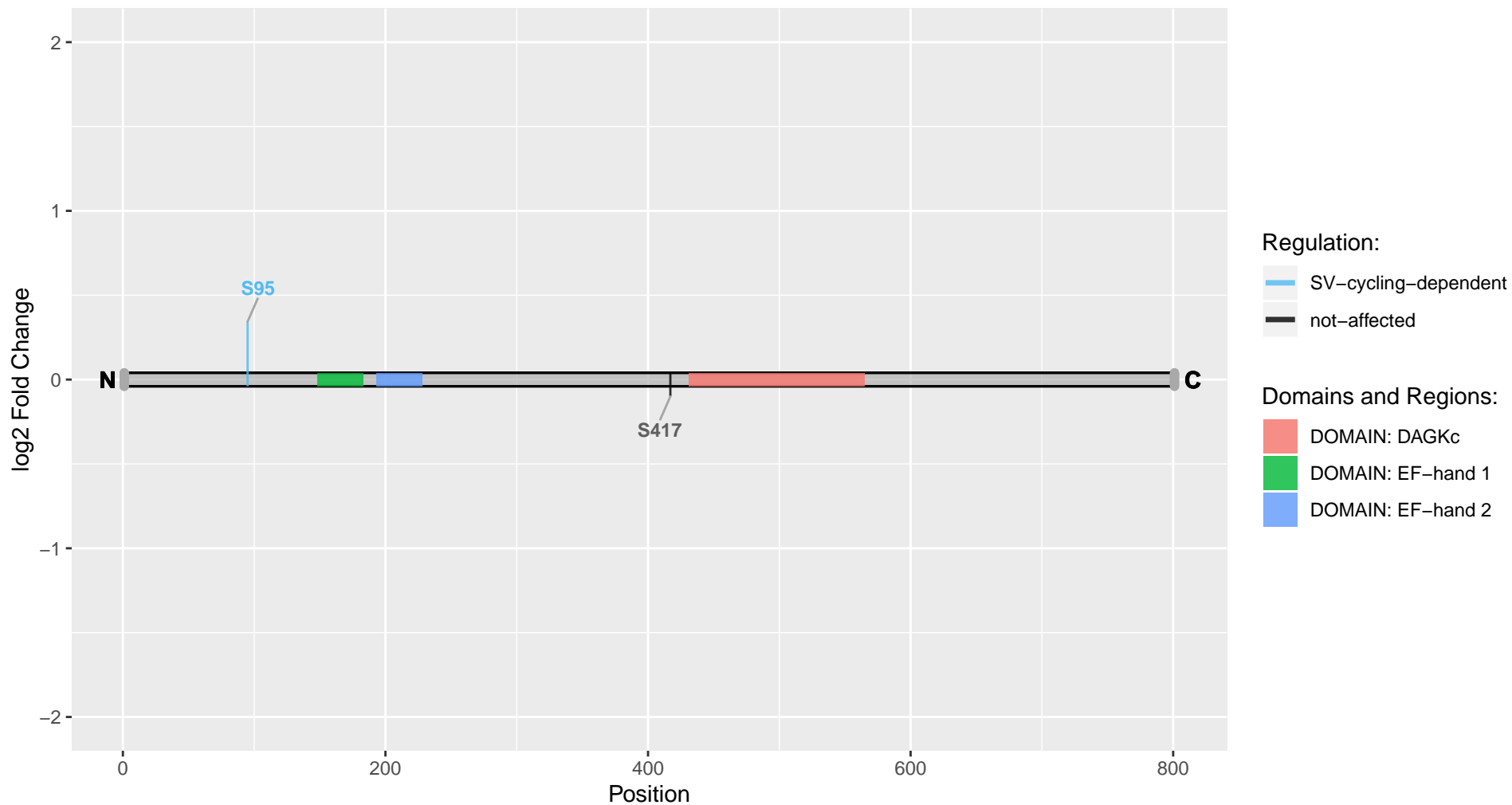
DEAD-box helicase 3, X-linked



Dgkb

Uniprot Accession: P49621

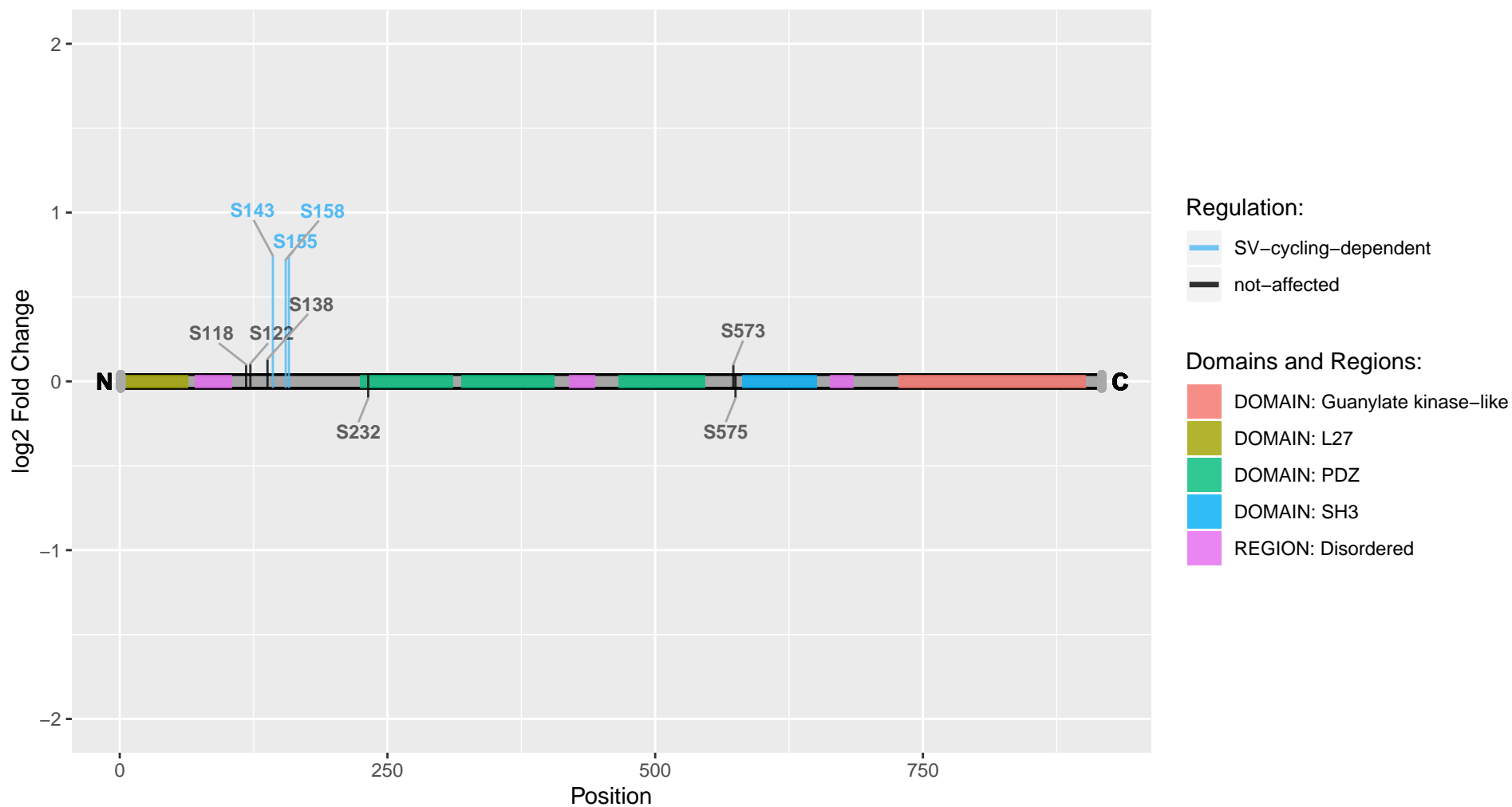
Diacylglycerol kinase beta



Dlg1

Uniprot Accession: A0A0G2K1M2

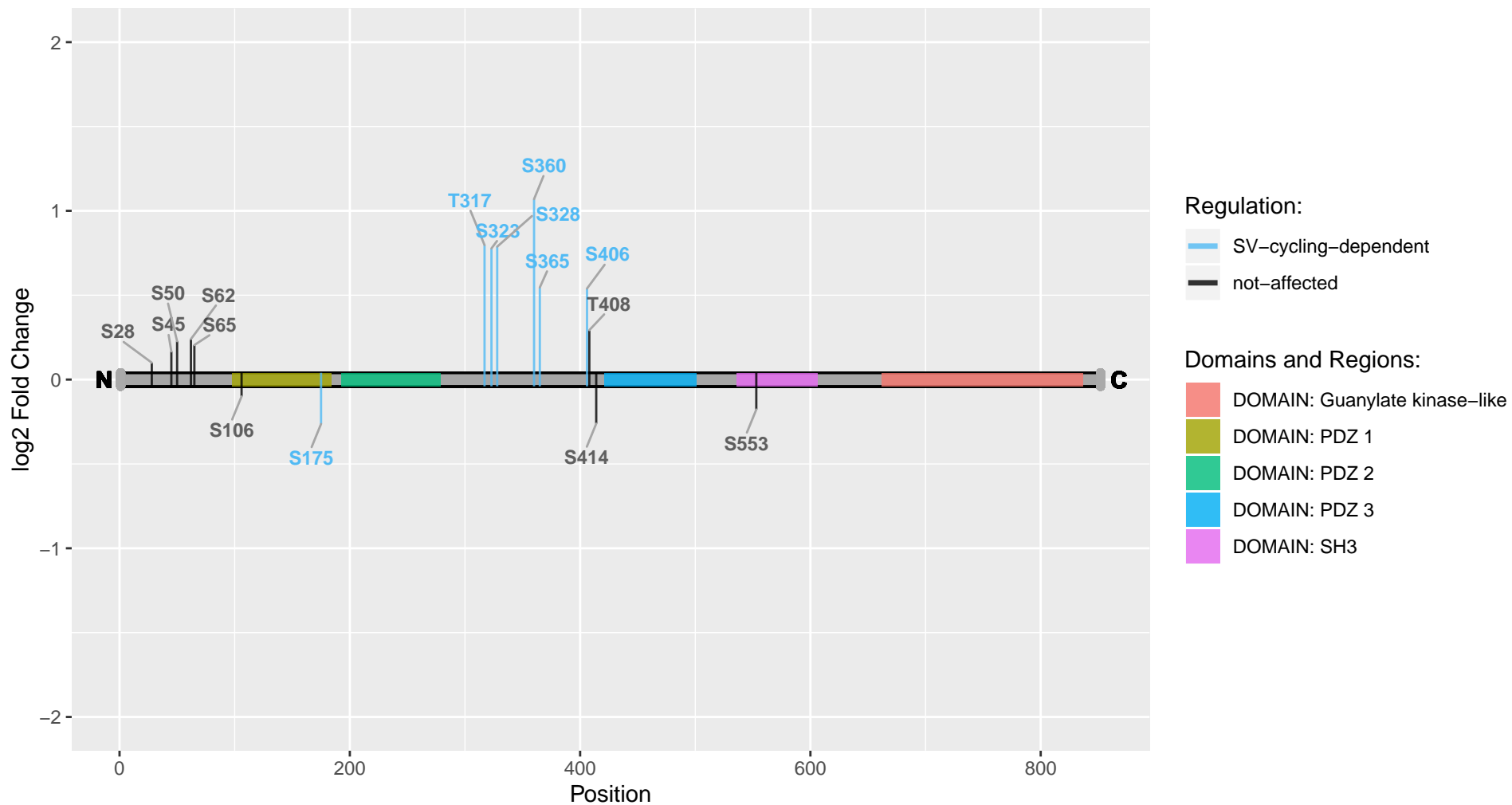
Disks large homolog 1



Dlg2

Uniprot Accession: Q63622

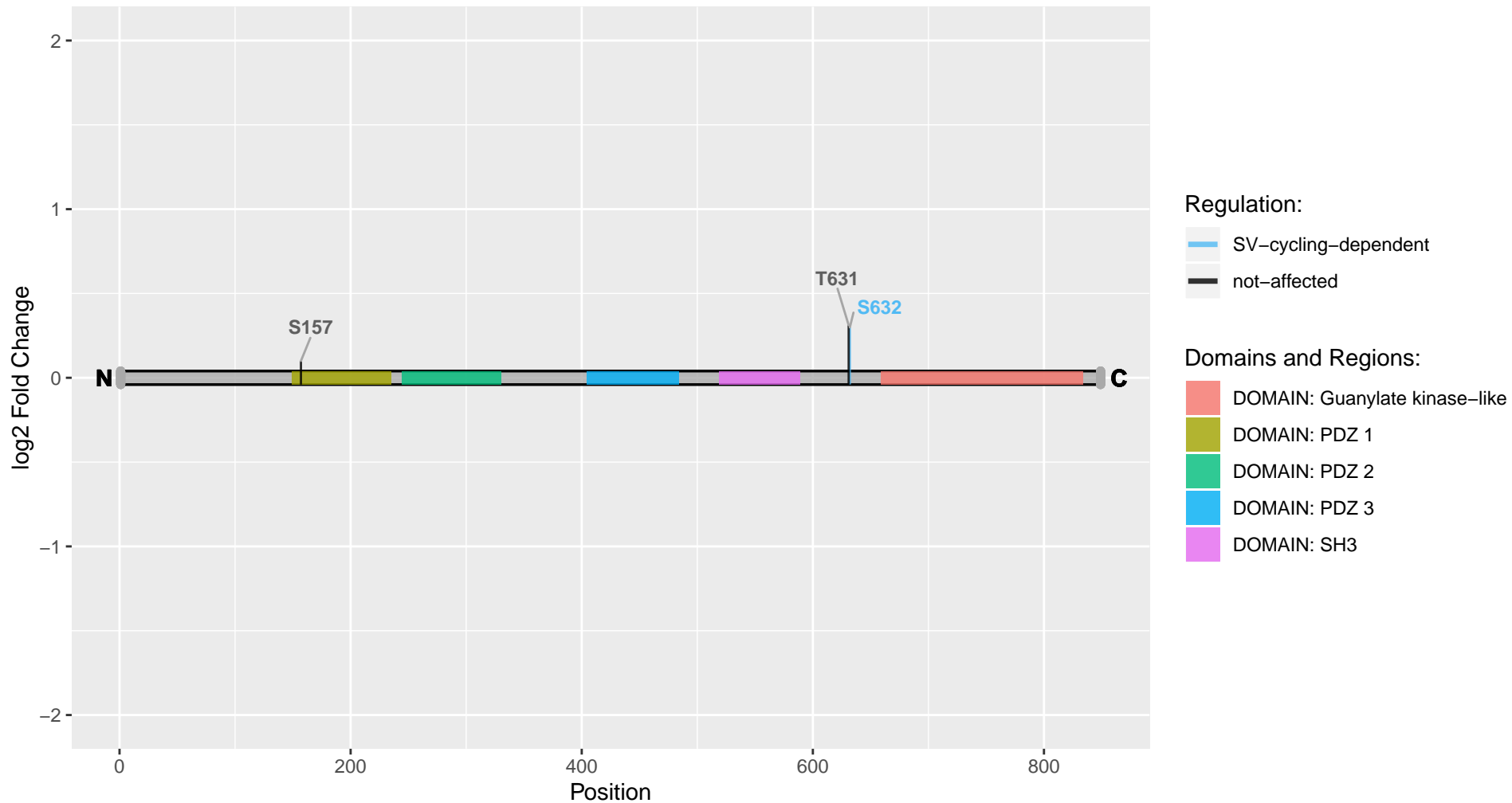
Disks large homolog 2



Dlg3

Uniprot Accession: Q62936

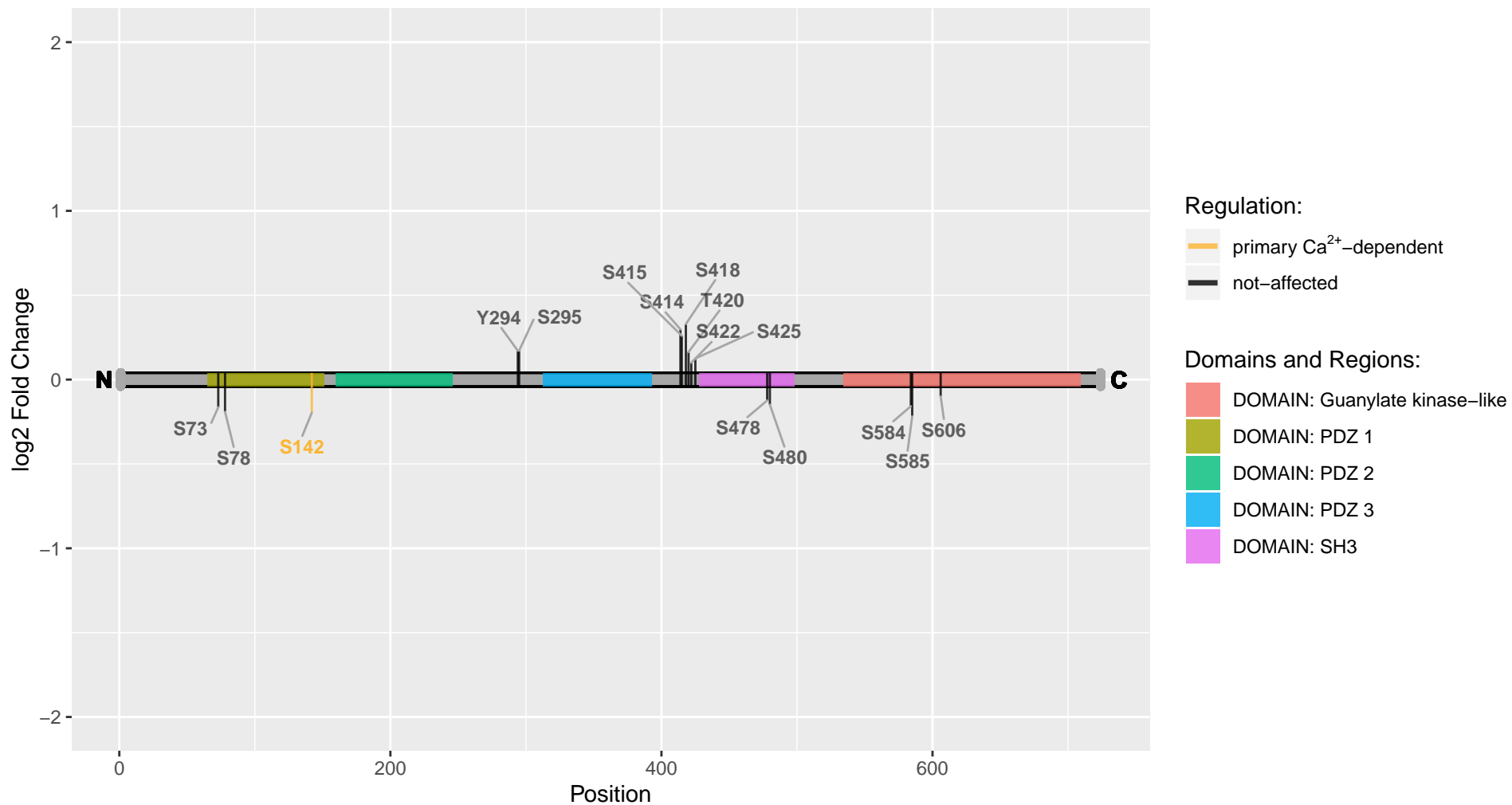
Disks large homolog 3



Dlg4

Uniprot Accession: P31016

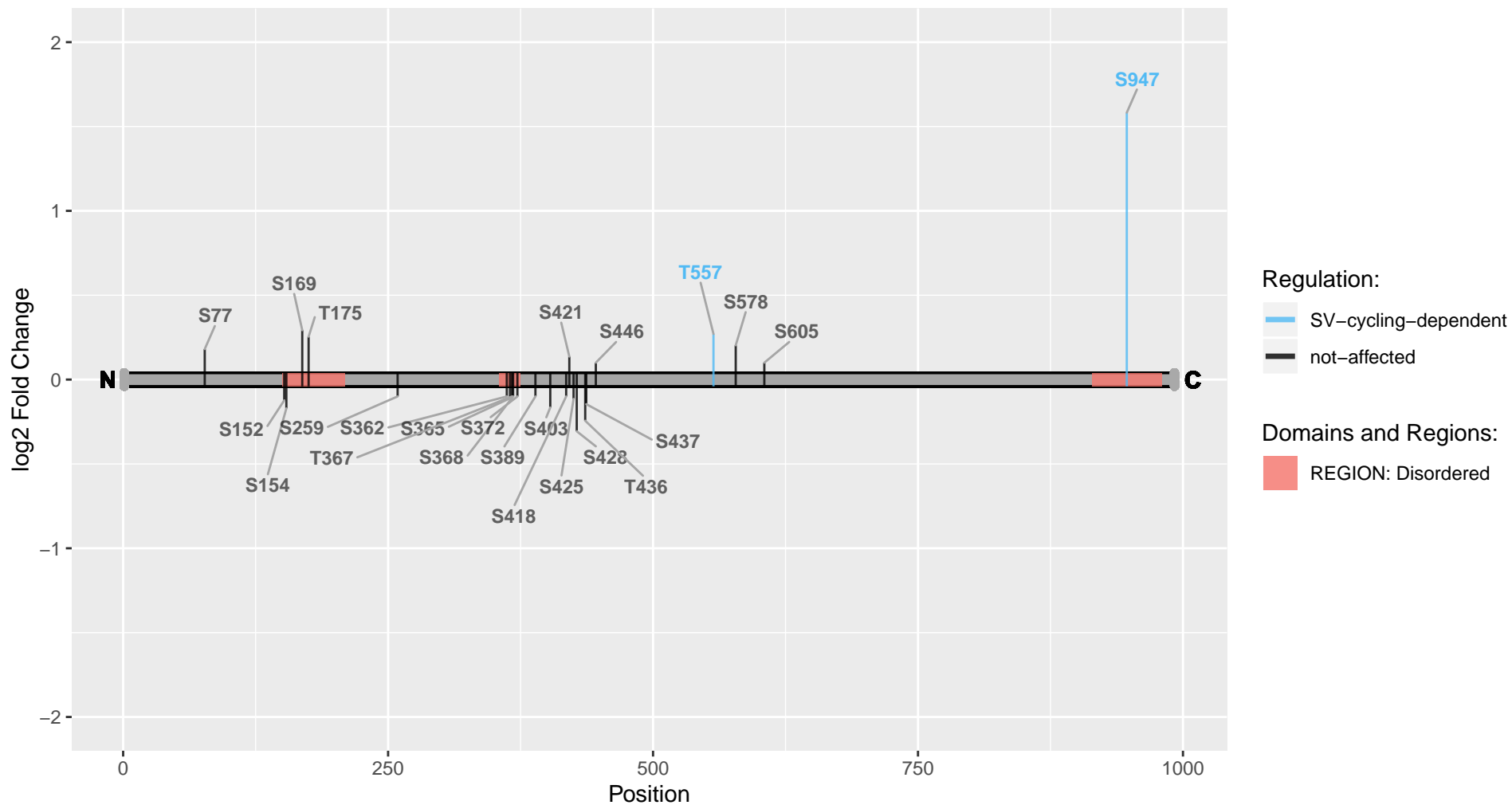
Disks large homolog 4



Dlgap1

Uniprot Accession: G3V849

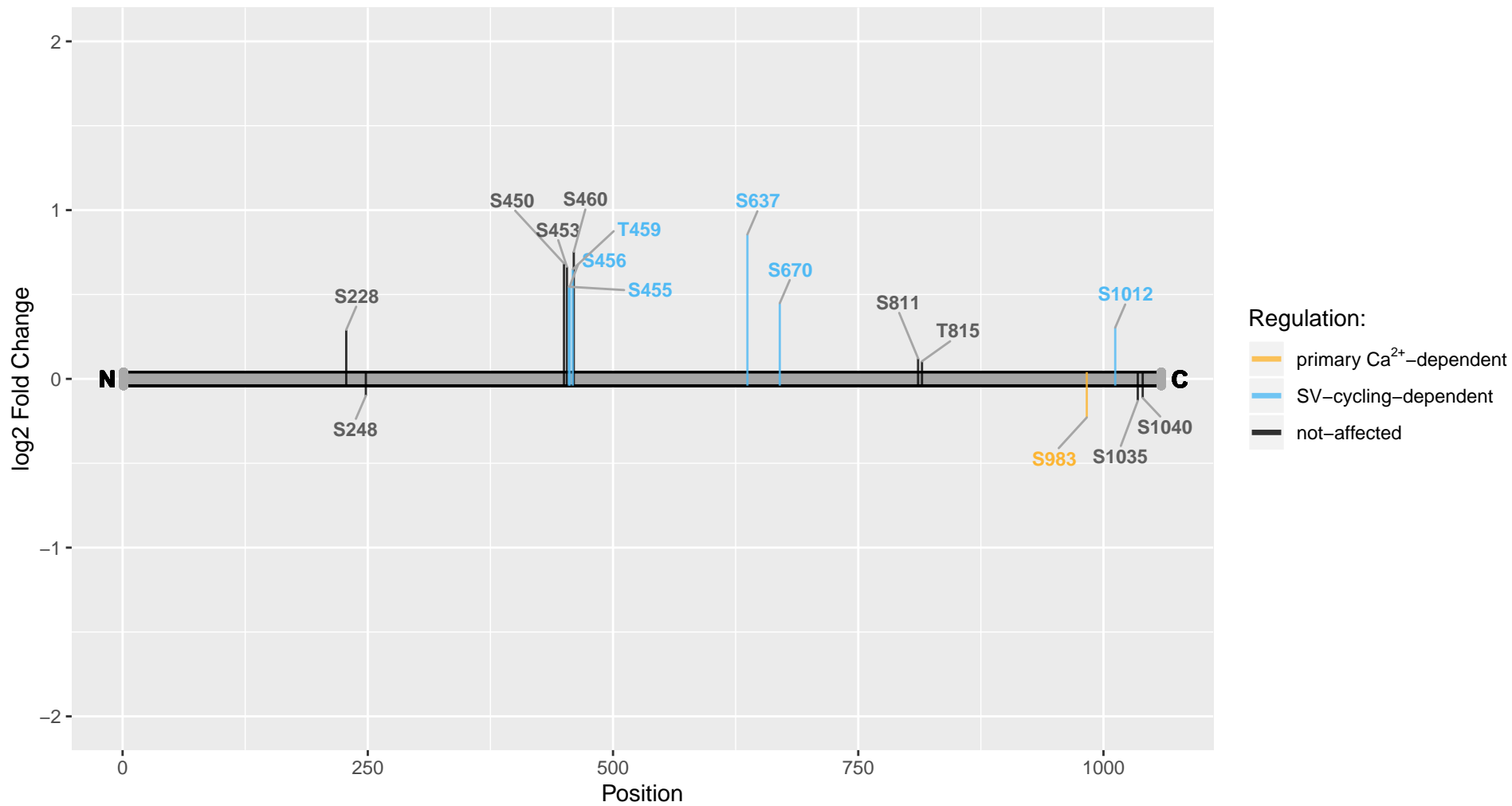
Discs, large (Drosophila) homolog-associated protein 1, isoform CRA_a



Dlgap2

Uniprot Accession: P97837

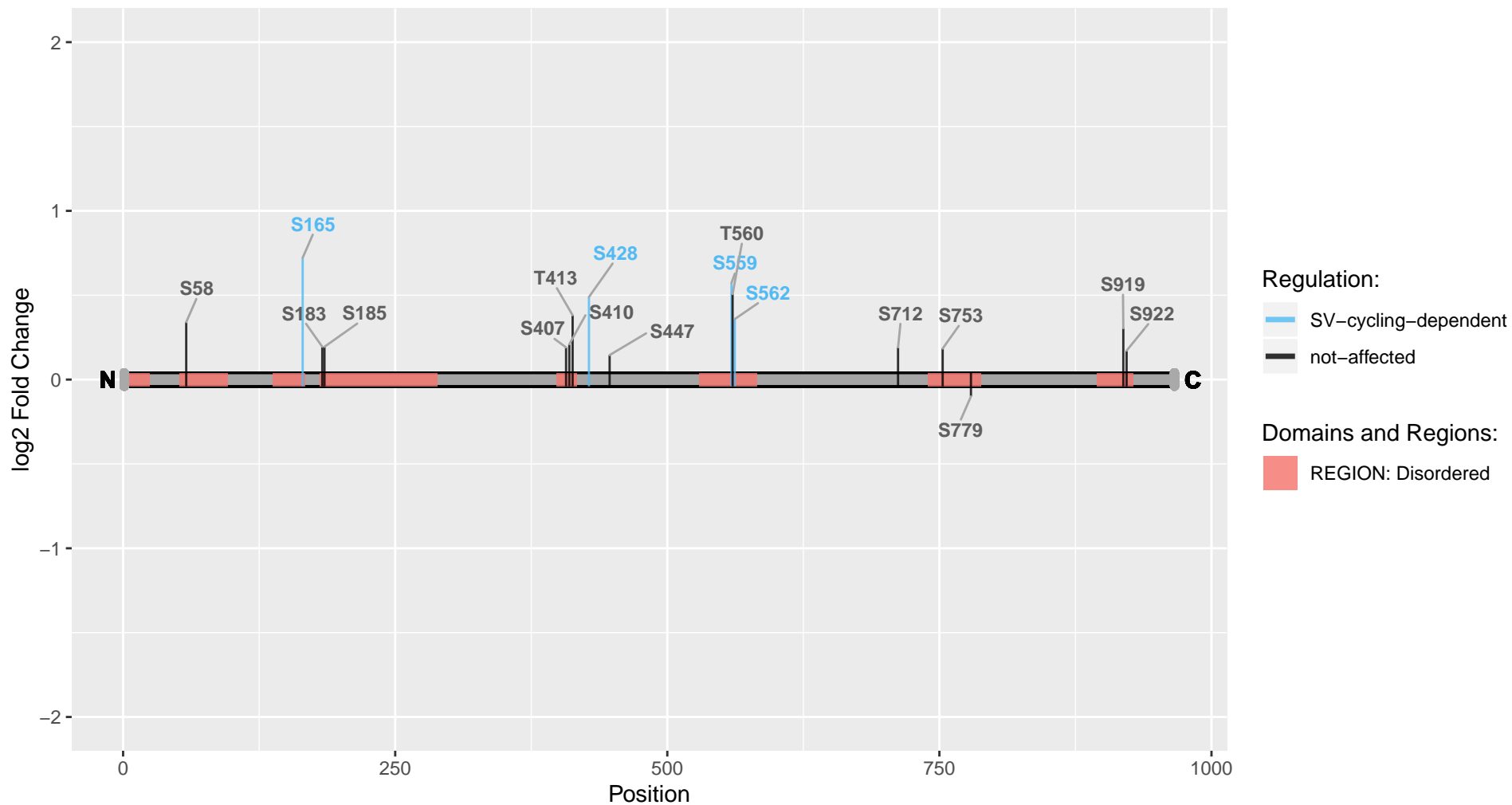
Disks large-associated protein 2



Dlgap3

Uniprot Accession: G3V7T8

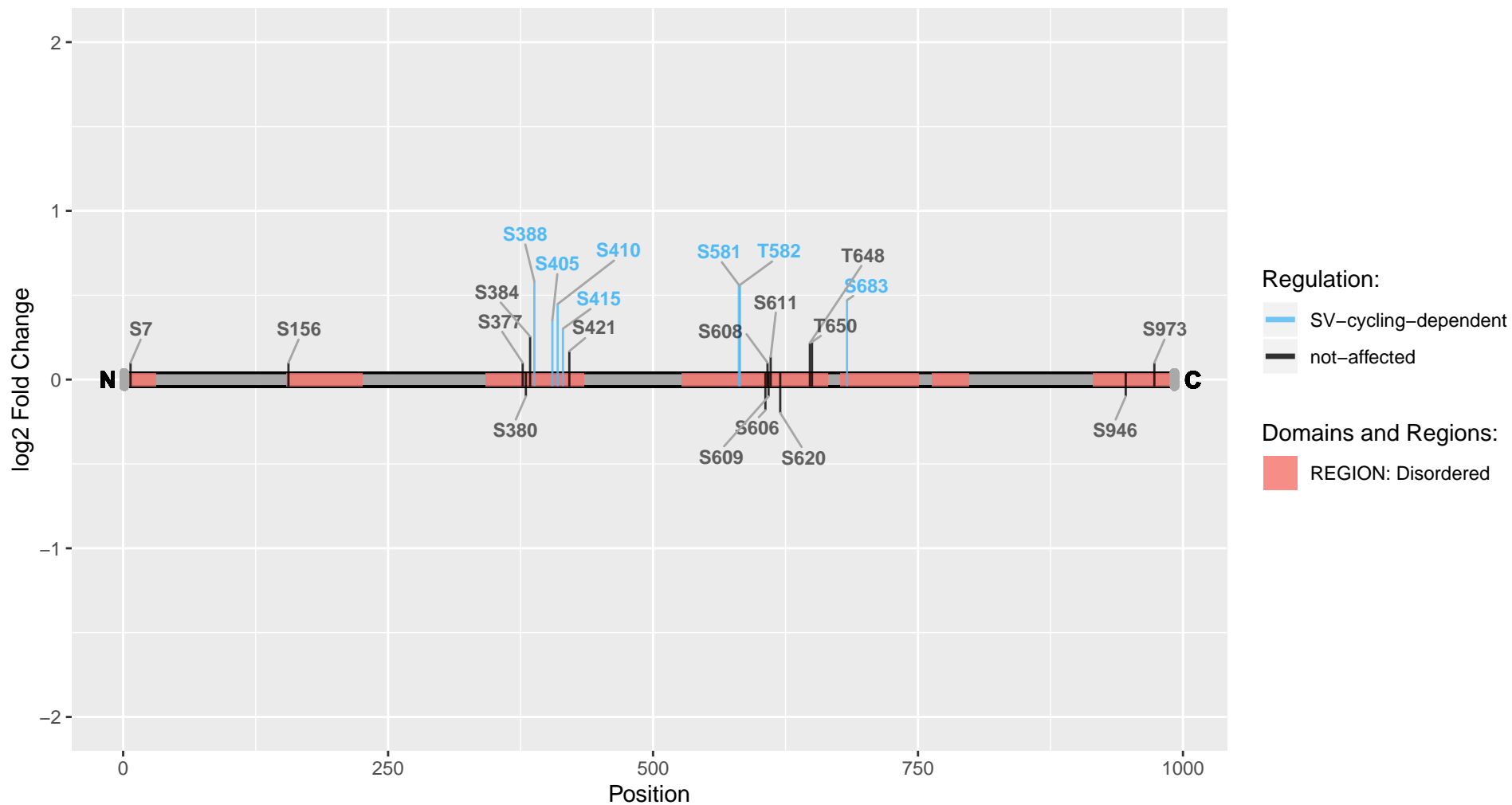
Disks large-associated protein 3



Dlgap4

Uniprot Accession: G3V927

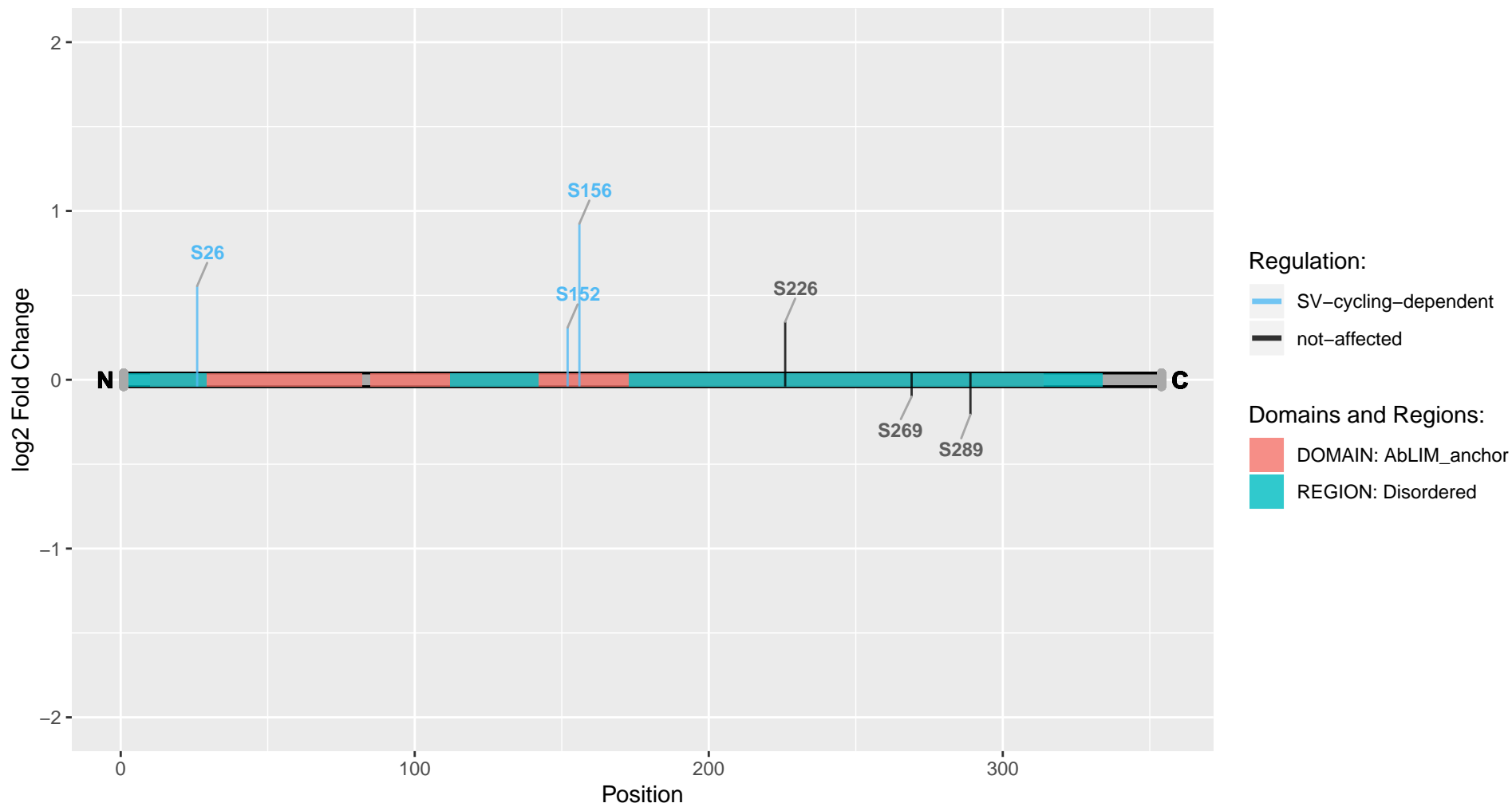
Discs, large homolog-associated protein 4 (Drosophila)



Dmtn

Uniprot Accession: B2GUY4

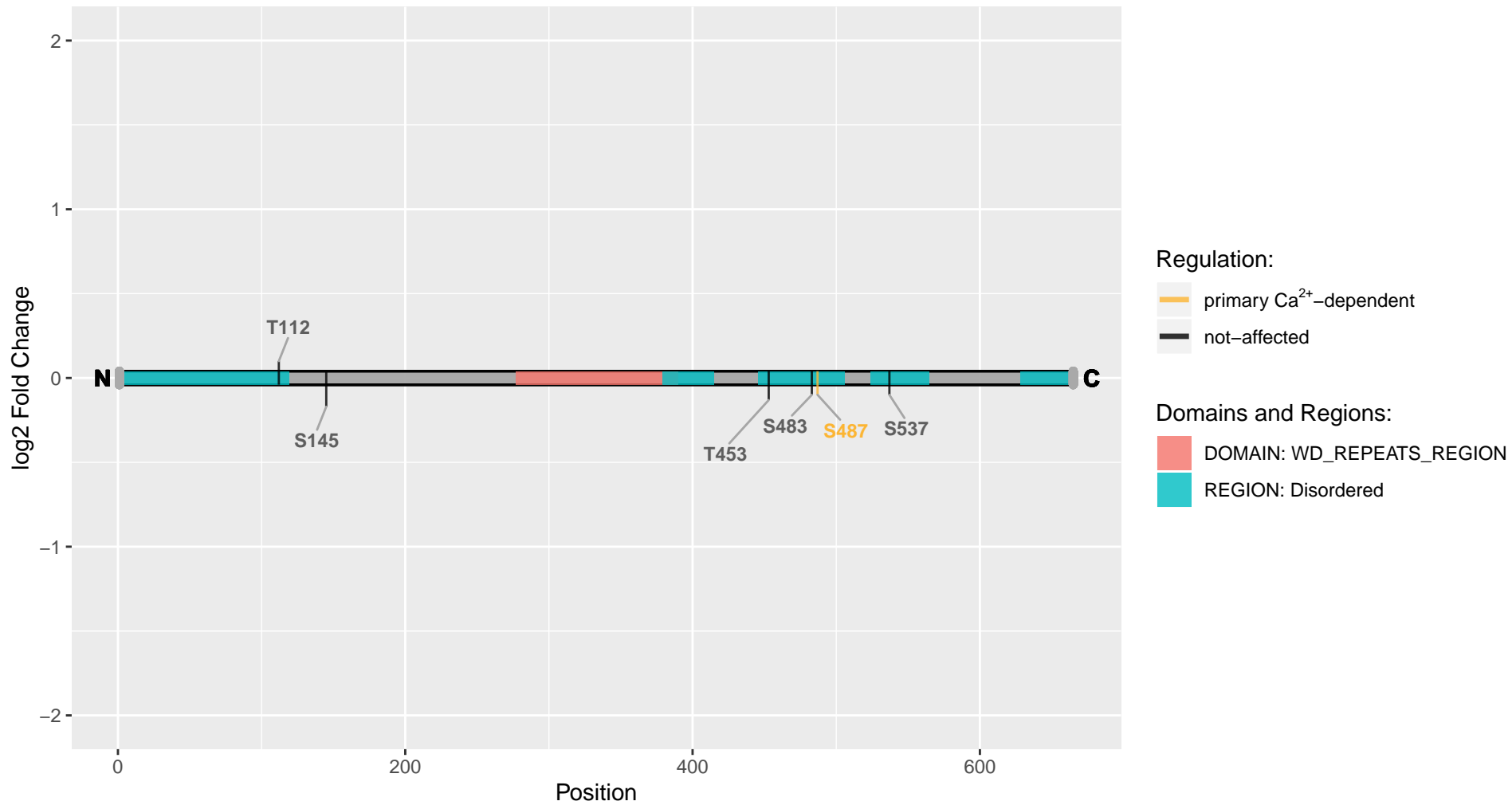
Dematin actin-binding protein



Dmwd

Uniprot Accession: F1M3D2

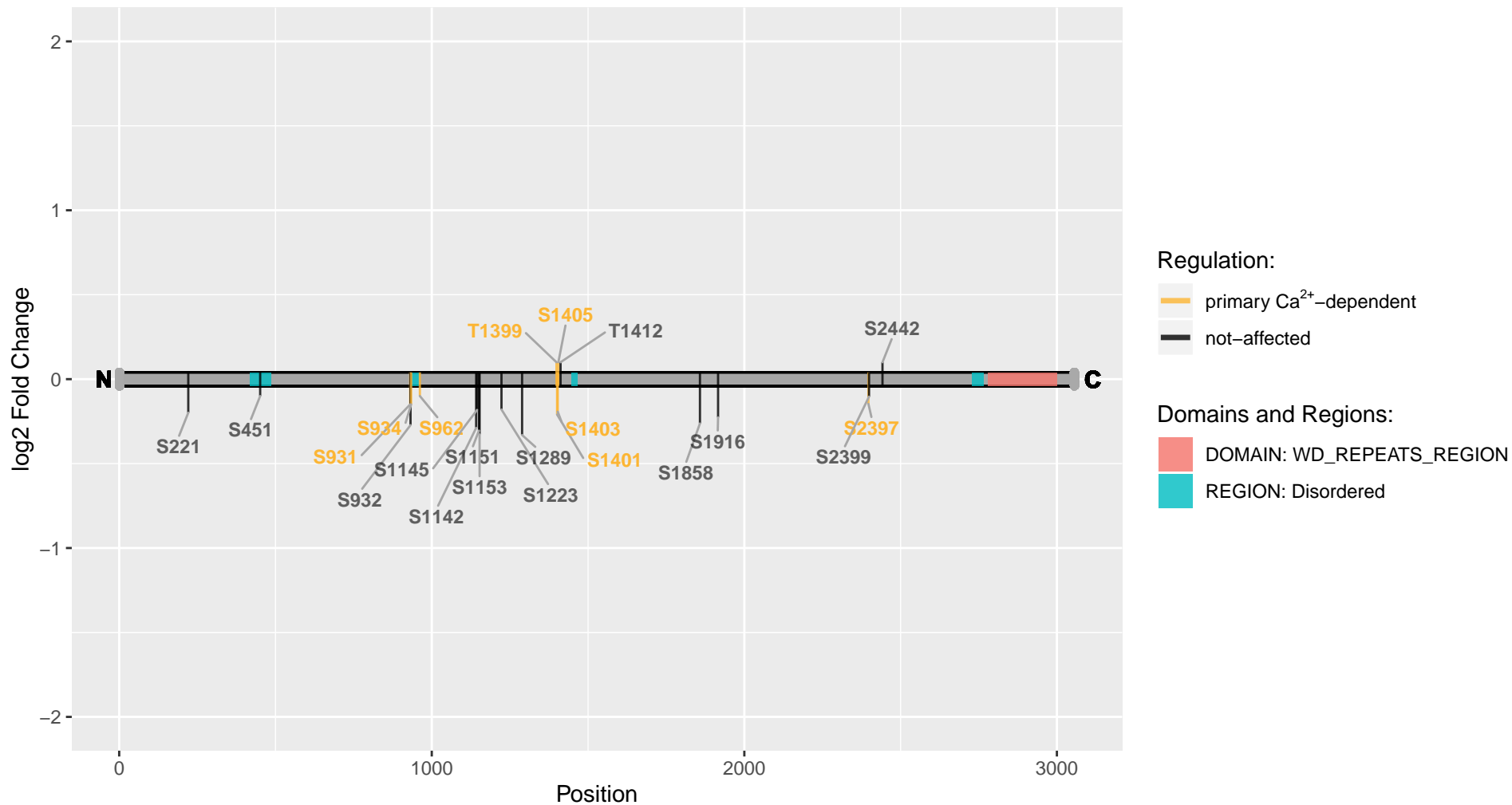
DM1 locus, WD repeat-containing



Dmxl2

Uniprot Accession: F1M3W5

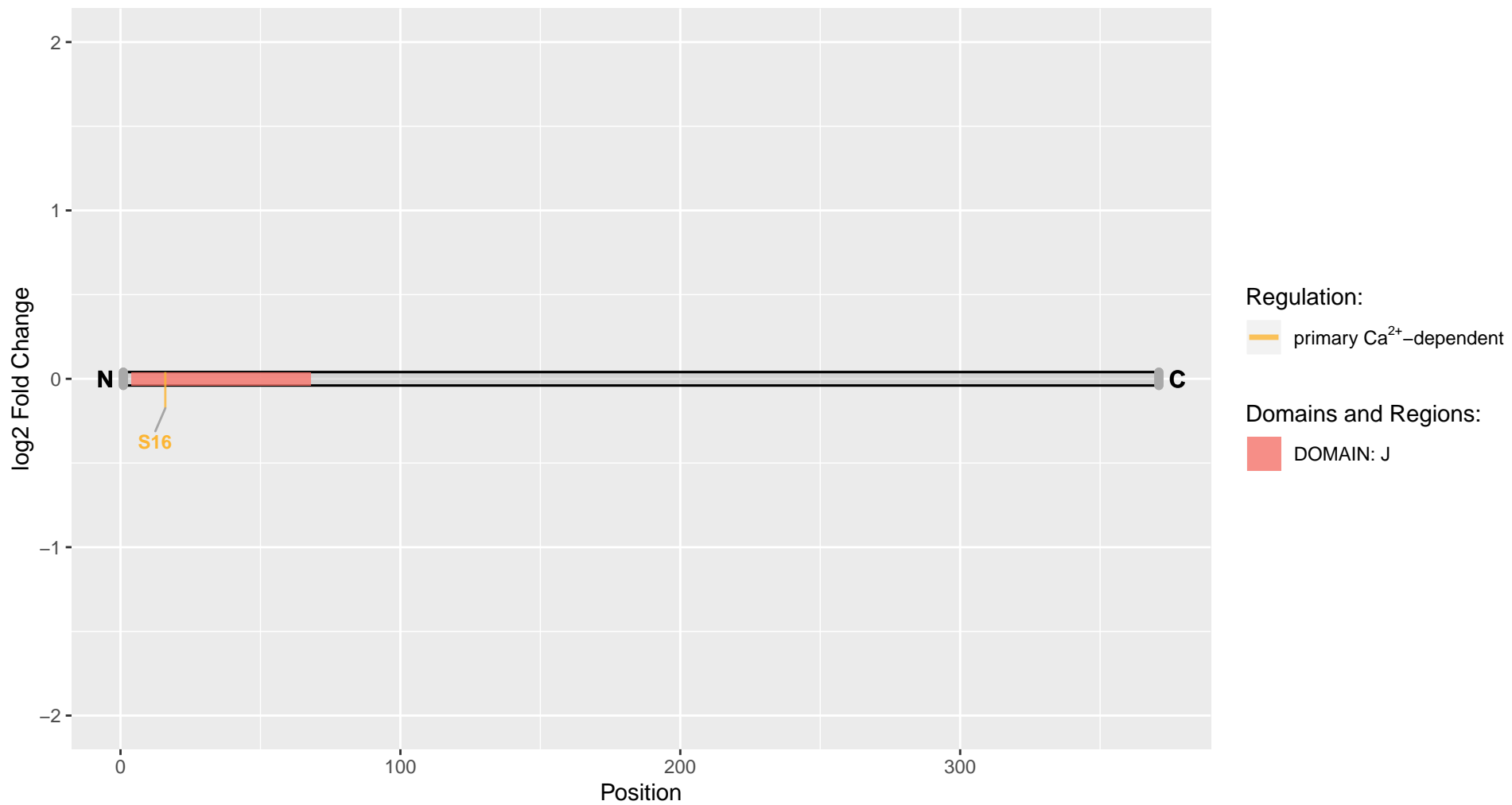
Dmx-like 2



Dnajb1

Uniprot Accession: D3ZUU5

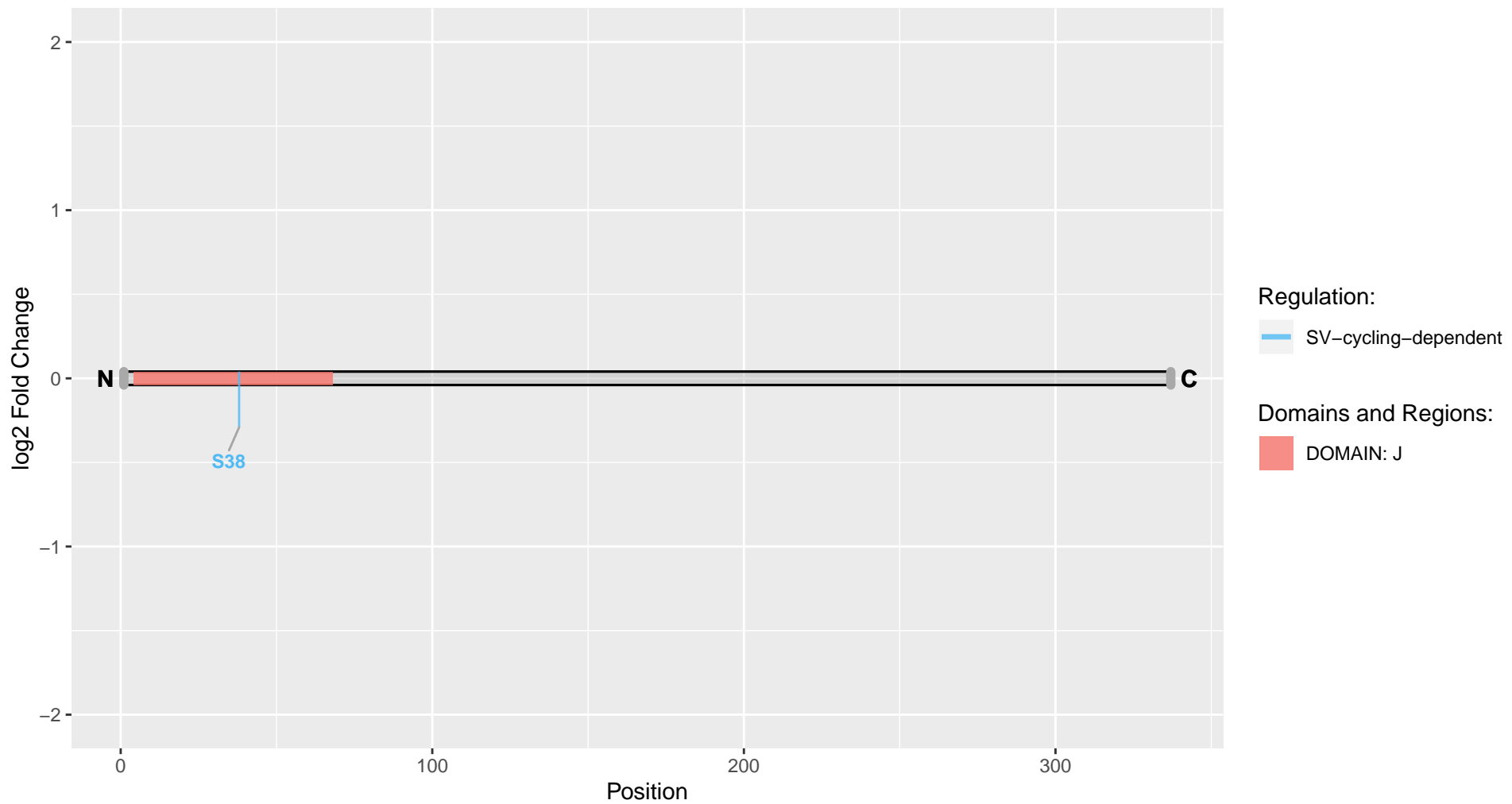
DnaJ (Hsp40) homolog, subfamily B, member 1 (Predicted), isoform CRA_a



Dnajb4

Uniprot Accession: Q5XIP0

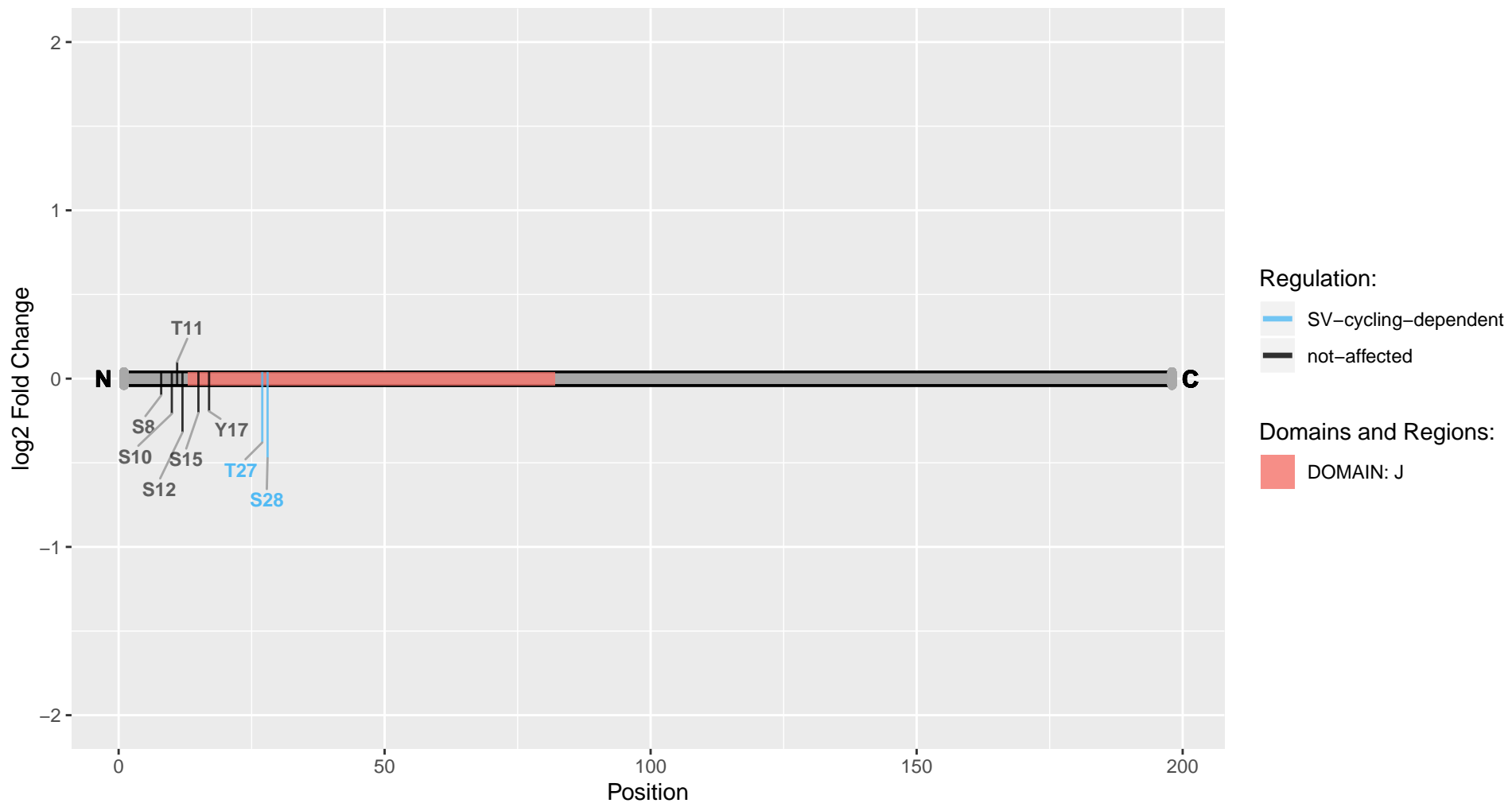
DnaJ (Hsp40) homolog, subfamily B, member 4



Dnajc5

Uniprot Accession: P60905

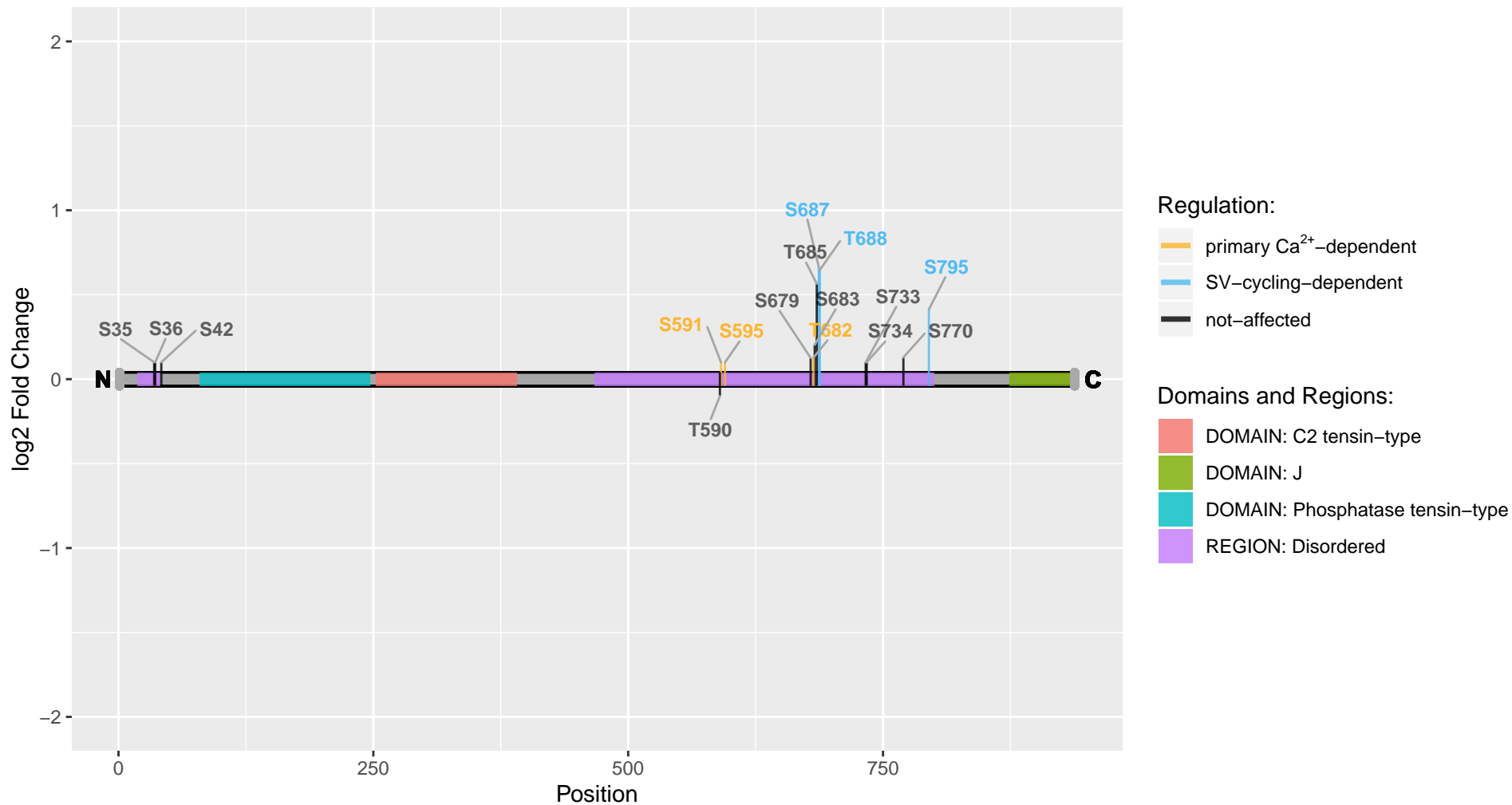
DnaJ homolog subfamily C member 5



Dnajc6

Uniprot Accession: A0A0G2JY26

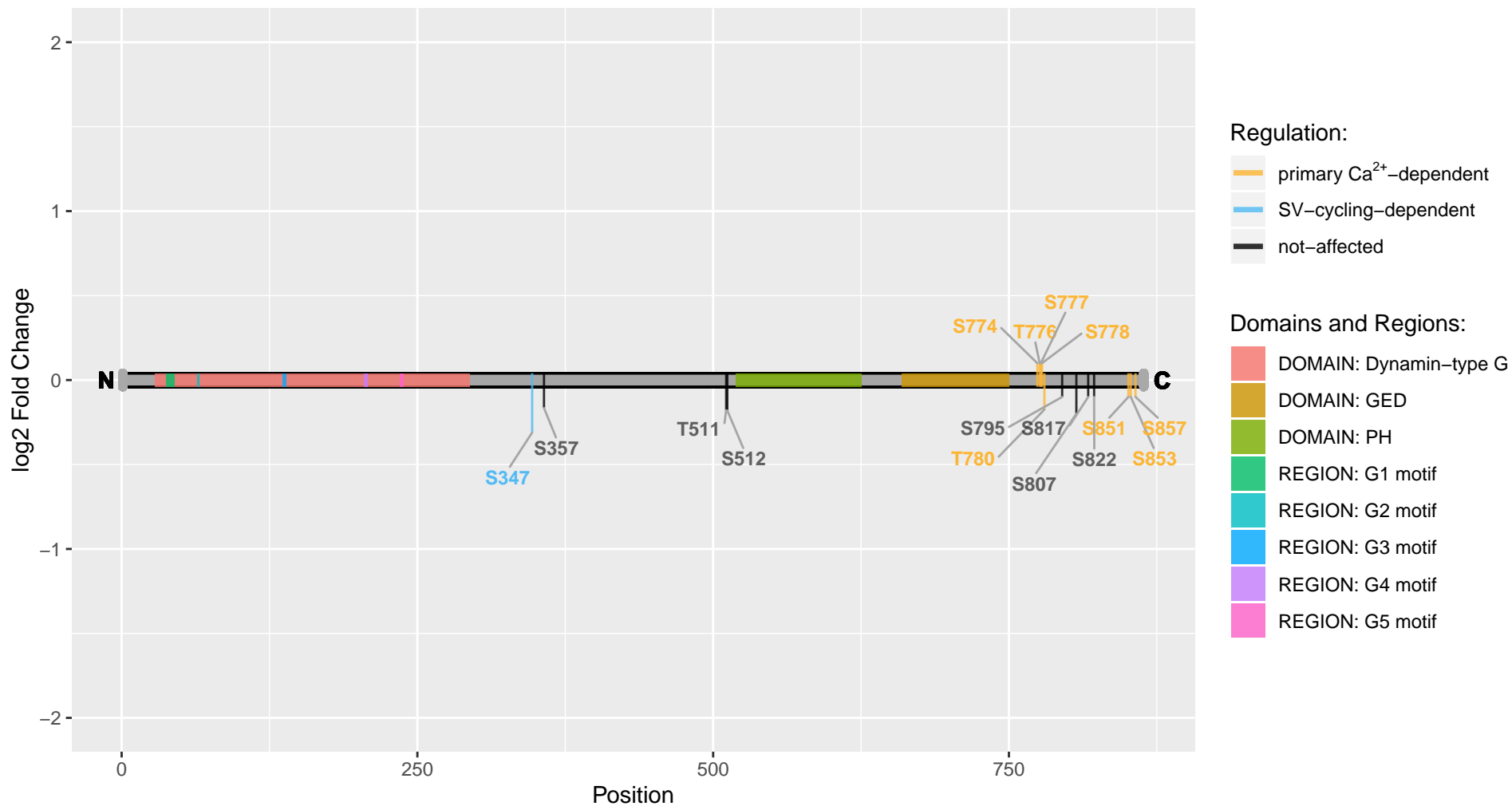
DnaJ heat shock protein family (Hsp40) member C6



Dnm1

Uniprot Accession: P21575

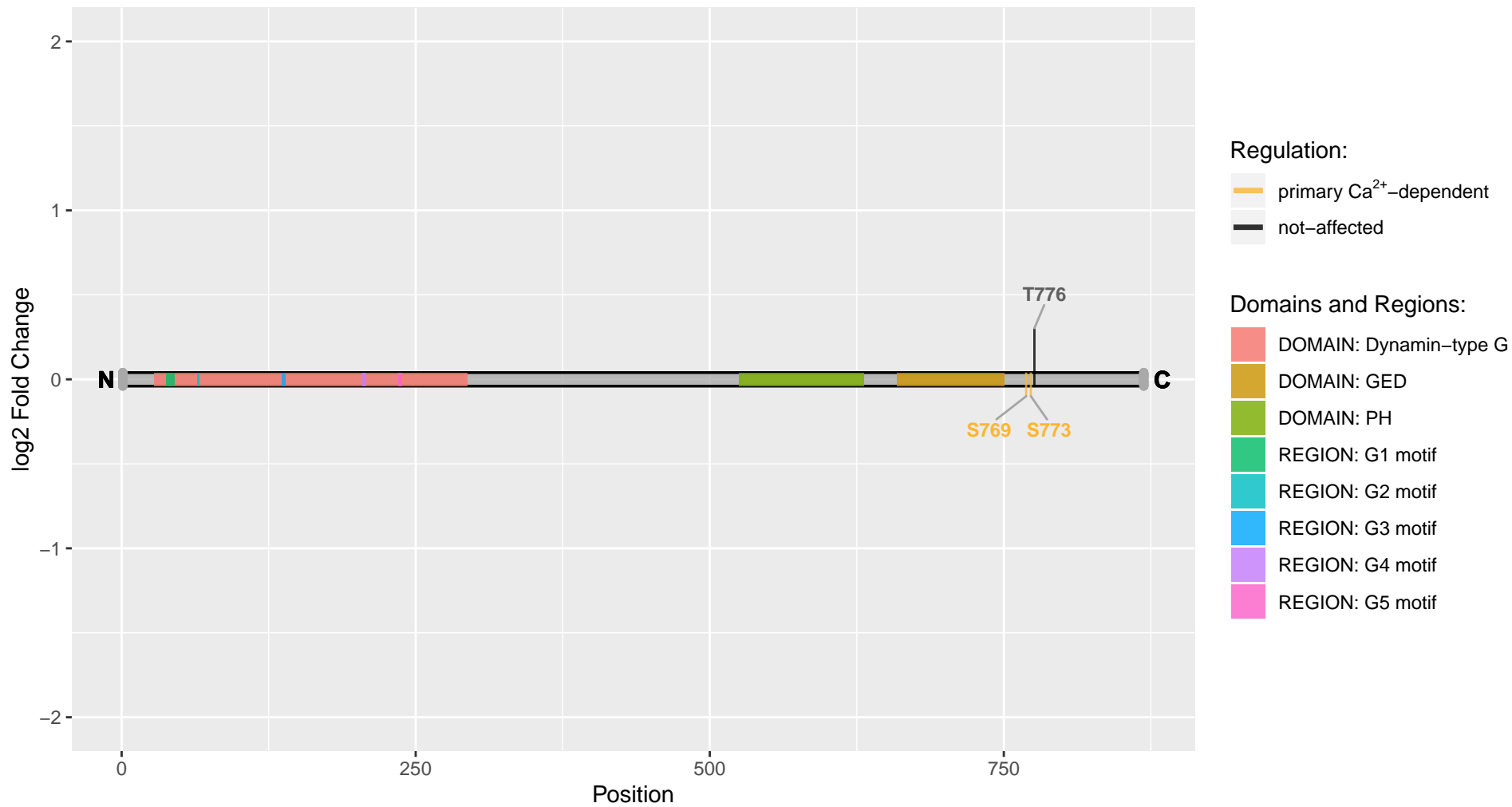
Dynammin-1



Dnm3

Uniprot Accession: Q08877

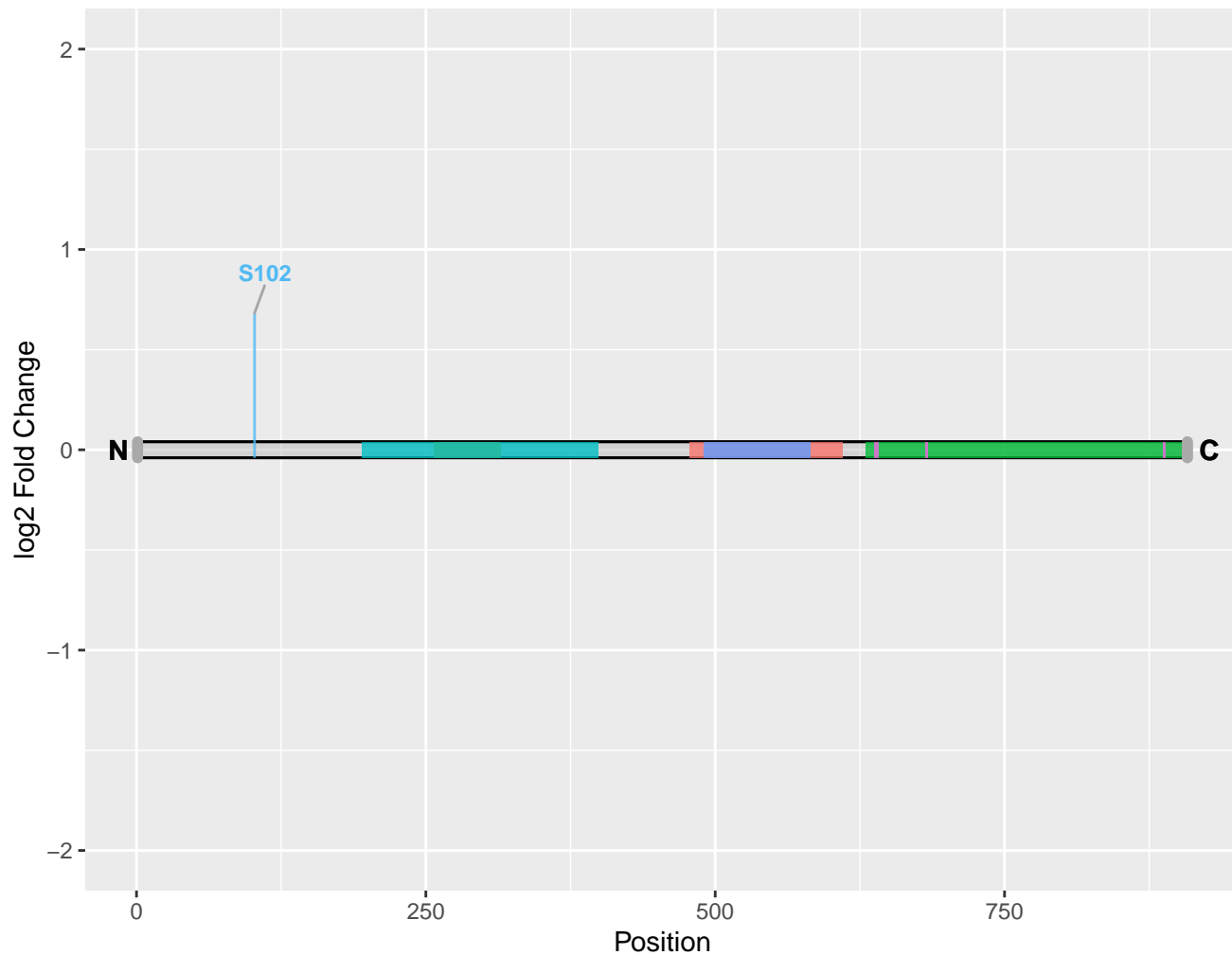
Dynamin-3



Dnmt3a

Uniprot Accession: Q1LZ53

DNA (cytosine-5)-methyltransferase 3A



Regulation:

SV-cycling-dependent

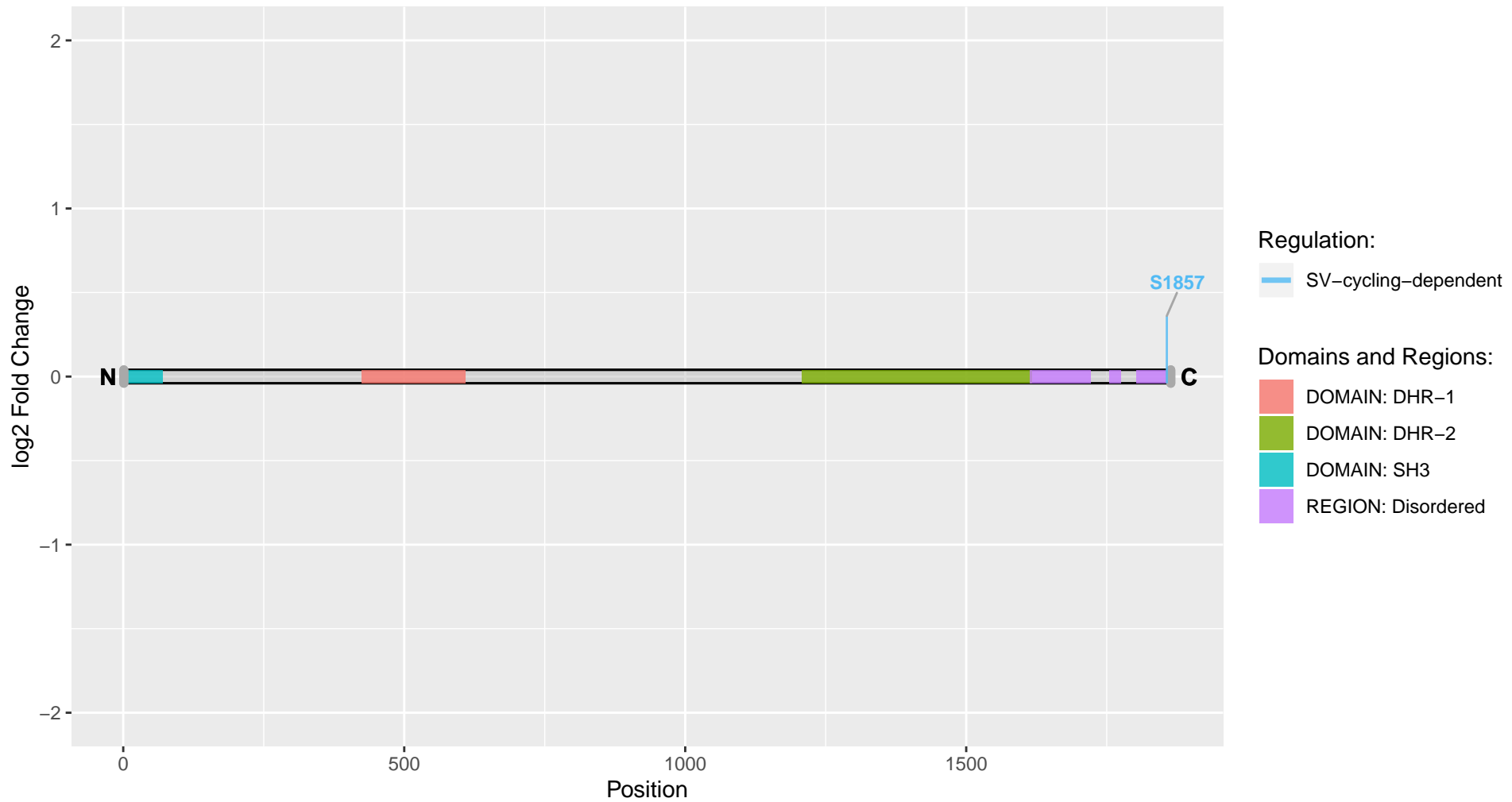
Domains and Regions:

- DOMAIN: ADD
- DOMAIN: PWWP
- DOMAIN: SAM-dependent MTase C5-type
- REGION: Interaction with DNMT1 and DNMT3B
- REGION: Interaction with the PRC2/EED-EZH2 complex
- REGION: S-adenosyl-L-methionine binding

Dock1

Uniprot Accession: D3ZZW1

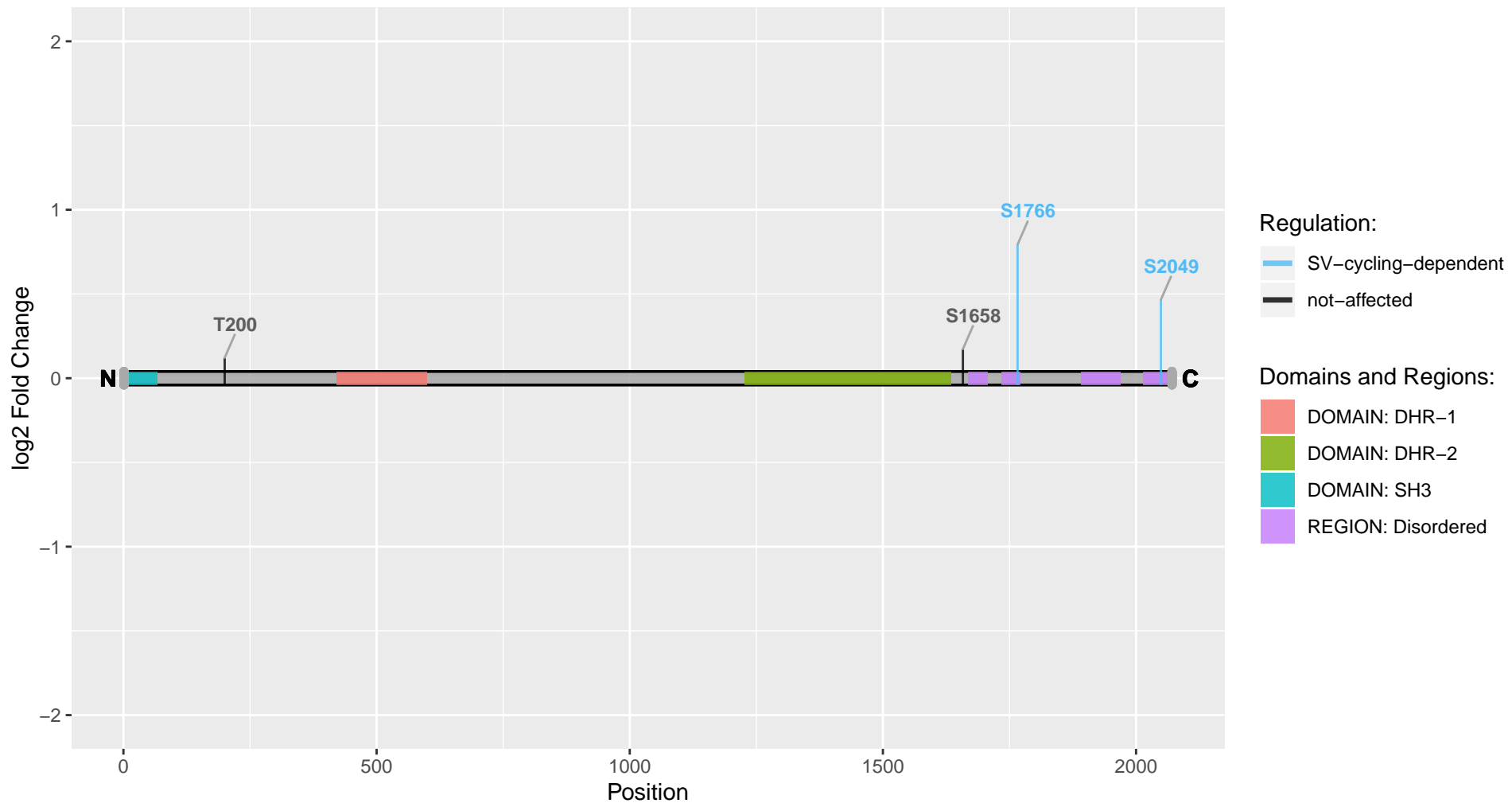
Dedicator of cyto-kinesis 1



Dock3

Uniprot Accession: F1M4N6

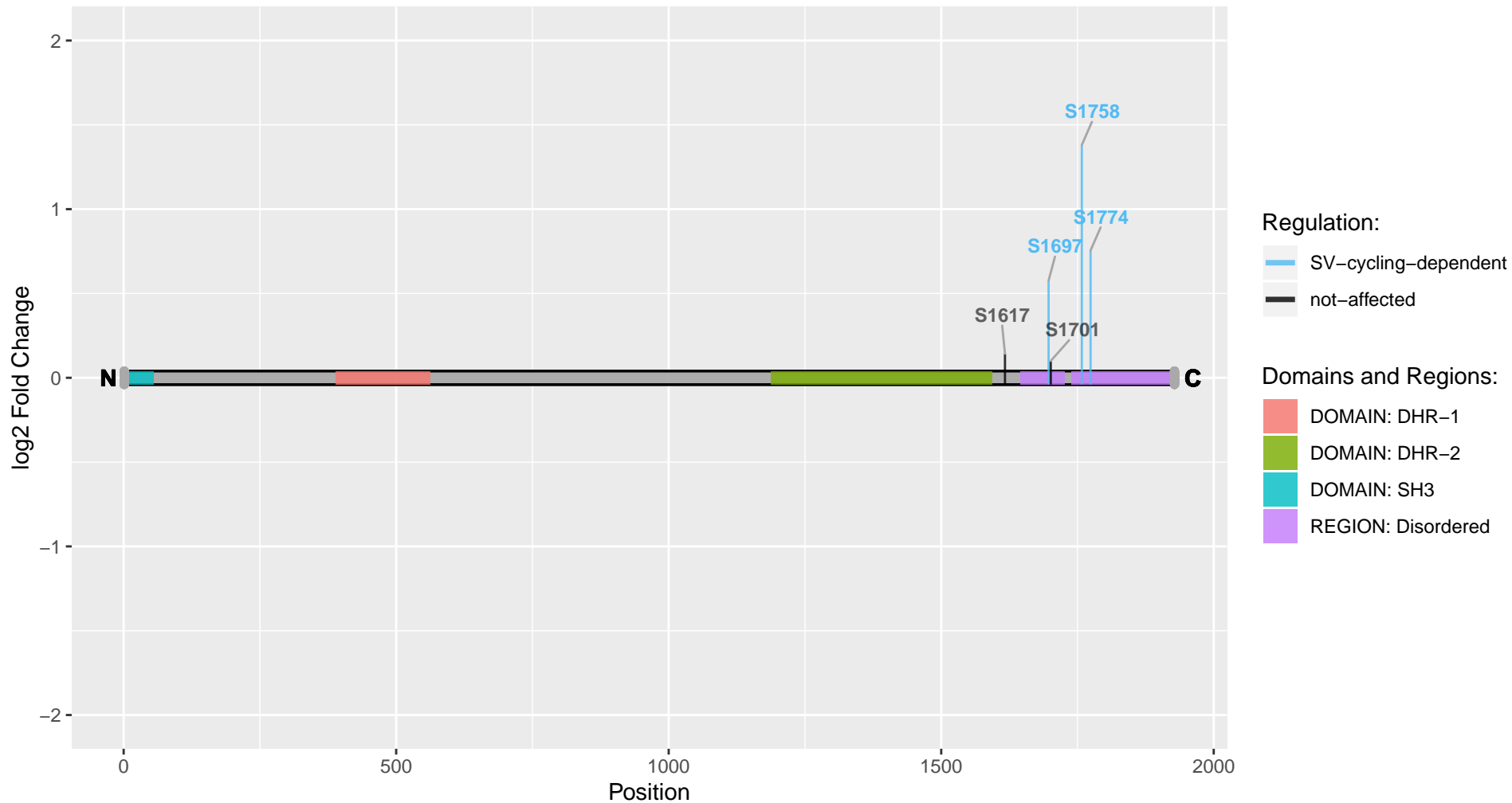
Dedicator of cyto-kinesis 3



Dock4

Uniprot Accession: M0R6K4

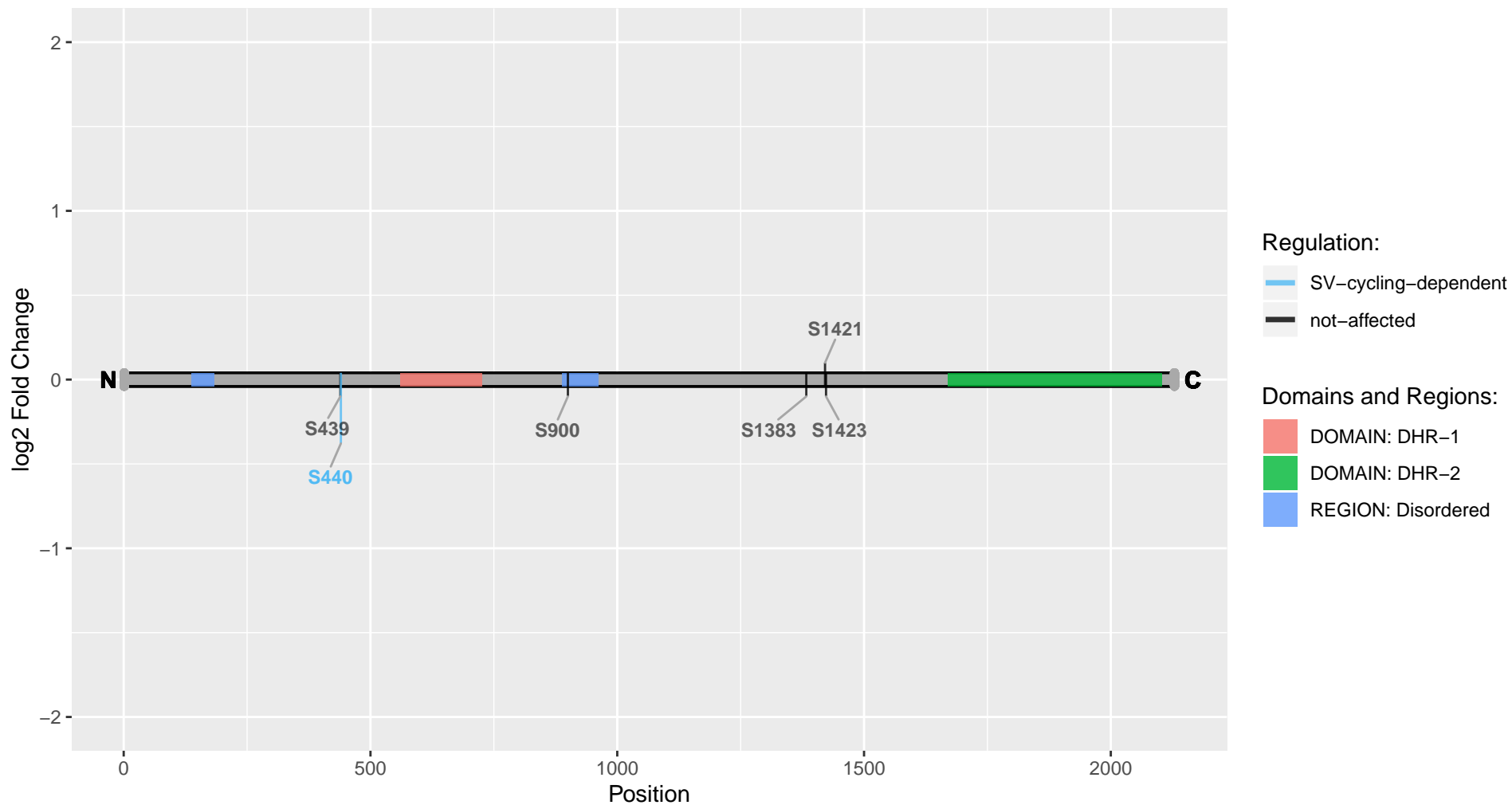
Dedicator of cytokinesis 4



Dock7

Uniprot Accession: A0A0G2K3H2

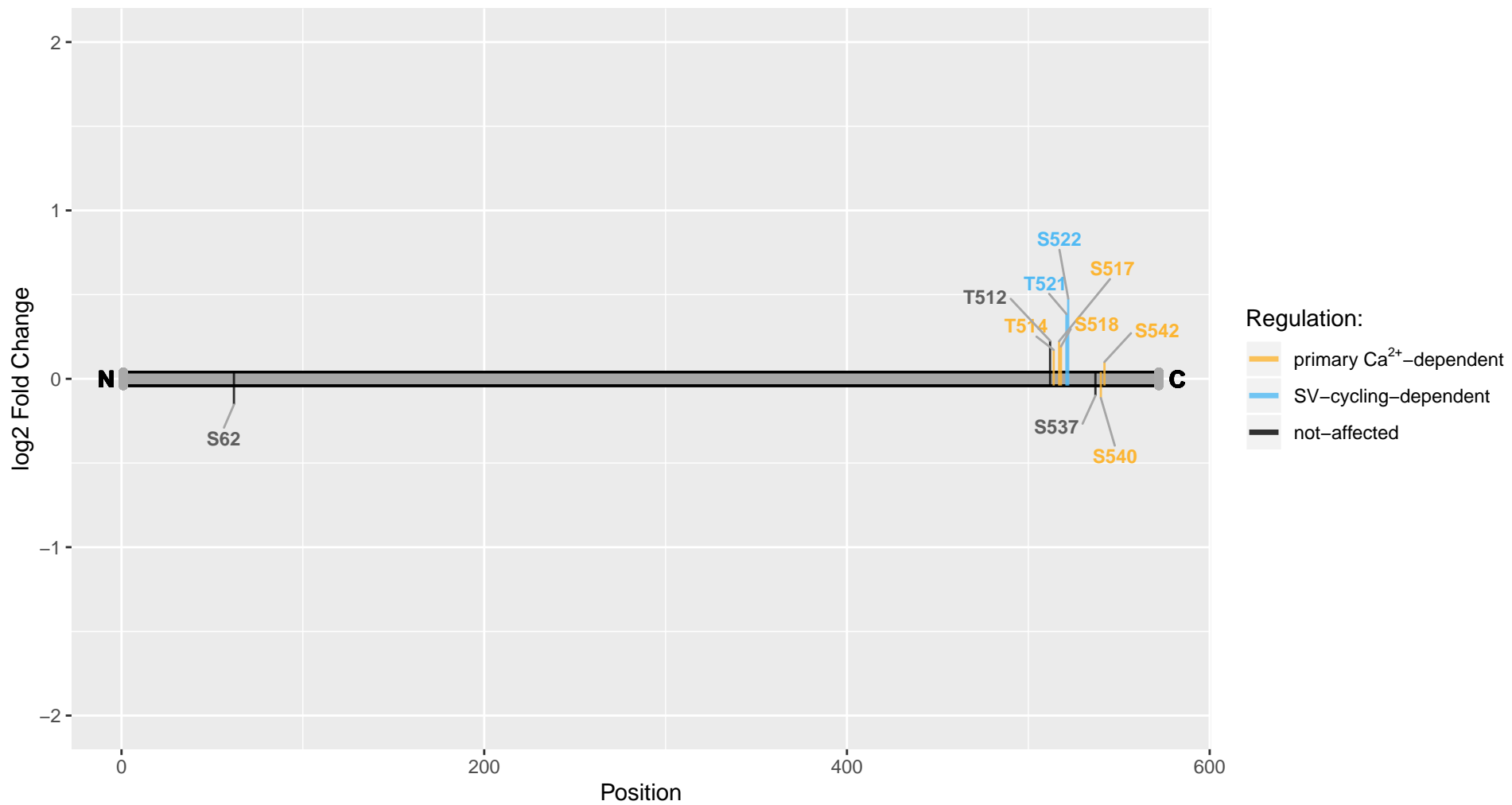
Dedicator of cytokinesis 7



Dpysl2

Uniprot Accession: P47942

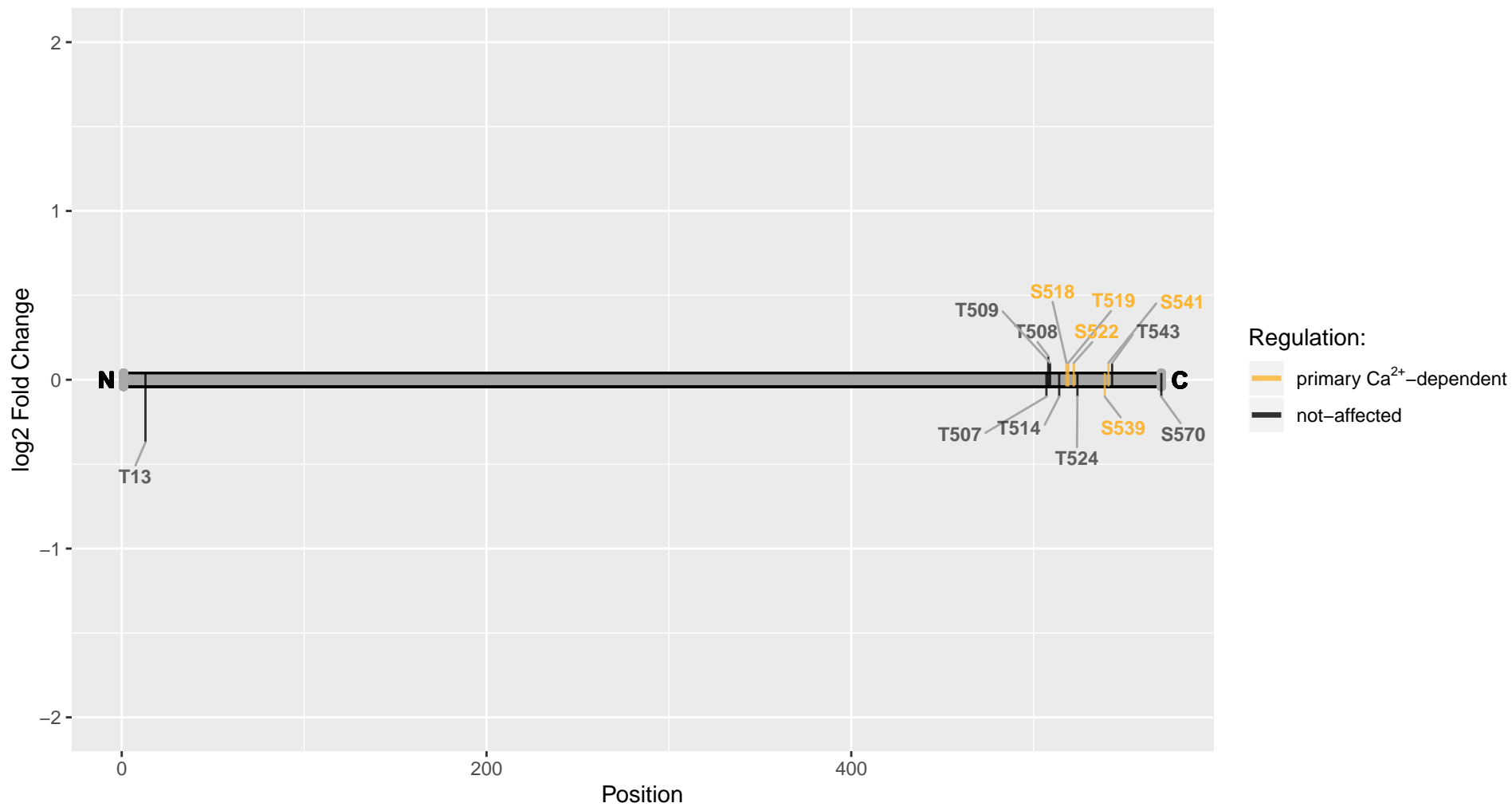
Dihydropyrimidinase-related protein 2



Dpysl3

Uniprot Accession: Q62952

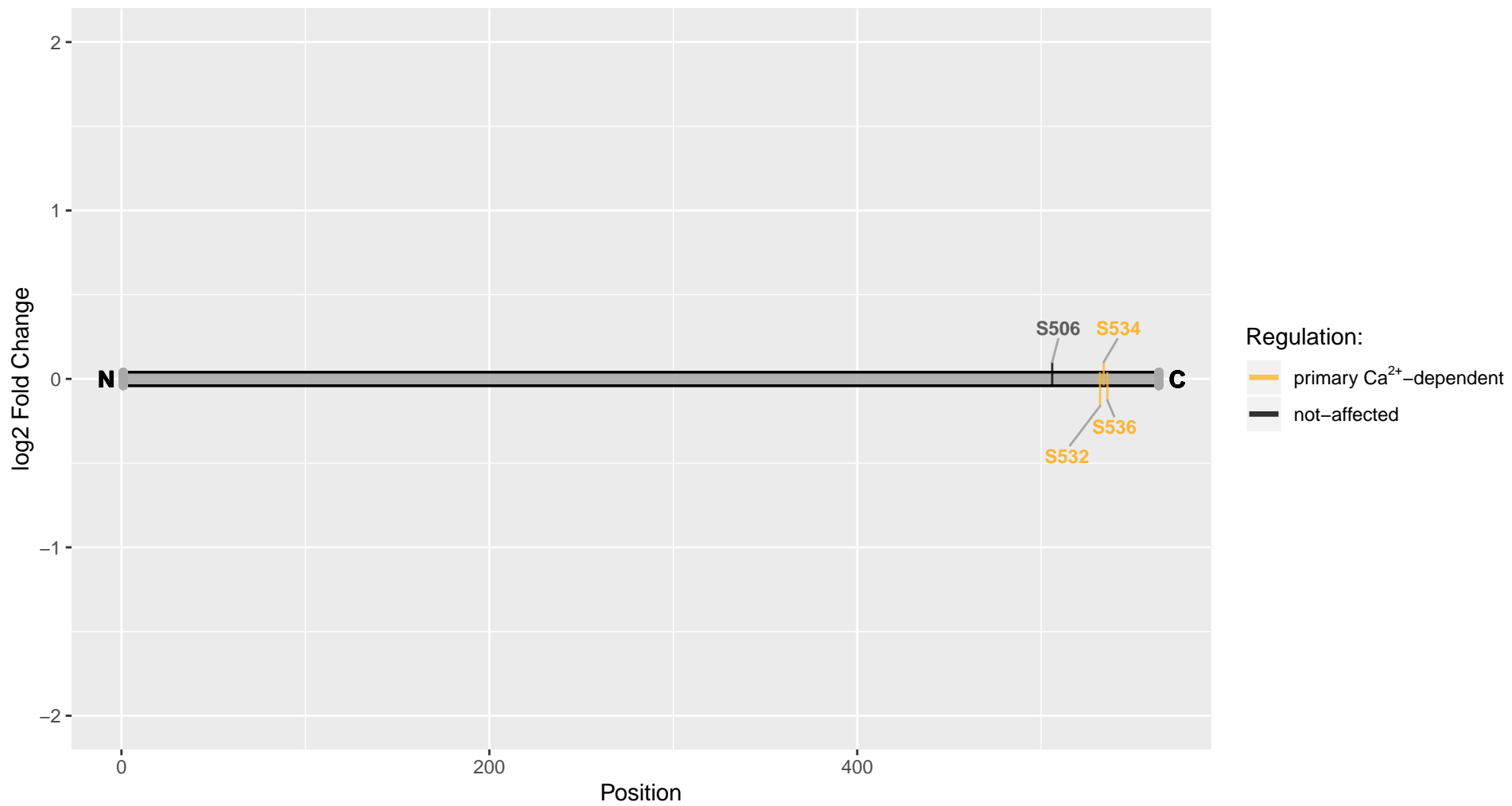
Dihydropyrimidinase-related protein 3



Dpysl4

Uniprot Accession: Q62951

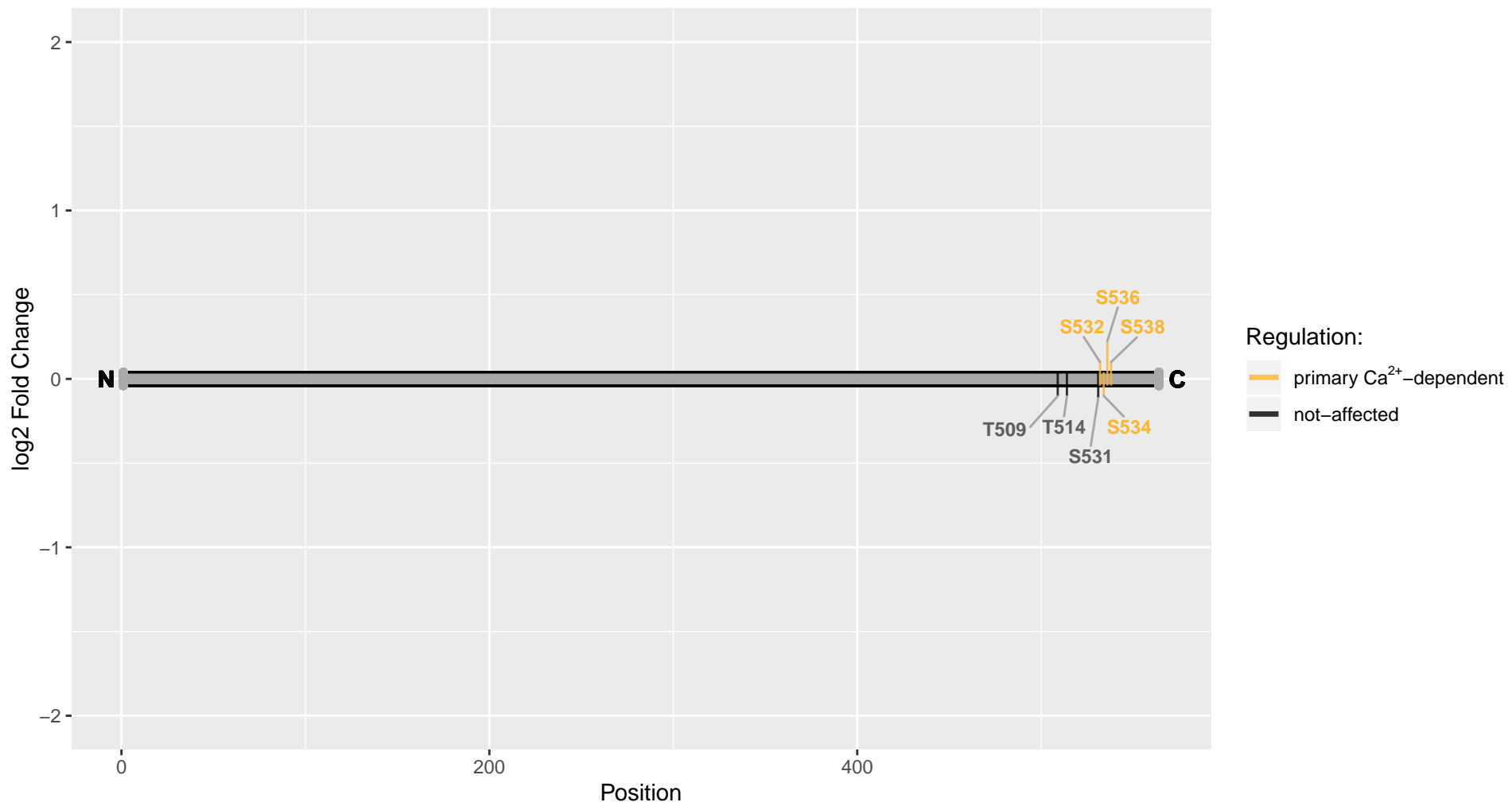
Dihydropyrimidinase-related protein 4 (Fragment)



Dpysl5

Uniprot Accession: Q9JHU0

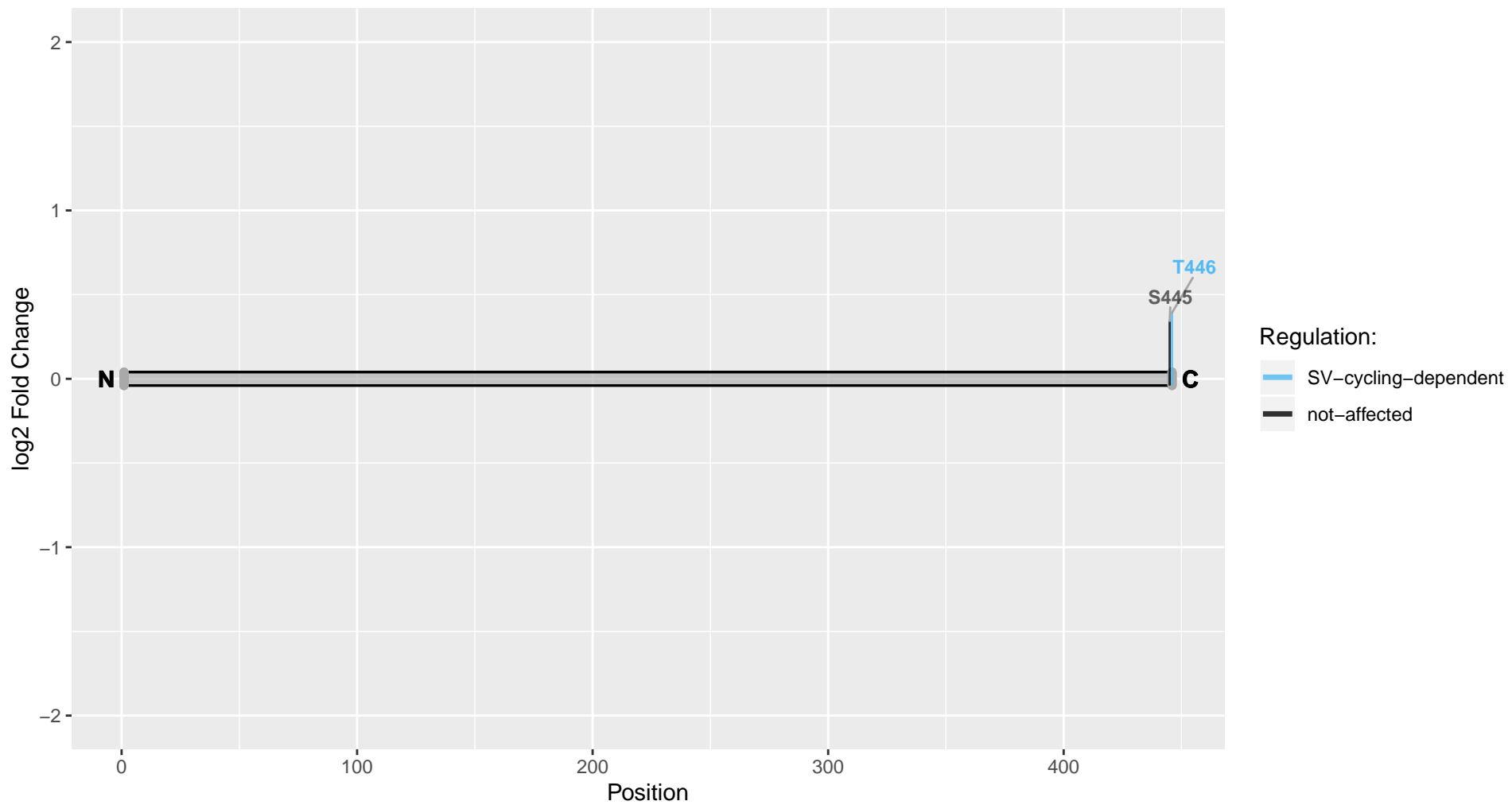
Dihydropyrimidinase-related protein 5



Drd1

Uniprot Accession: P18901

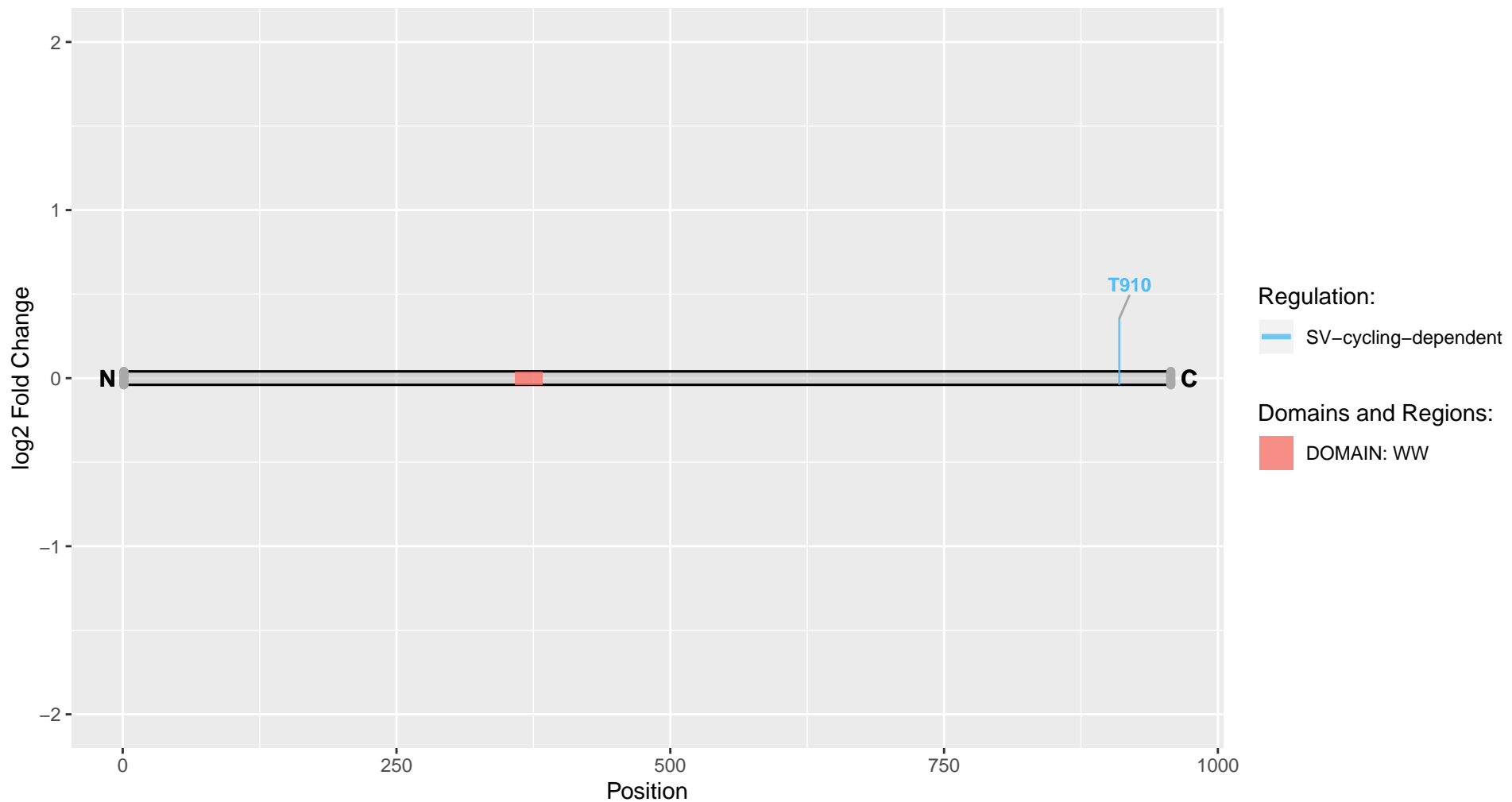
D(1A) dopamine receptor



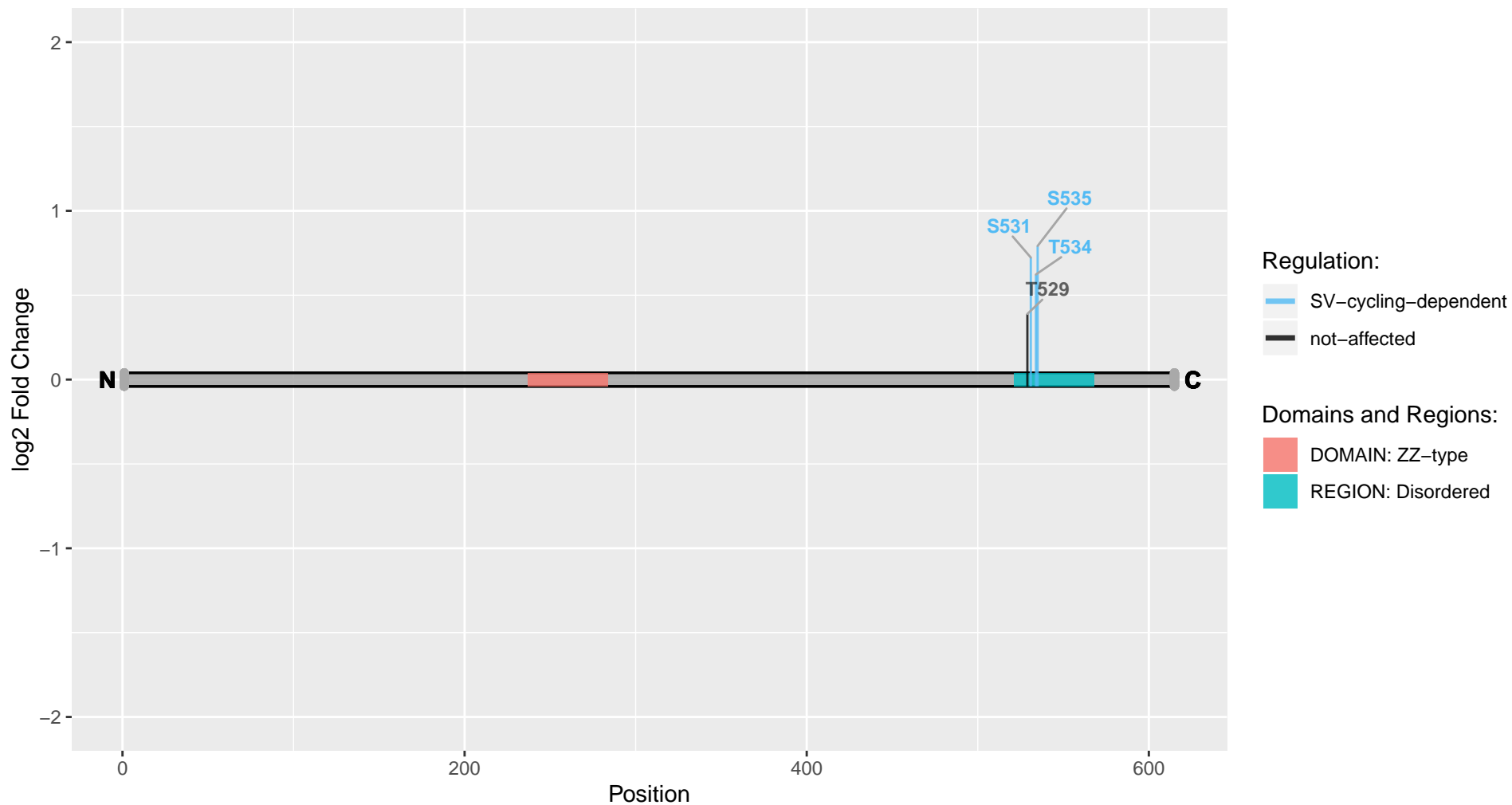
Drp2

Uniprot Accession: Q9EPA0

Dystrophin-related protein 2



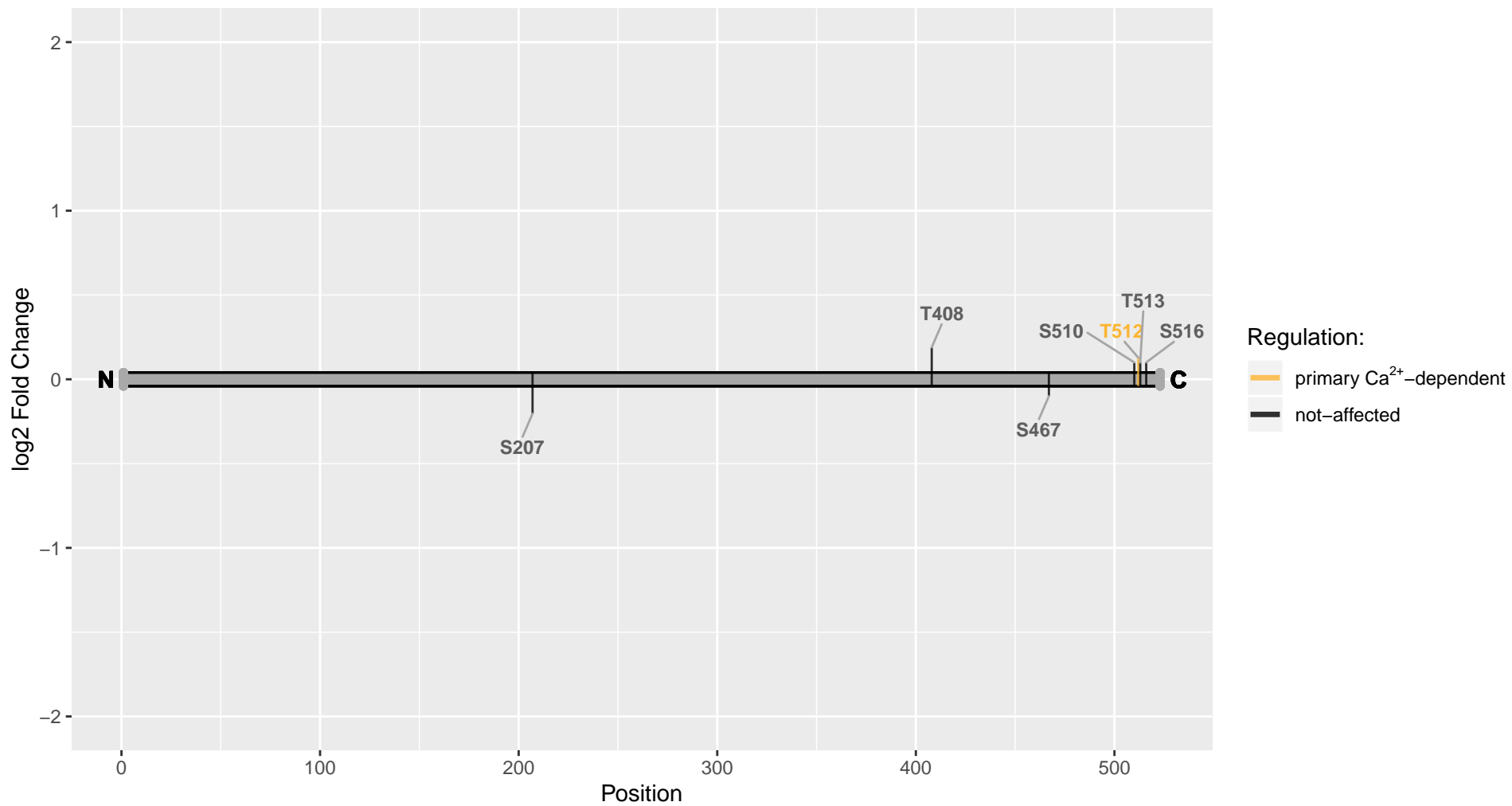
Dtnb
Uniprot Accession: A0A0G2JVM6
Dystrobrevin



Dync1li1

Uniprot Accession: Q9QXU8

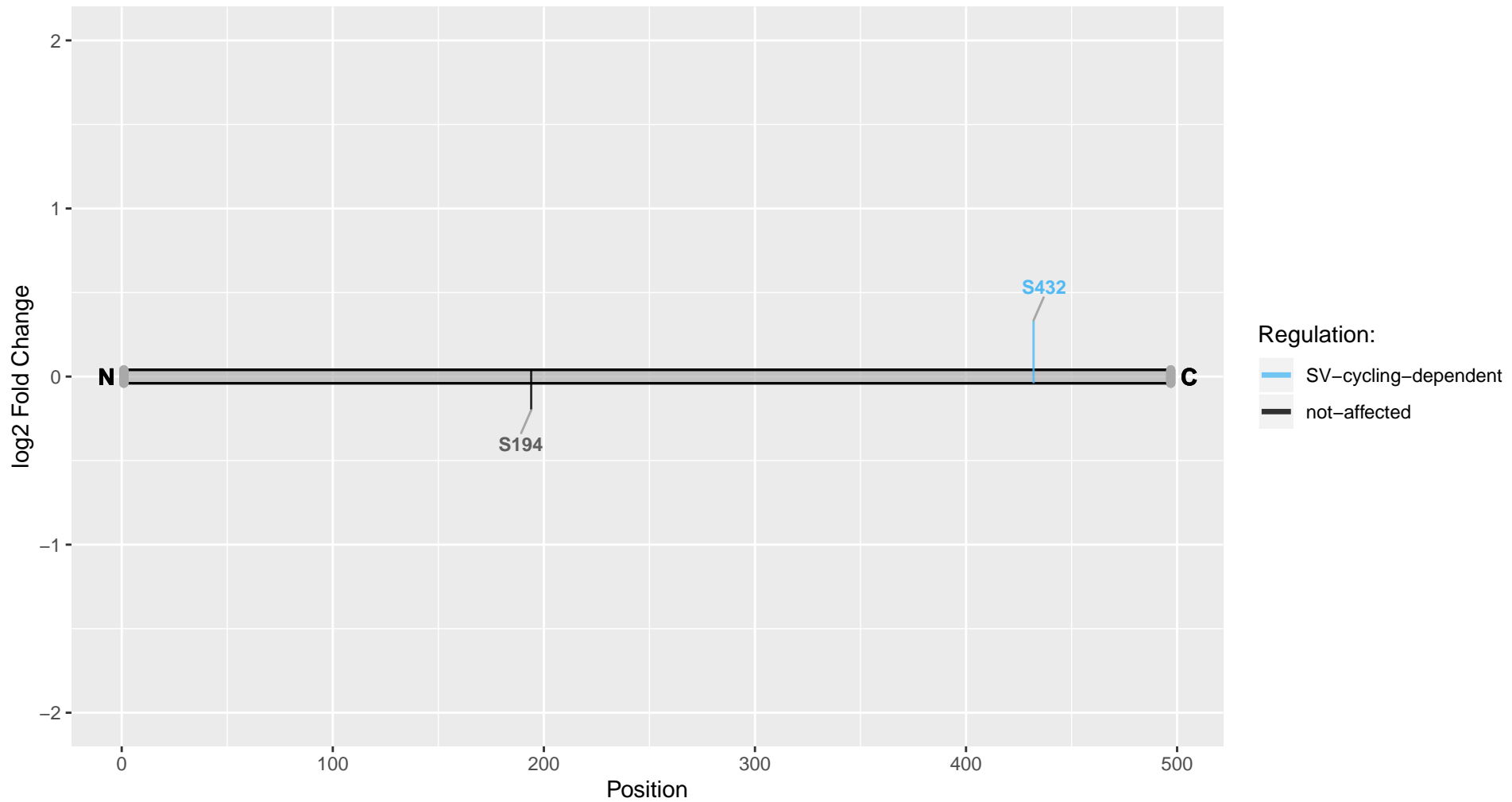
Cytoplasmic dynein 1 light intermediate chain 1



Dync1li2

Uniprot Accession: Q62698

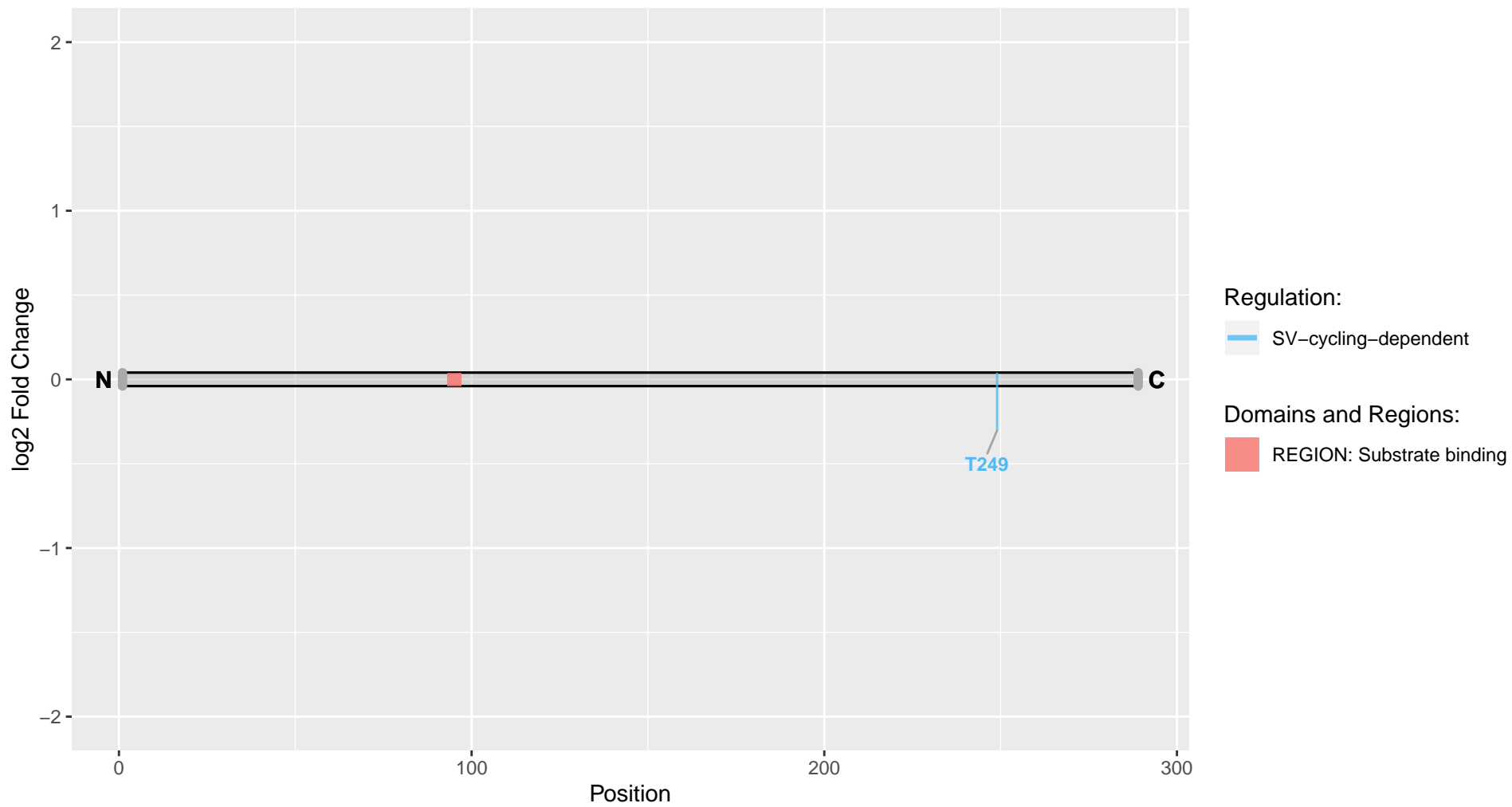
Cytoplasmic dynein 1 light intermediate chain 2



Eci1

Uniprot Accession: P23965

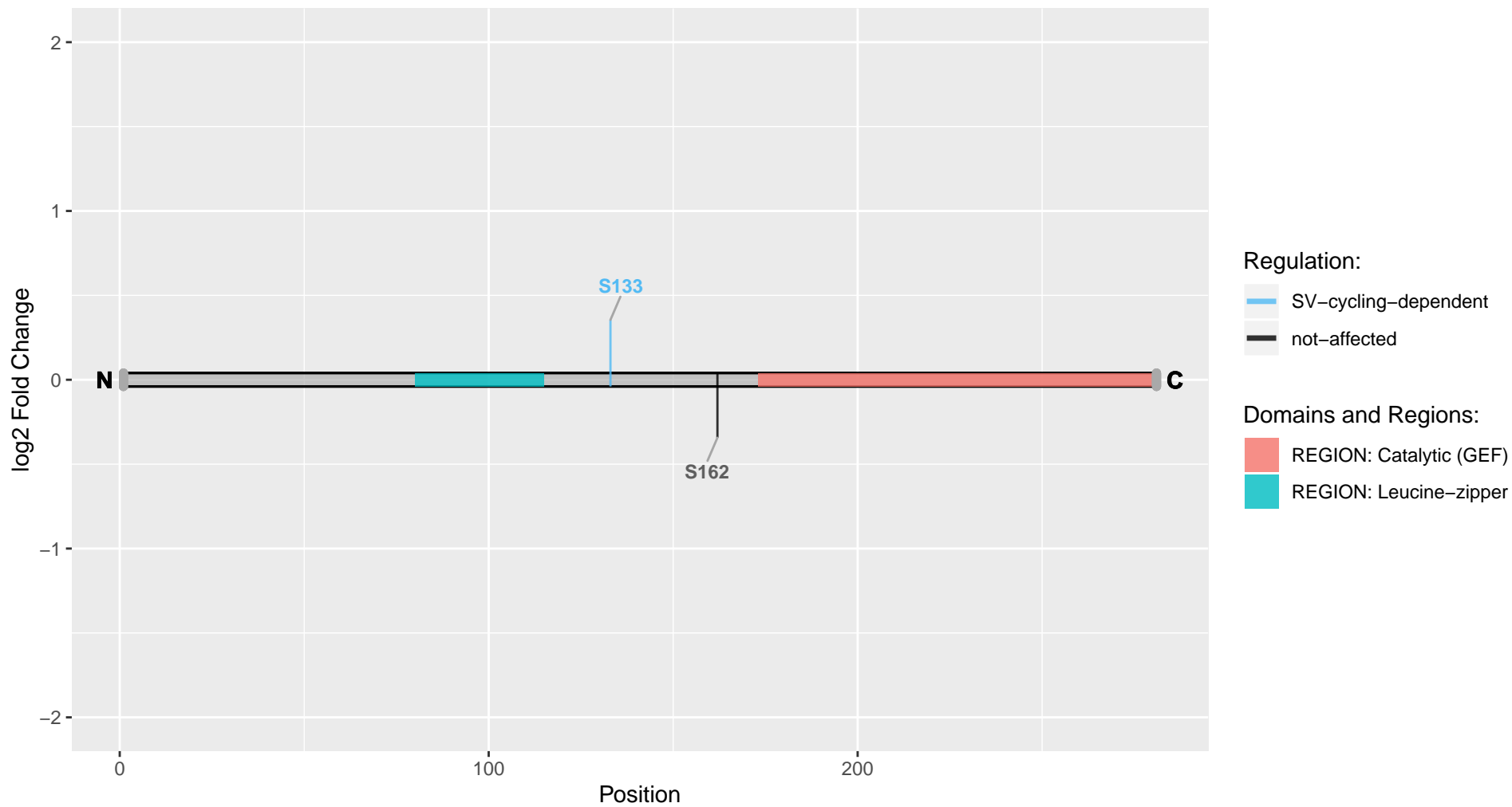
Enoyl-CoA delta isomerase 1, mitochondrial



Eef1d

Uniprot Accession: Q68FR9

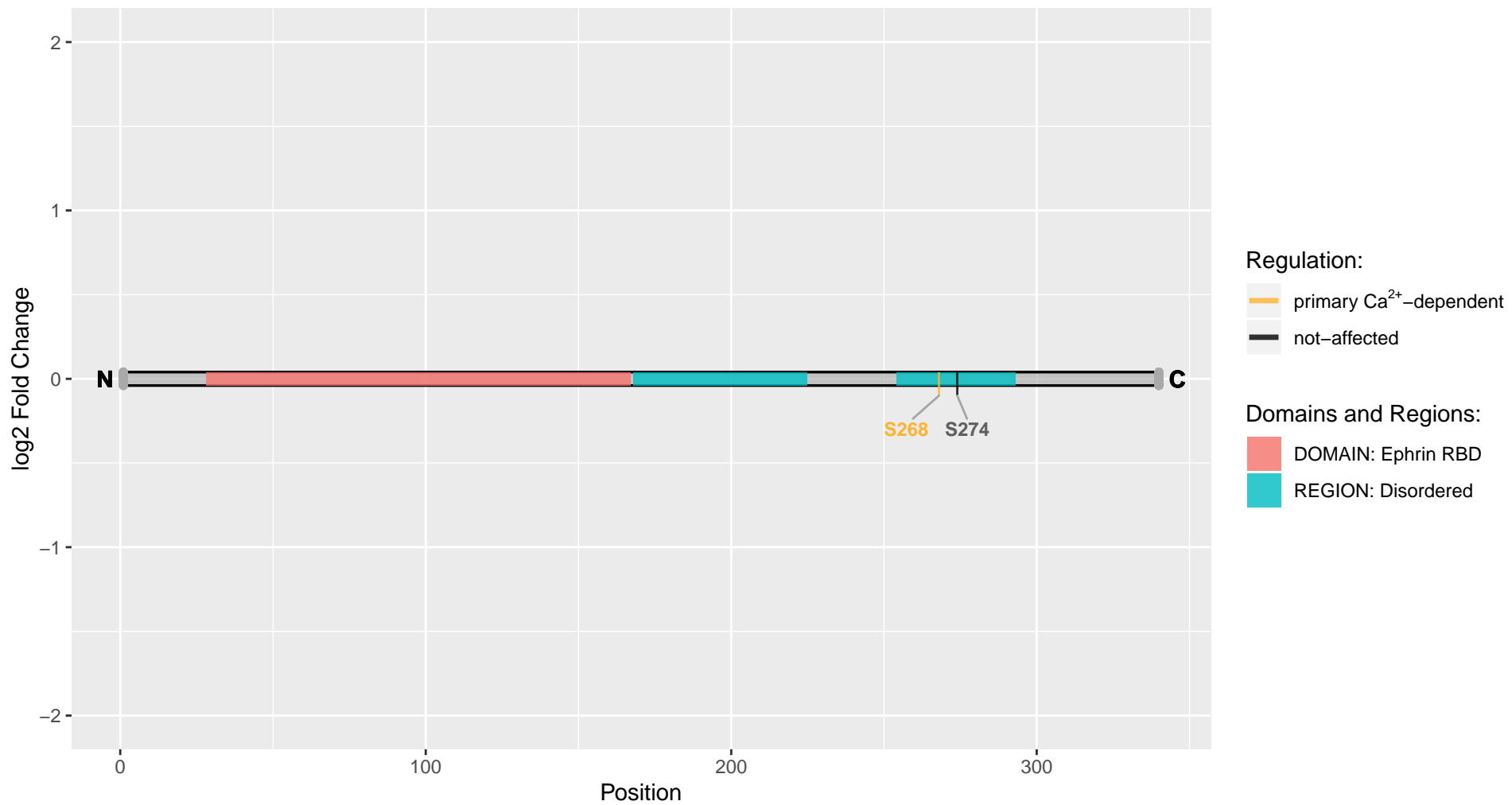
Elongation factor 1-delta



Efnb3

Uniprot Accession: G3V7D4

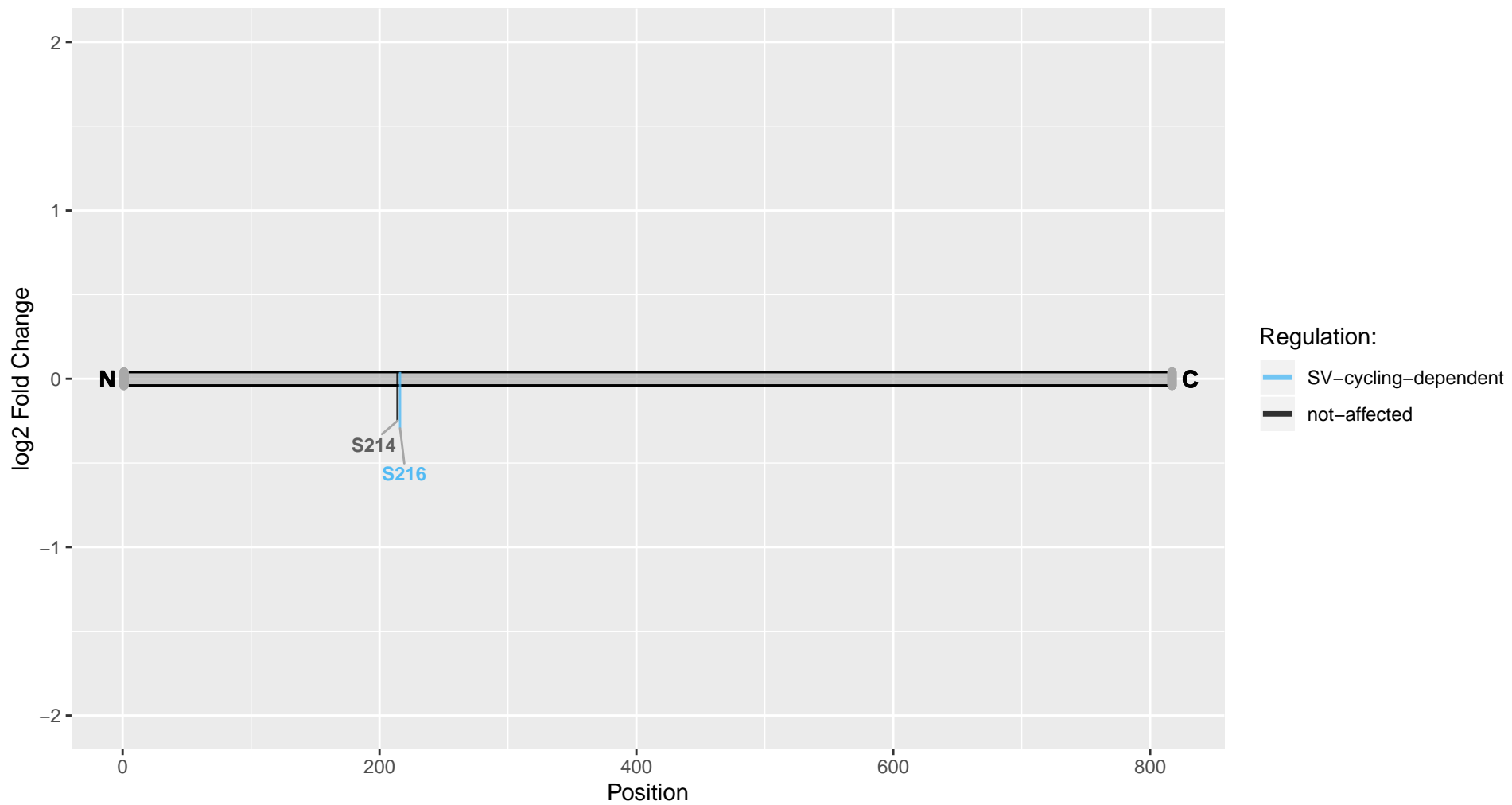
Ephrin B3



Efr3b

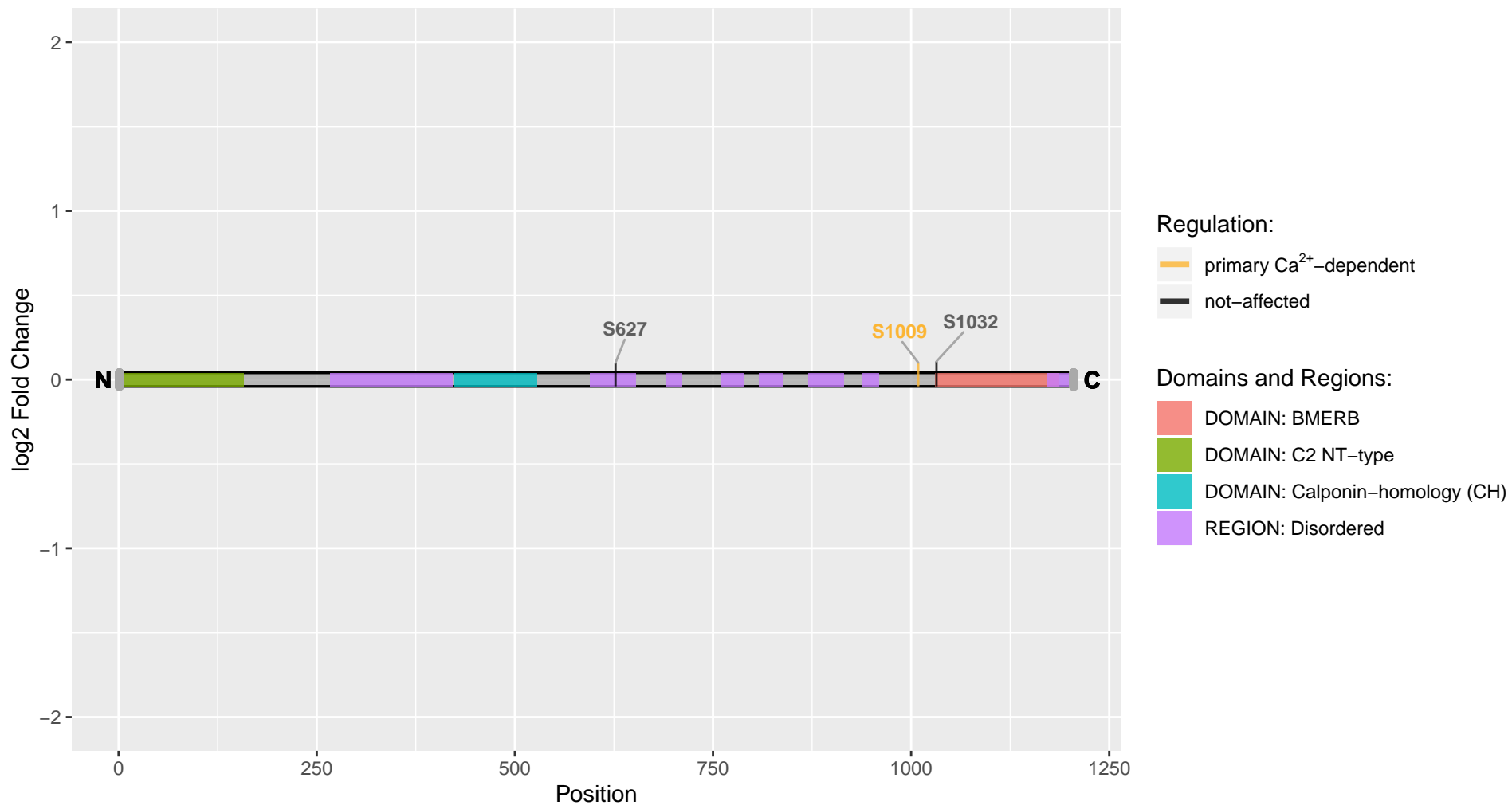
Uniprot Accession: F1LTW9

EFR3 homolog B



Ehbp1

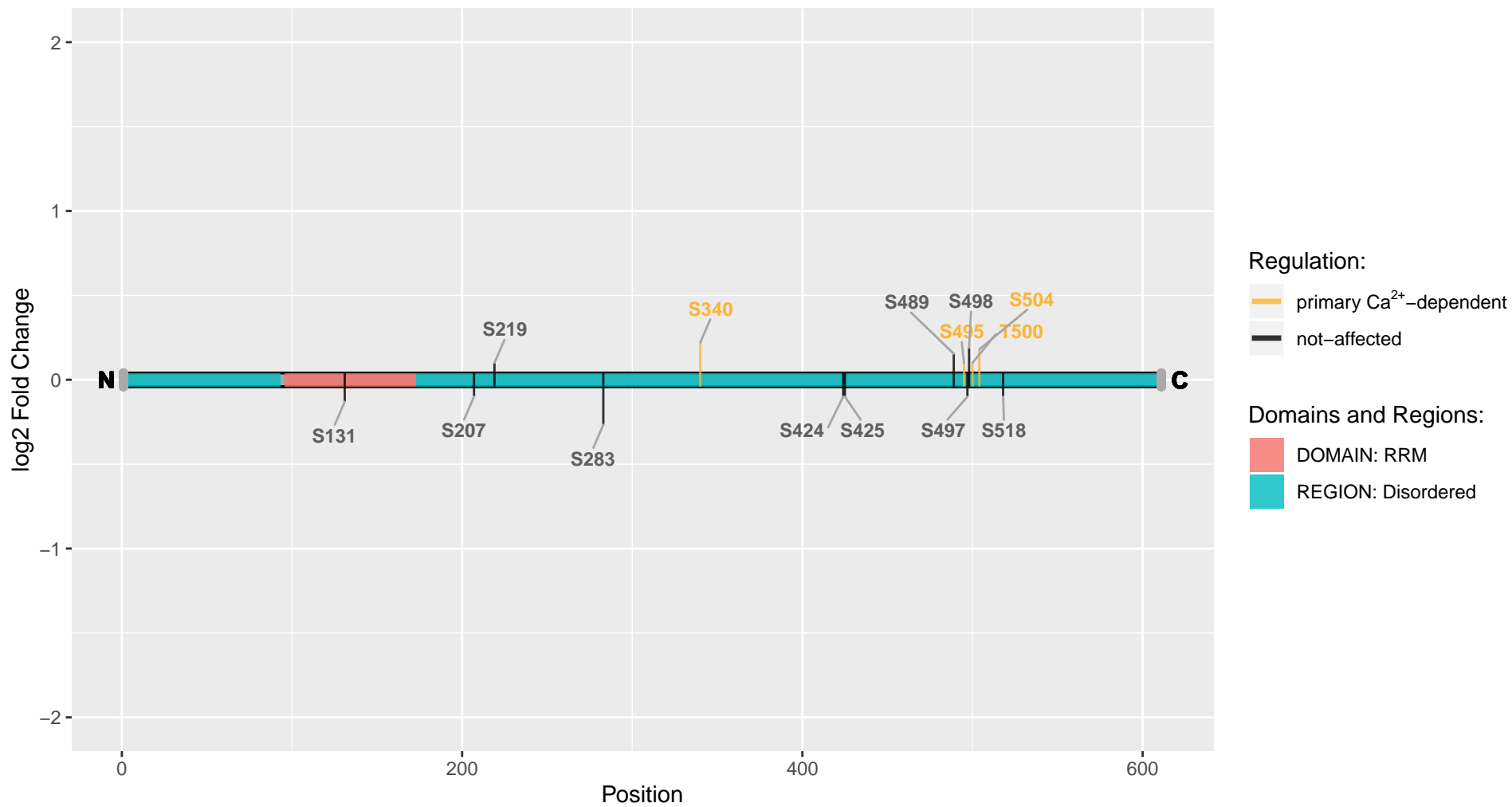
Uniprot Accession: F1LVX2
EH domain-binding protein 1



Eif4b

Uniprot Accession: Q5RKG9

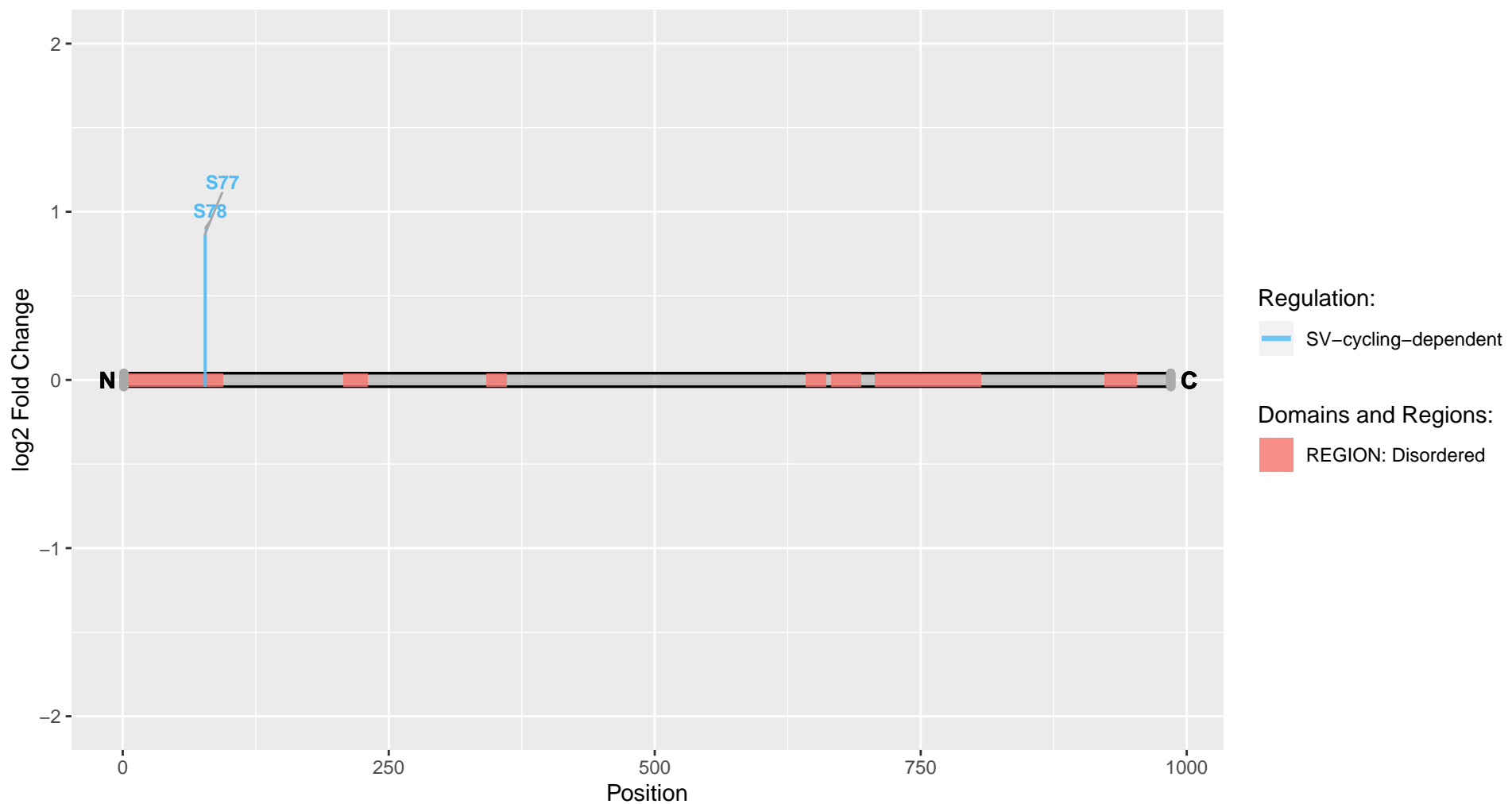
Eukaryotic translation initiation factor 4B



Eif4enif1

Uniprot Accession: D4ACF1

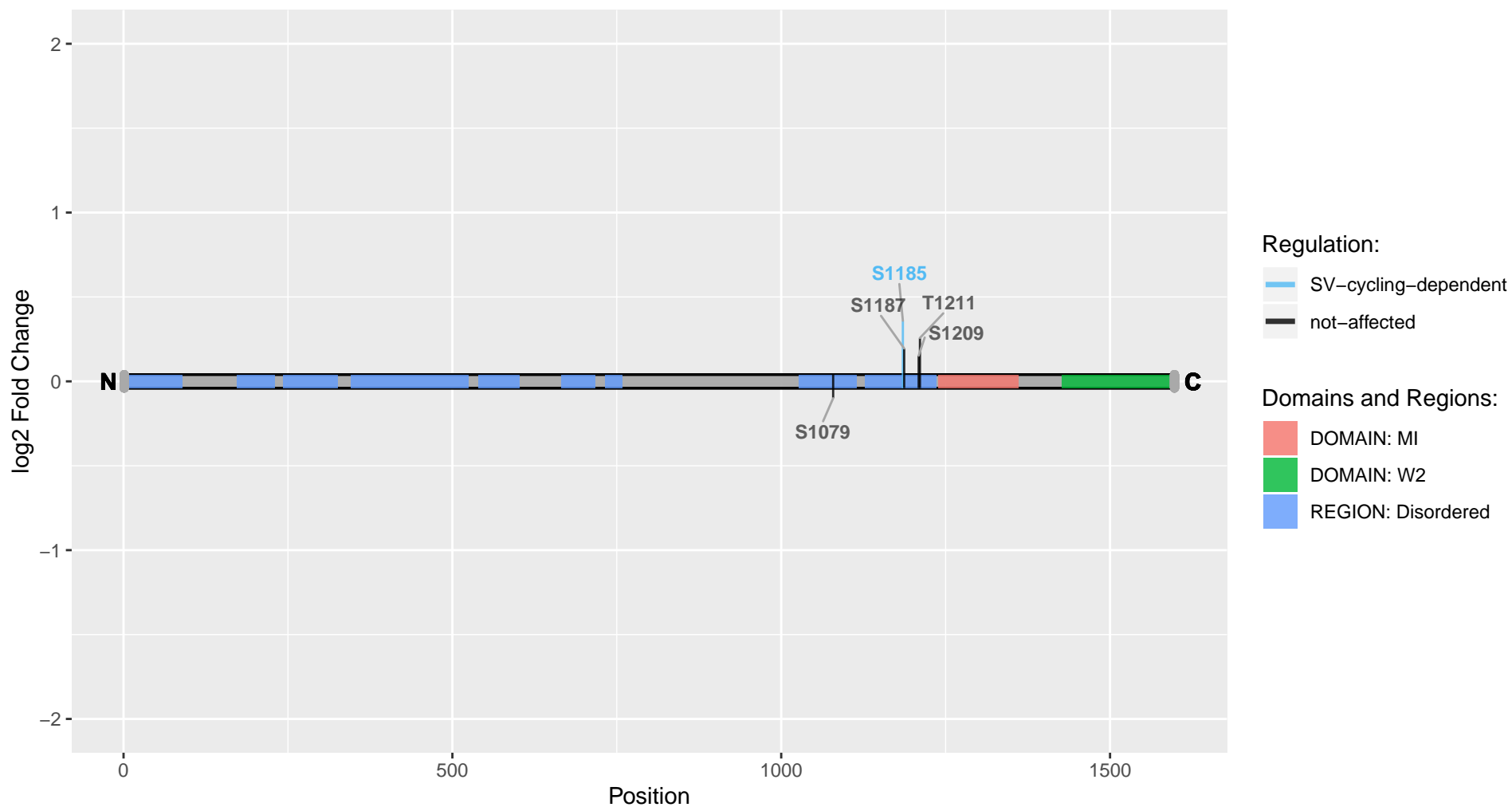
Eukaryotic translation initiation factor 4E nuclear import factor 1



Eif4g1

Uniprot Accession: D3ZU13

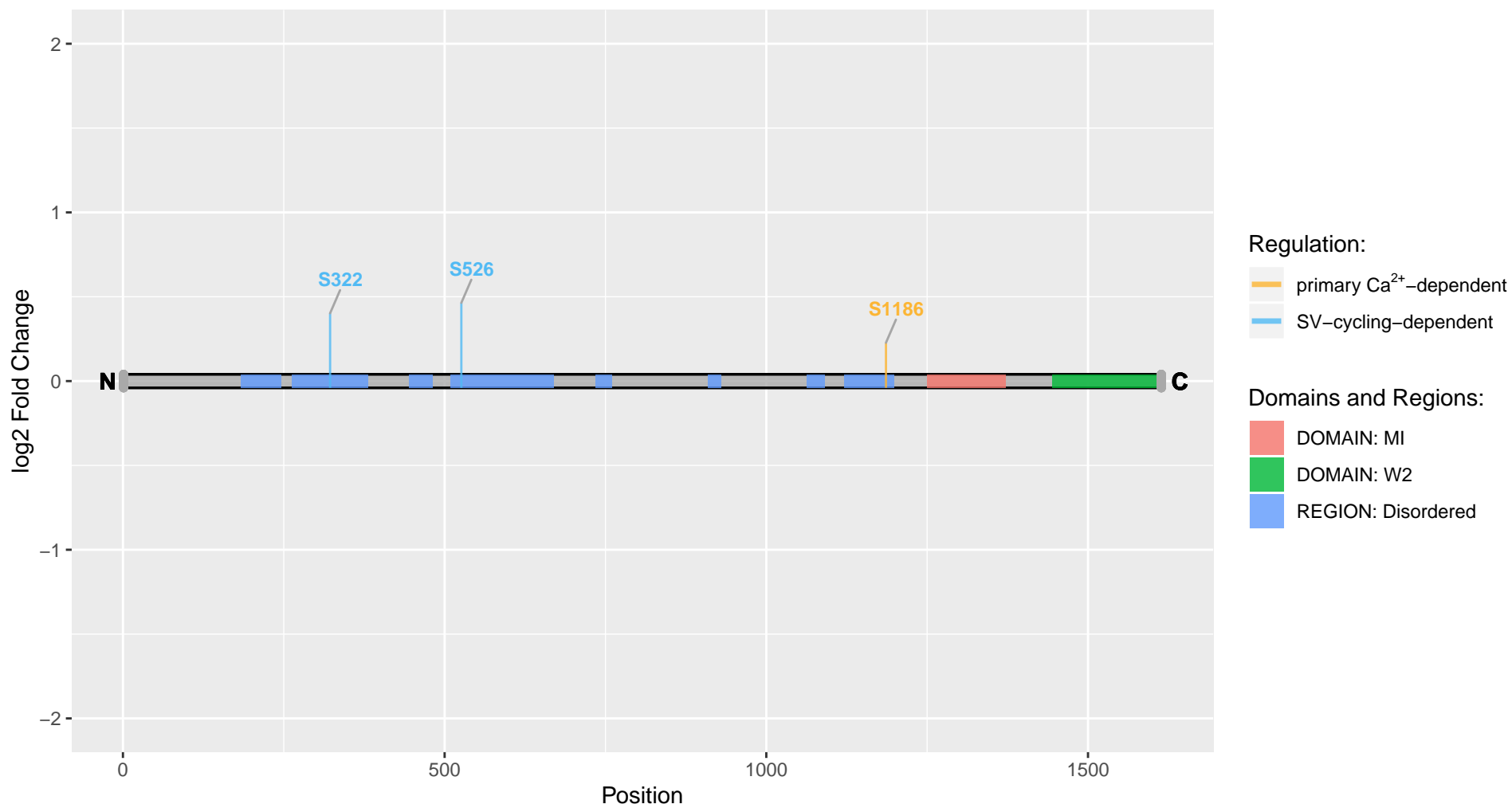
Eukaryotic translation initiation factor 4 gamma, 1



Eif4g3

Uniprot Accession: A0A0G2JY73

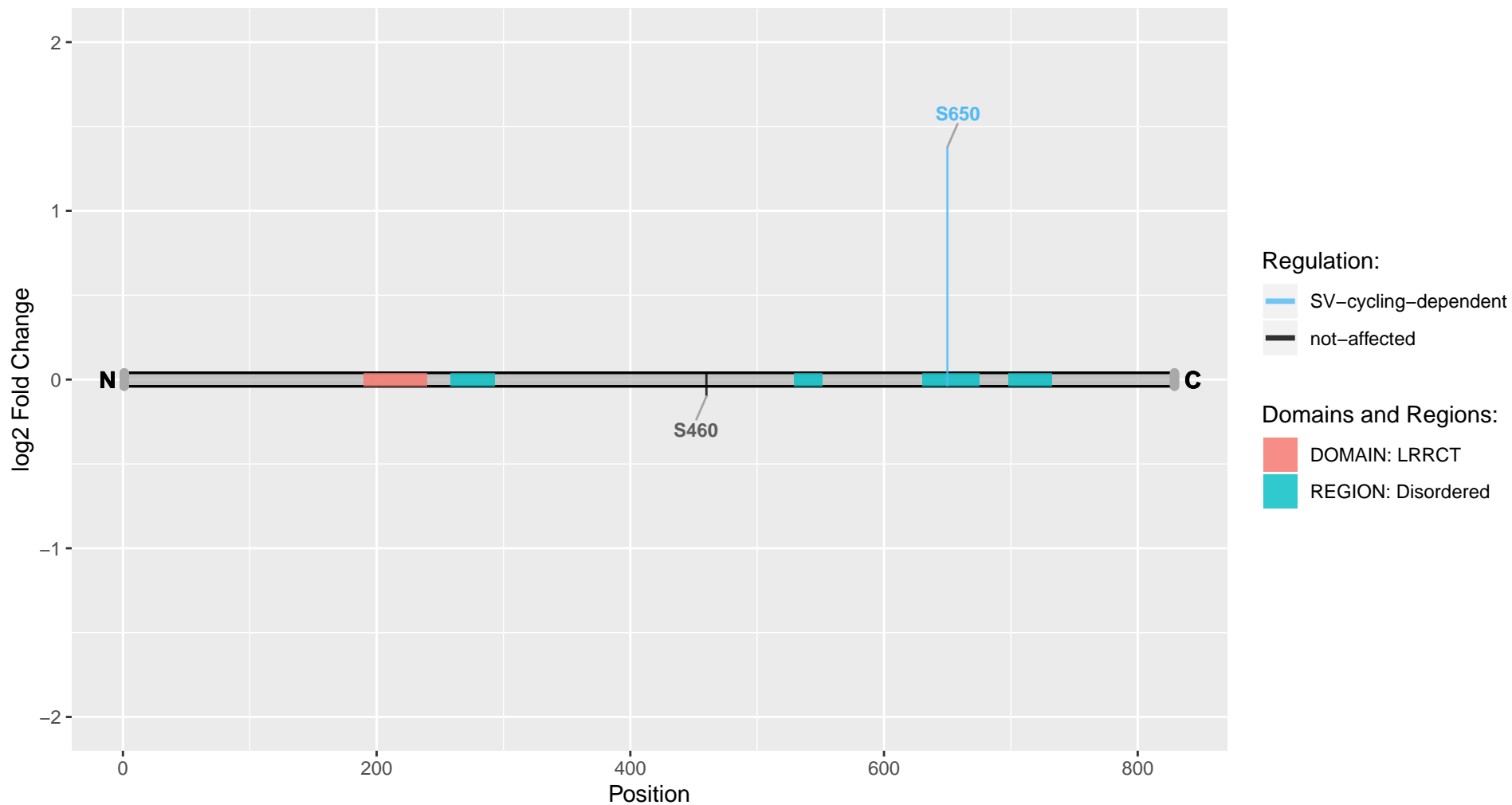
Eukaryotic translation initiation factor 4 gamma, 3



Elfn1

Uniprot Accession: D3ZZ44

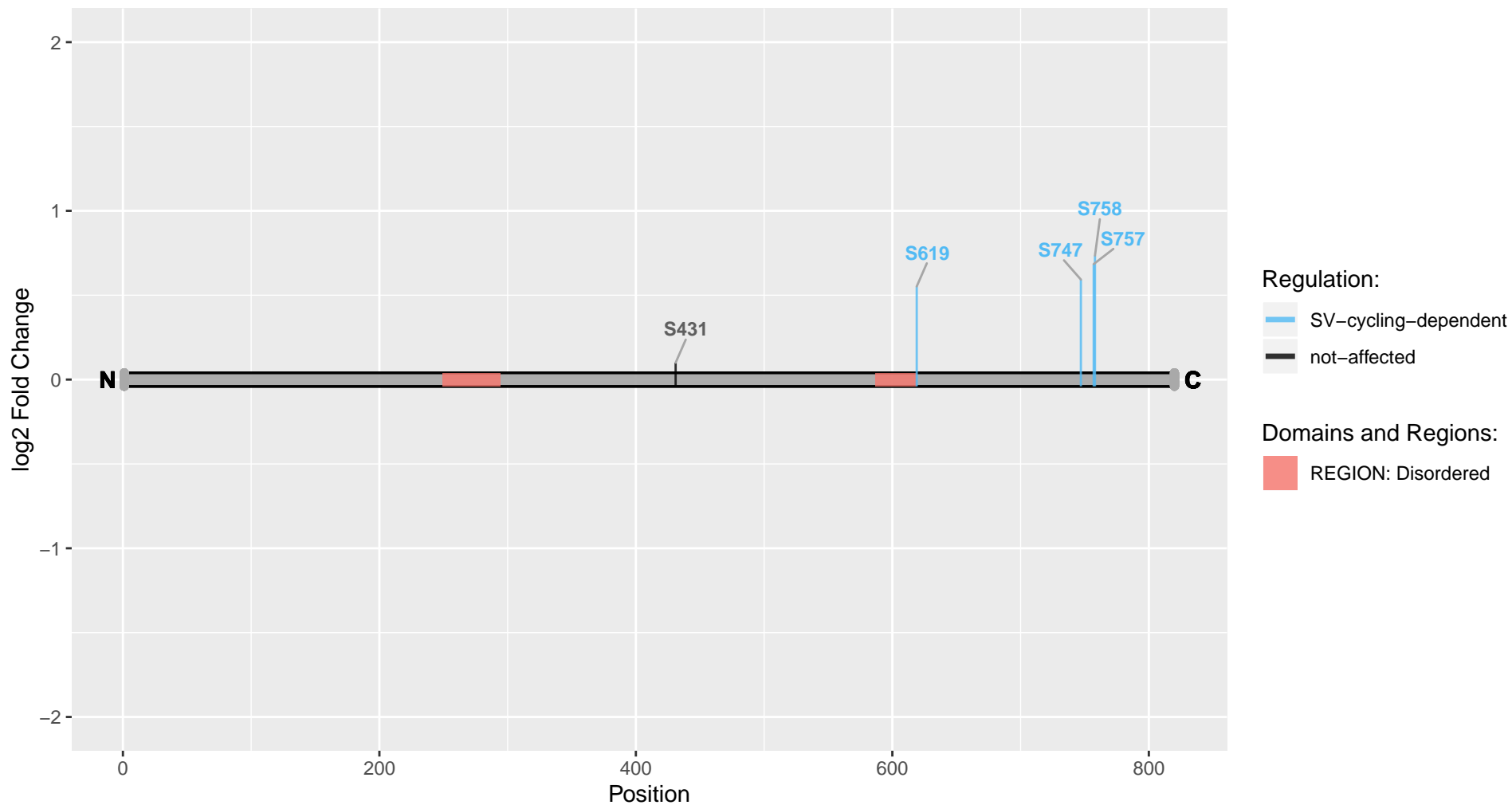
Extracellular leucine-rich repeat and fibronectin type III domain-containing 1



Elfn2

Uniprot Accession: D3ZH36

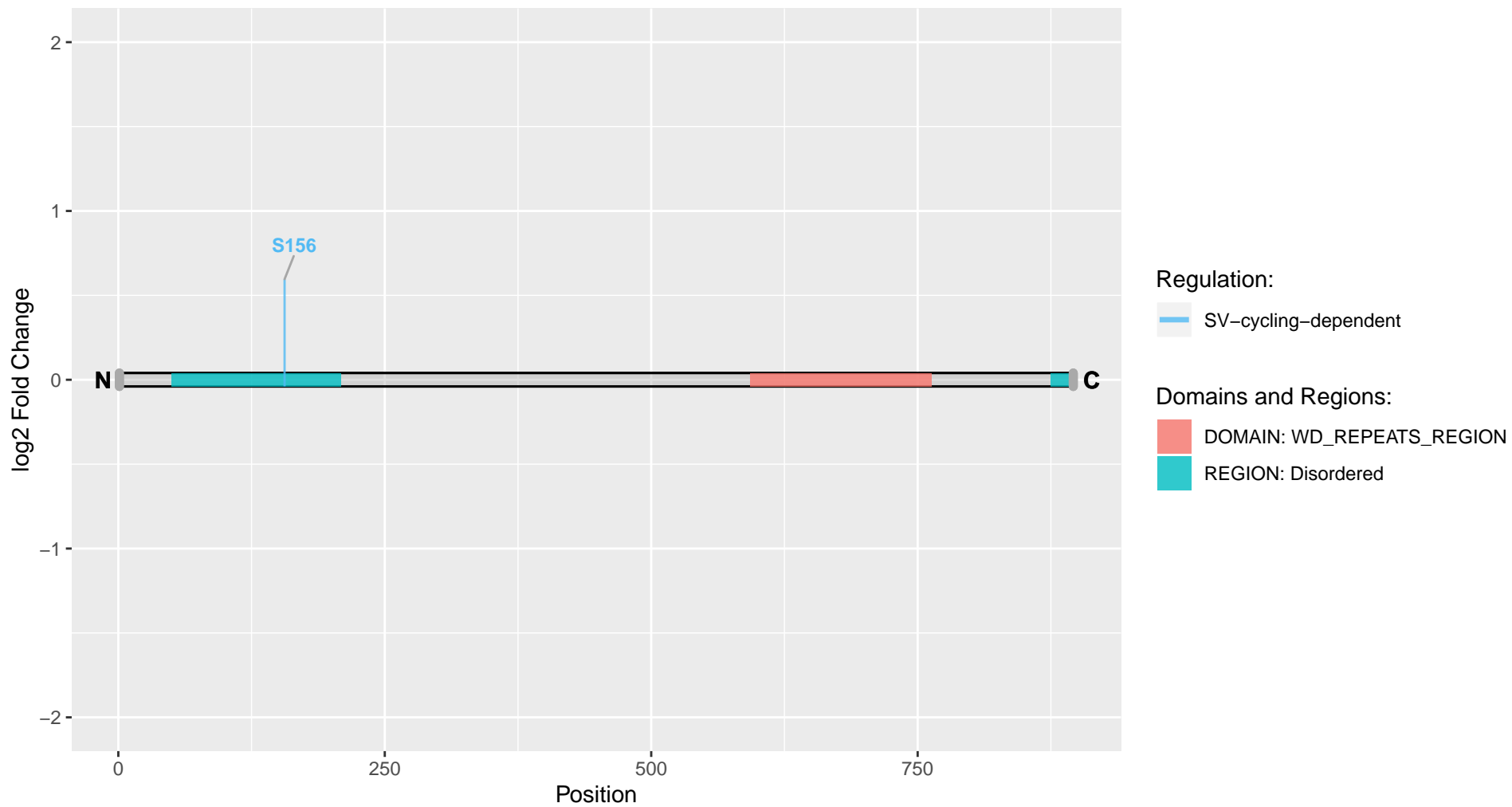
Extracellular leucine-rich repeat and fibronectin type III domain-containing 2



Eml3

Uniprot Accession: D4A4R1

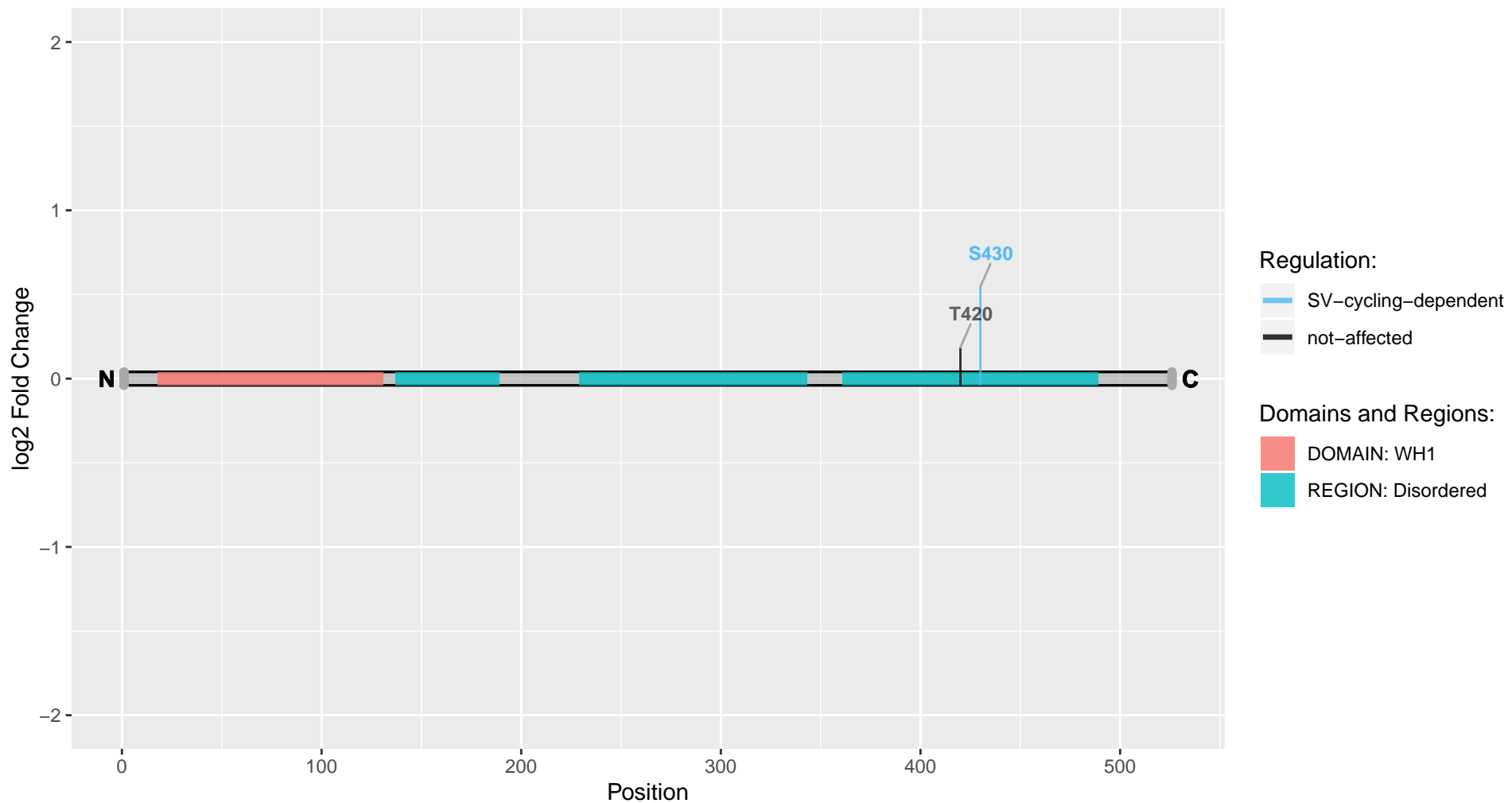
EMAP-like 3



Enah

Uniprot Accession: Q5XHX3

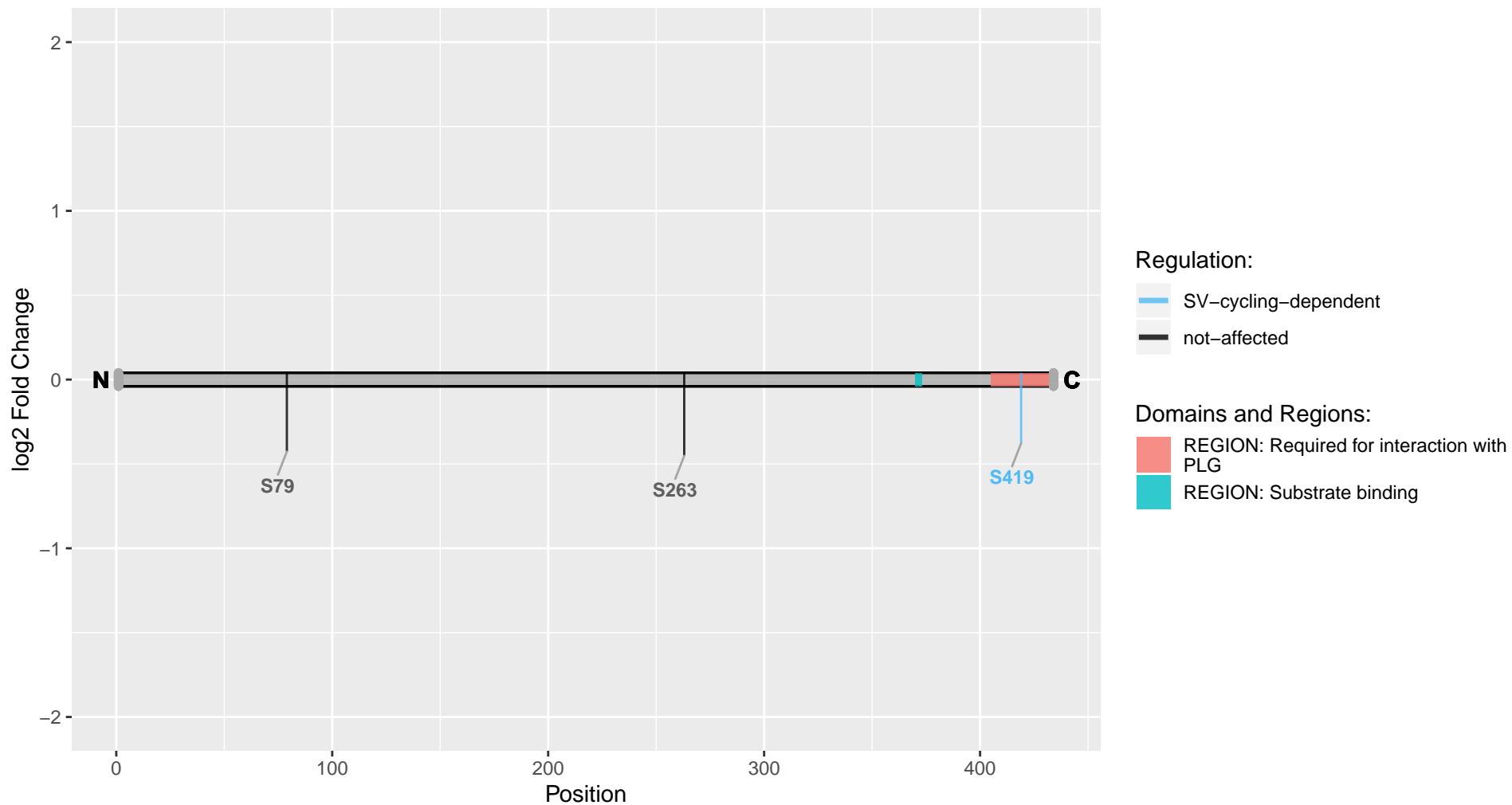
ENAH, actin regulator



Eno1

Uniprot Accession: P04764

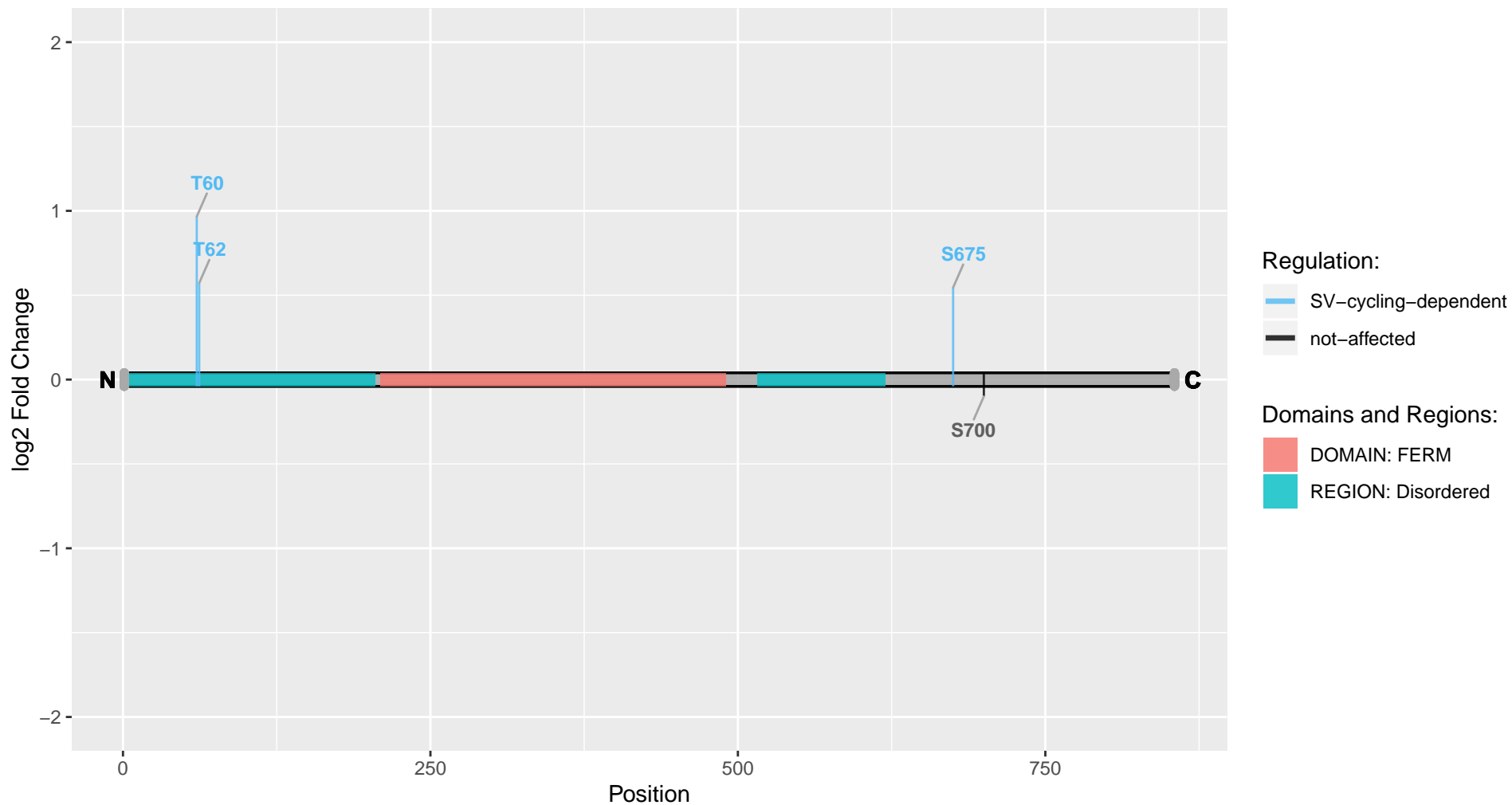
Alpha-enolase



Epb41

Uniprot Accession: D3ZIP3

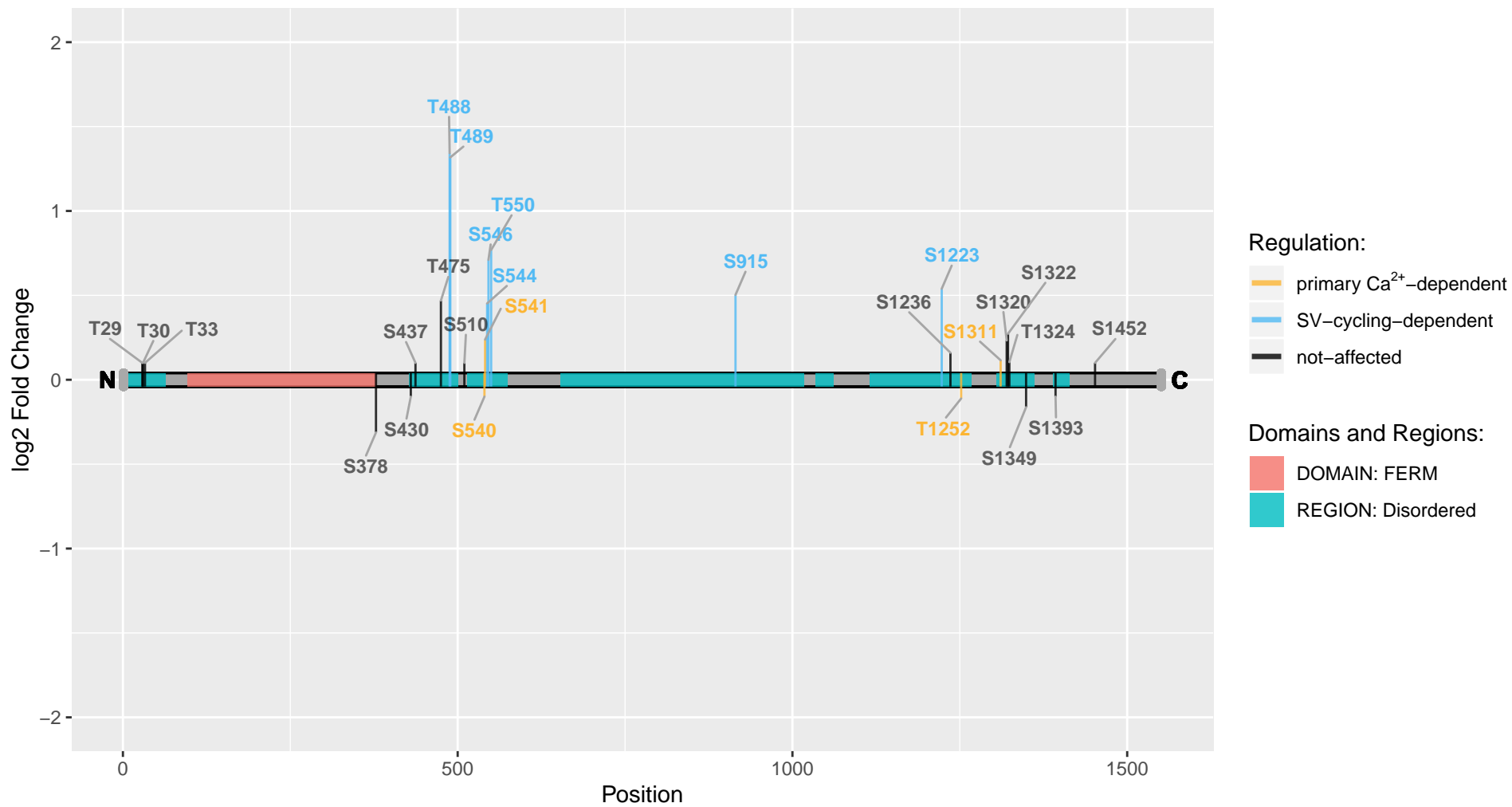
Erythrocyte membrane protein band 4.1



Epb4111

Uniprot Accession: A0A0G2K0F3

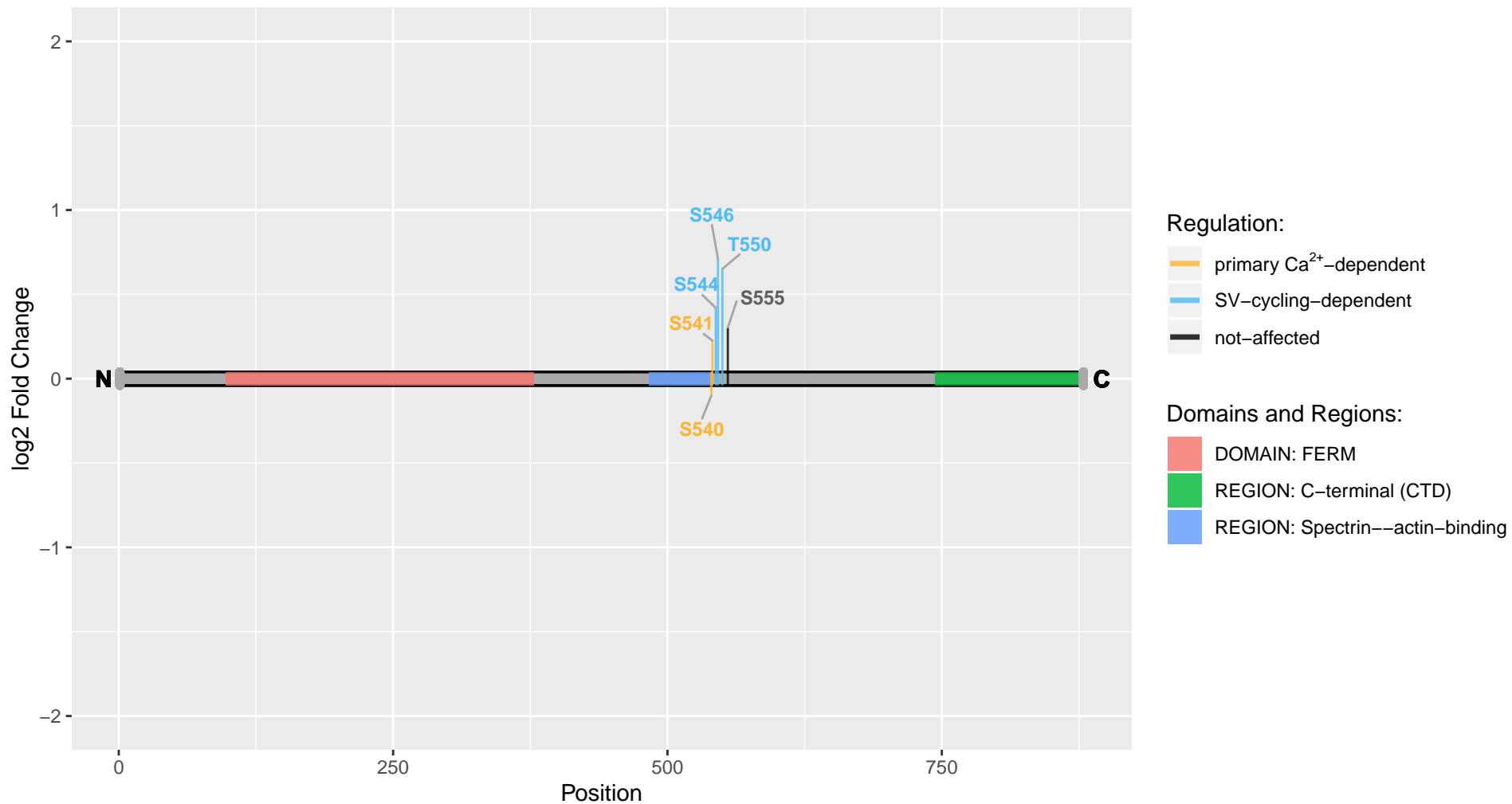
Band 4.1-like protein 1-like



Epb4111

Uniprot Accession: Q9WTP0

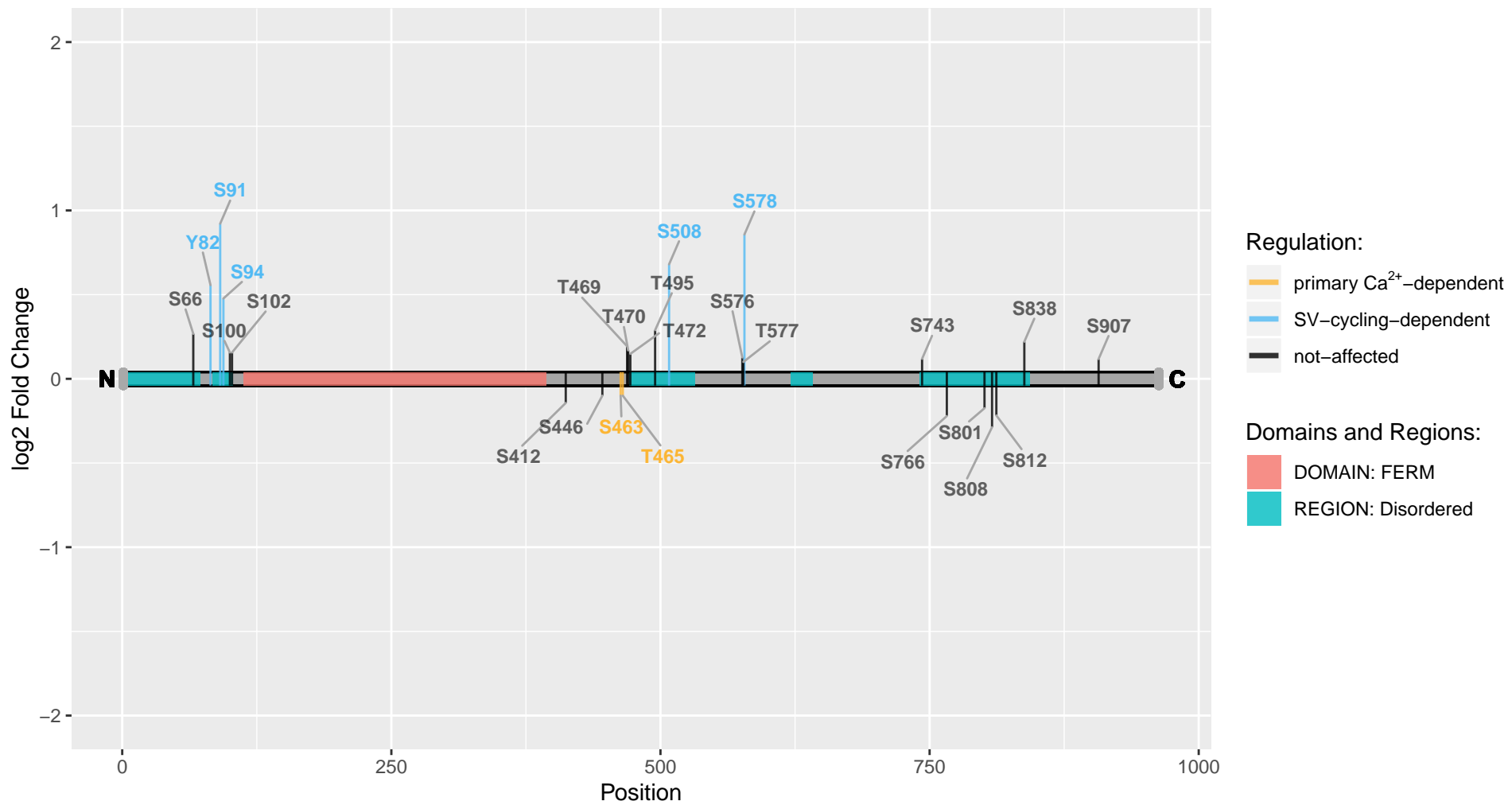
Band 4.1-like protein 1



Epb41I3

Uniprot Accession: G3V874

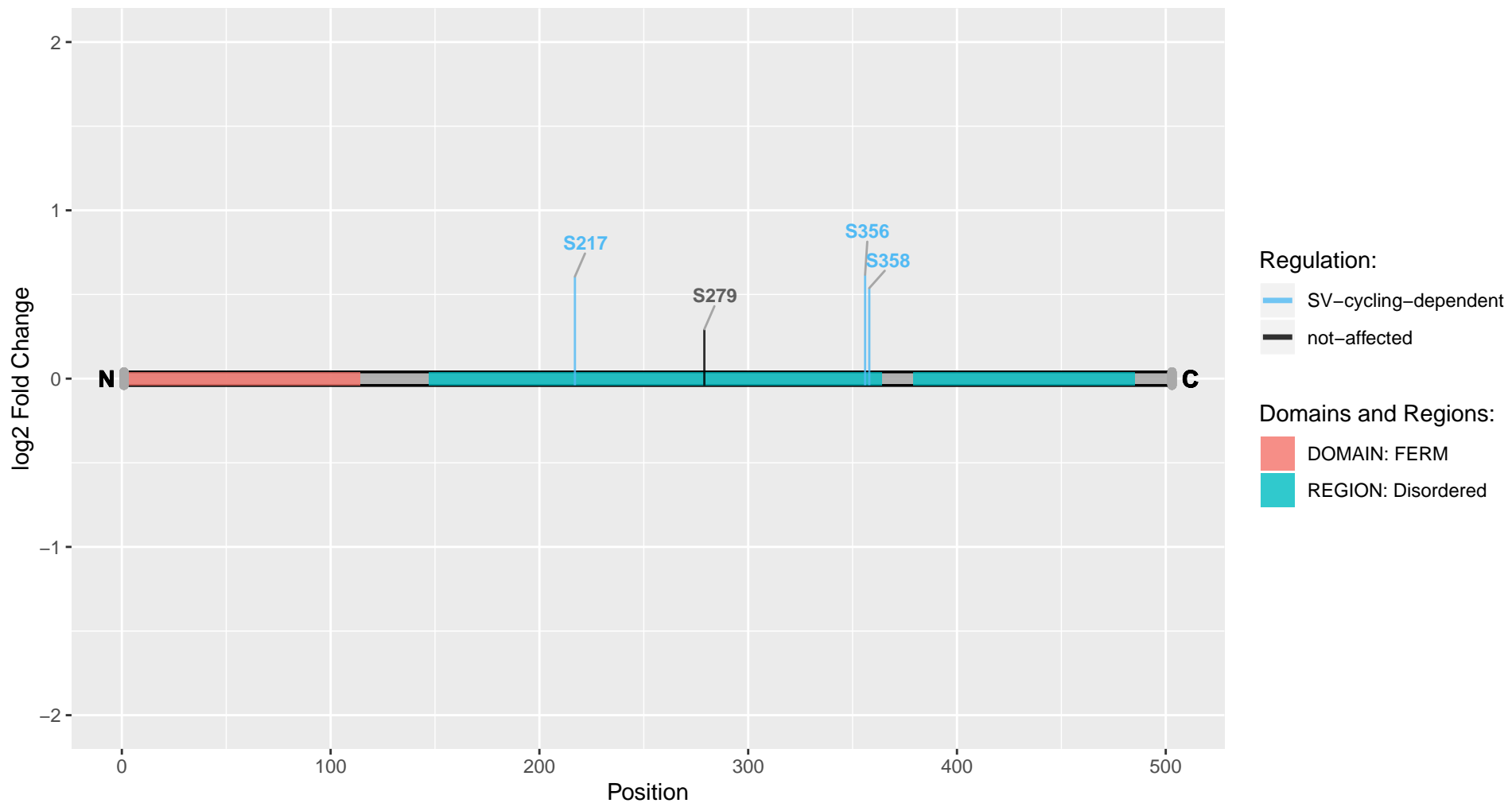
Erythrocyte membrane protein band 4.1-like 3



Epb41l4a

Uniprot Accession: A0A0G2JW20

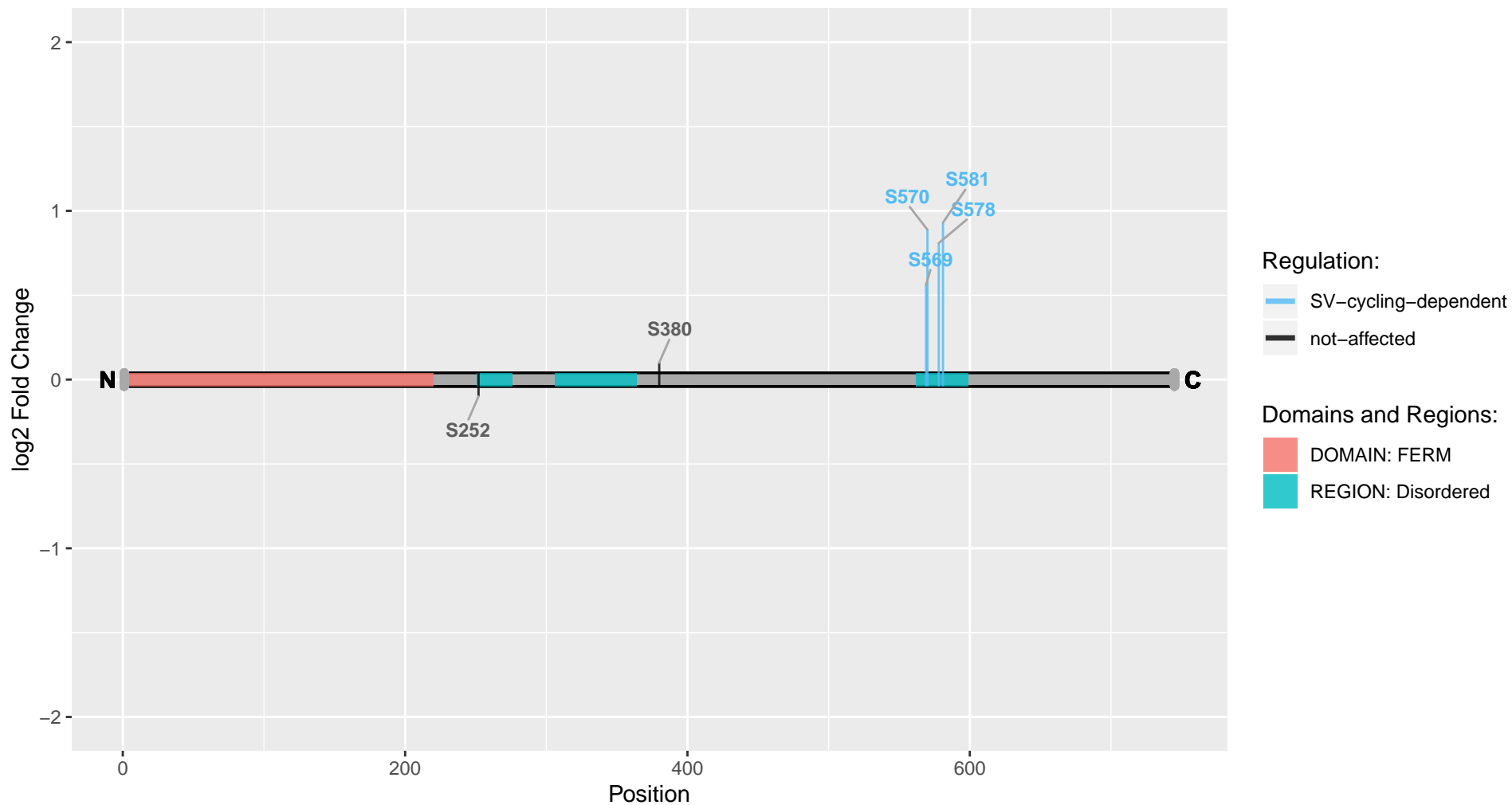
Erythrocyte membrane protein band 4.1-like 4A



Epb41l4b

Uniprot Accession: A0A0G2K3H4

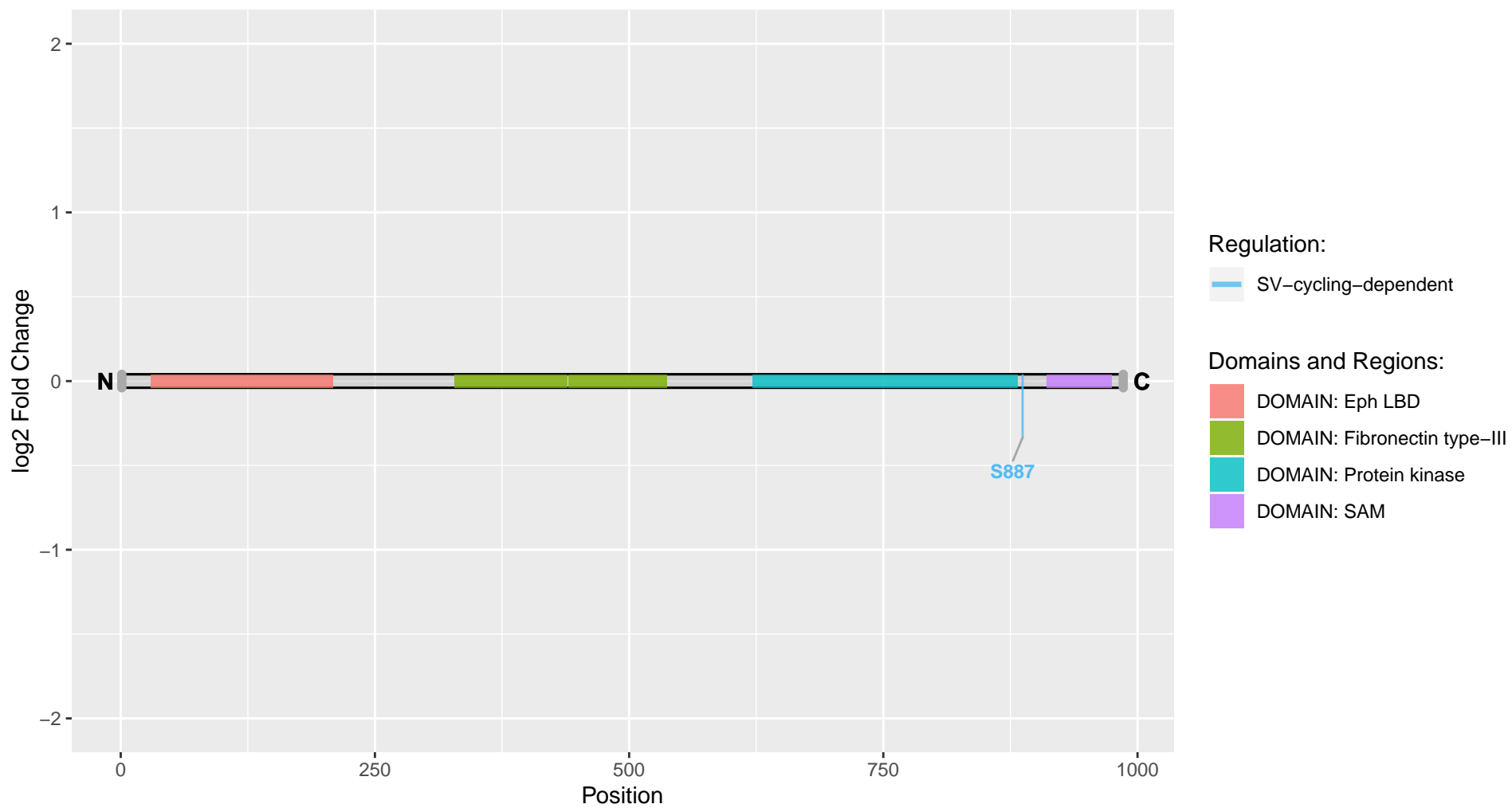
Band 4.1-like protein 4B



Epha4

Uniprot Accession: D3ZZK3

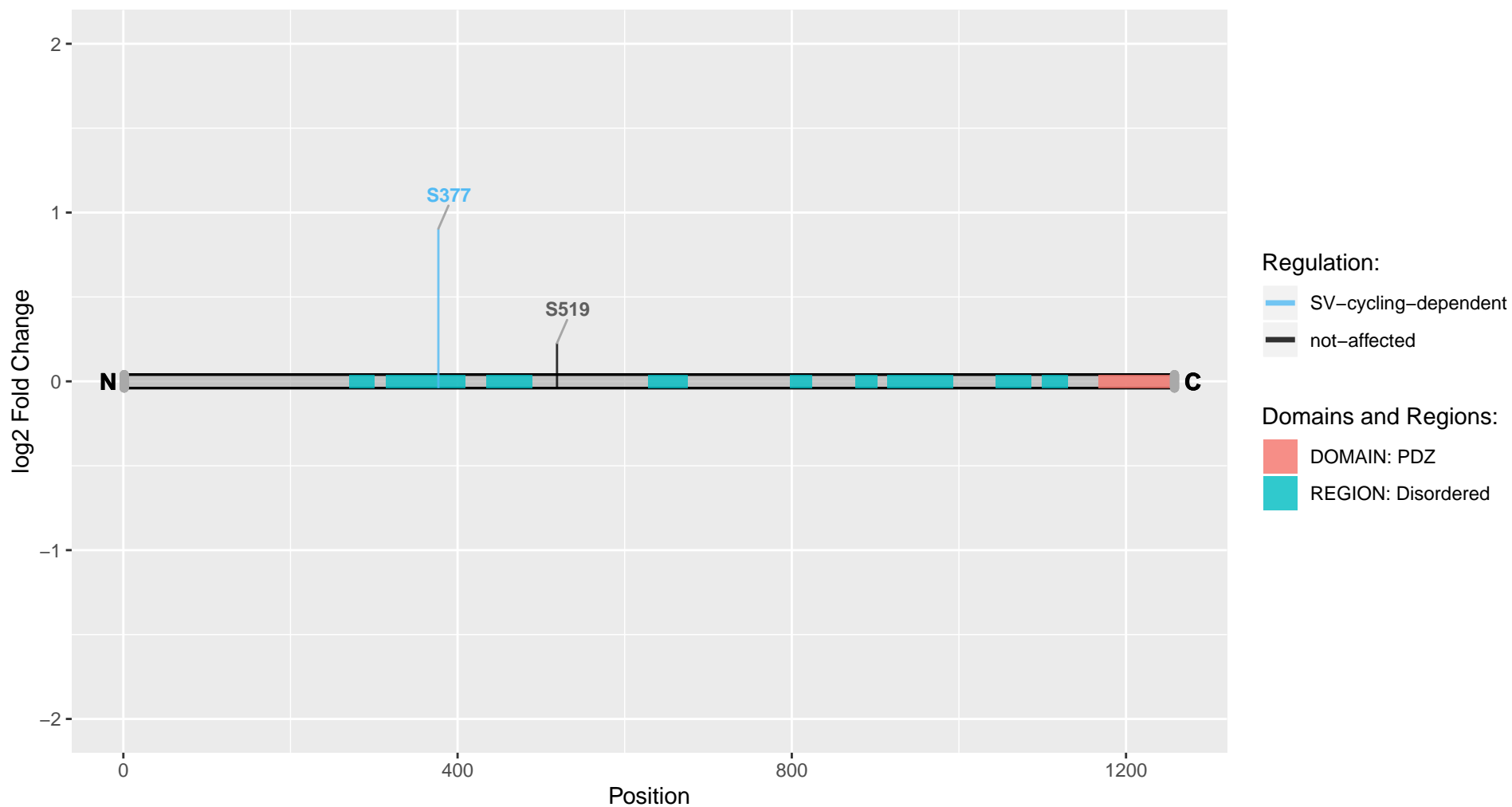
Eph receptor A4



Erbin

Uniprot Accession: M0R9T2

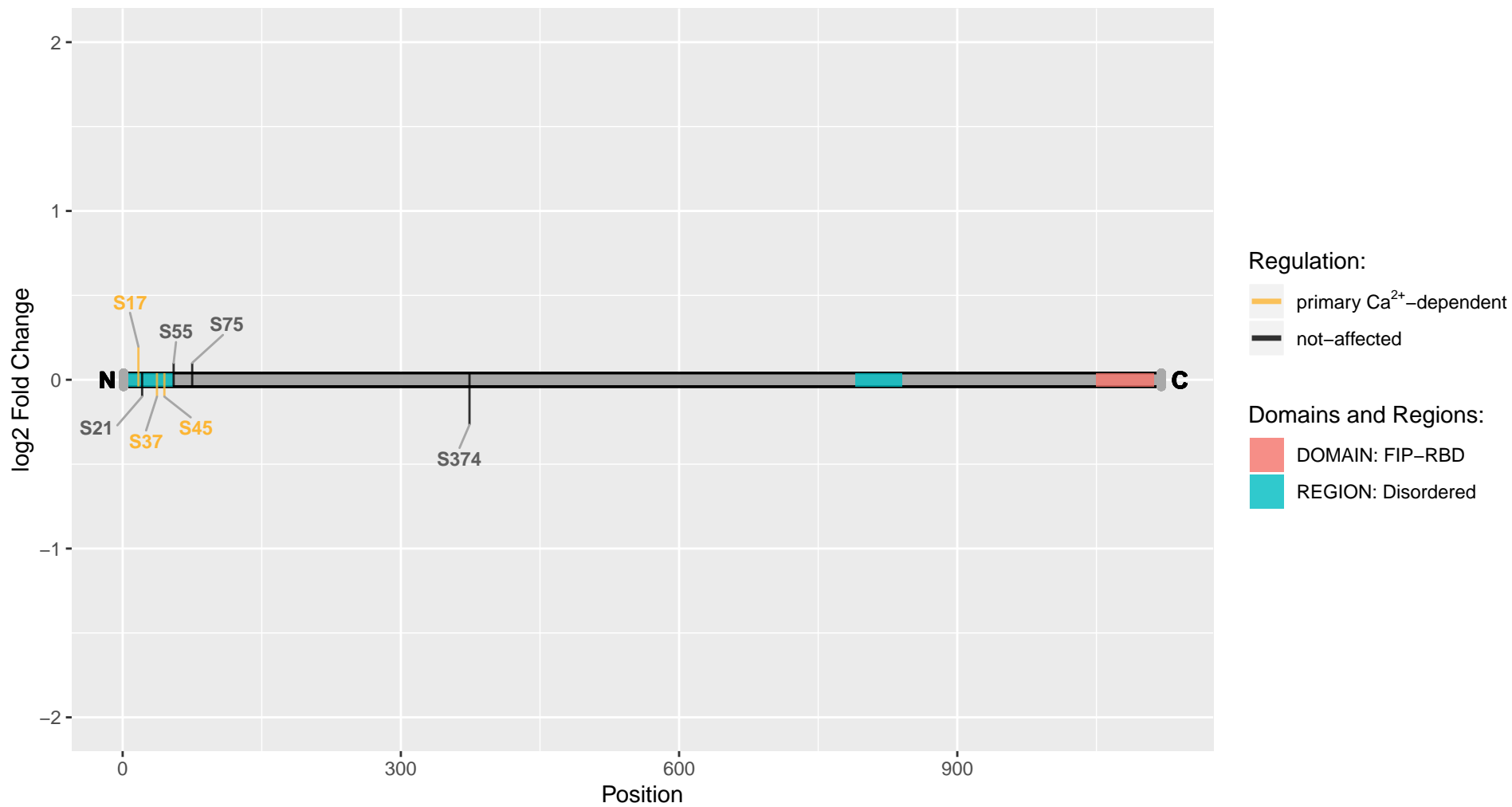
Erbb2-interacting protein



Erc1

Uniprot Accession: A0A0G2JYT1

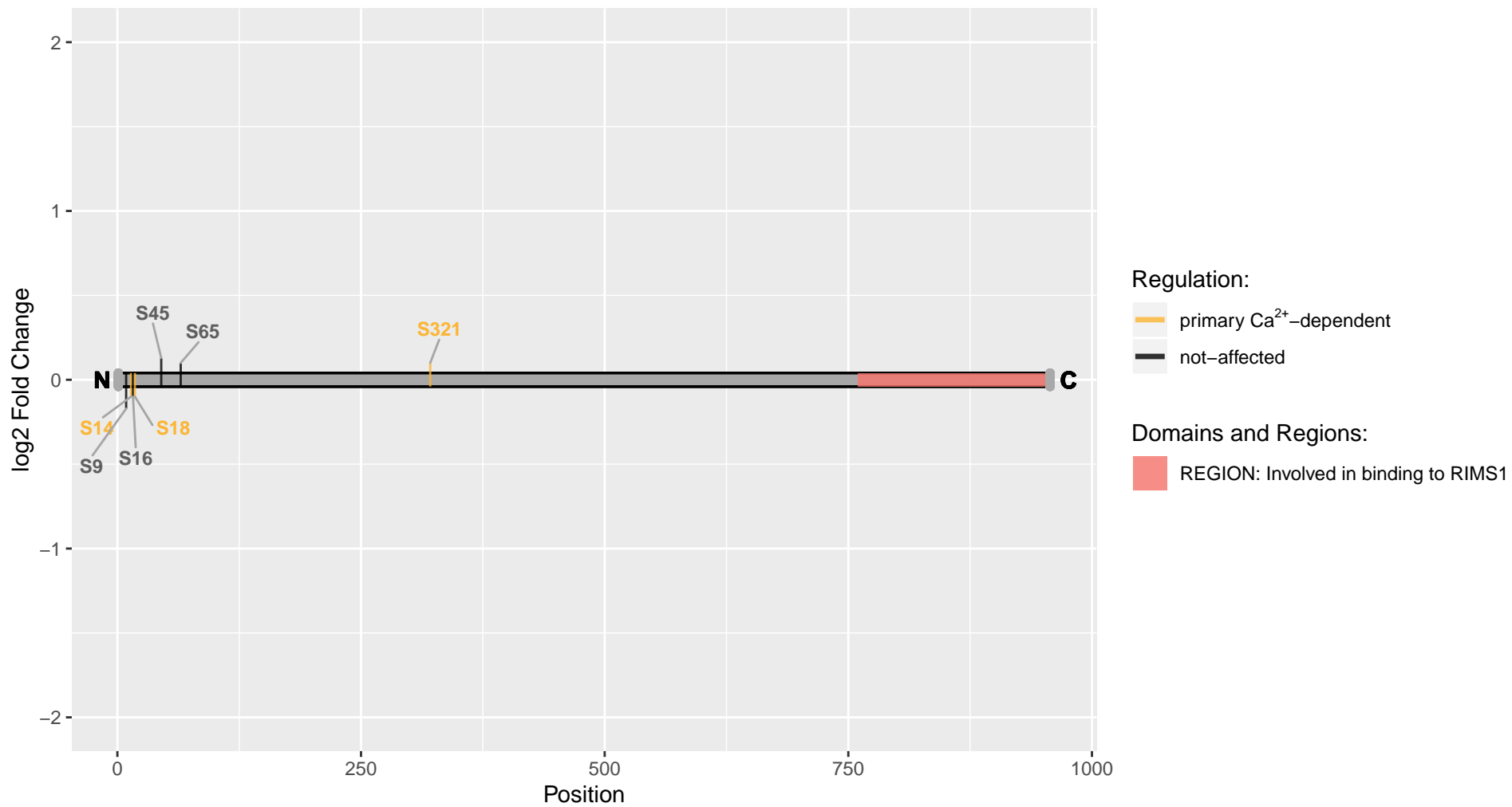
ELKS/Rab6-interacting/CAST family member 1



Erc2

Uniprot Accession: Q8K3M6

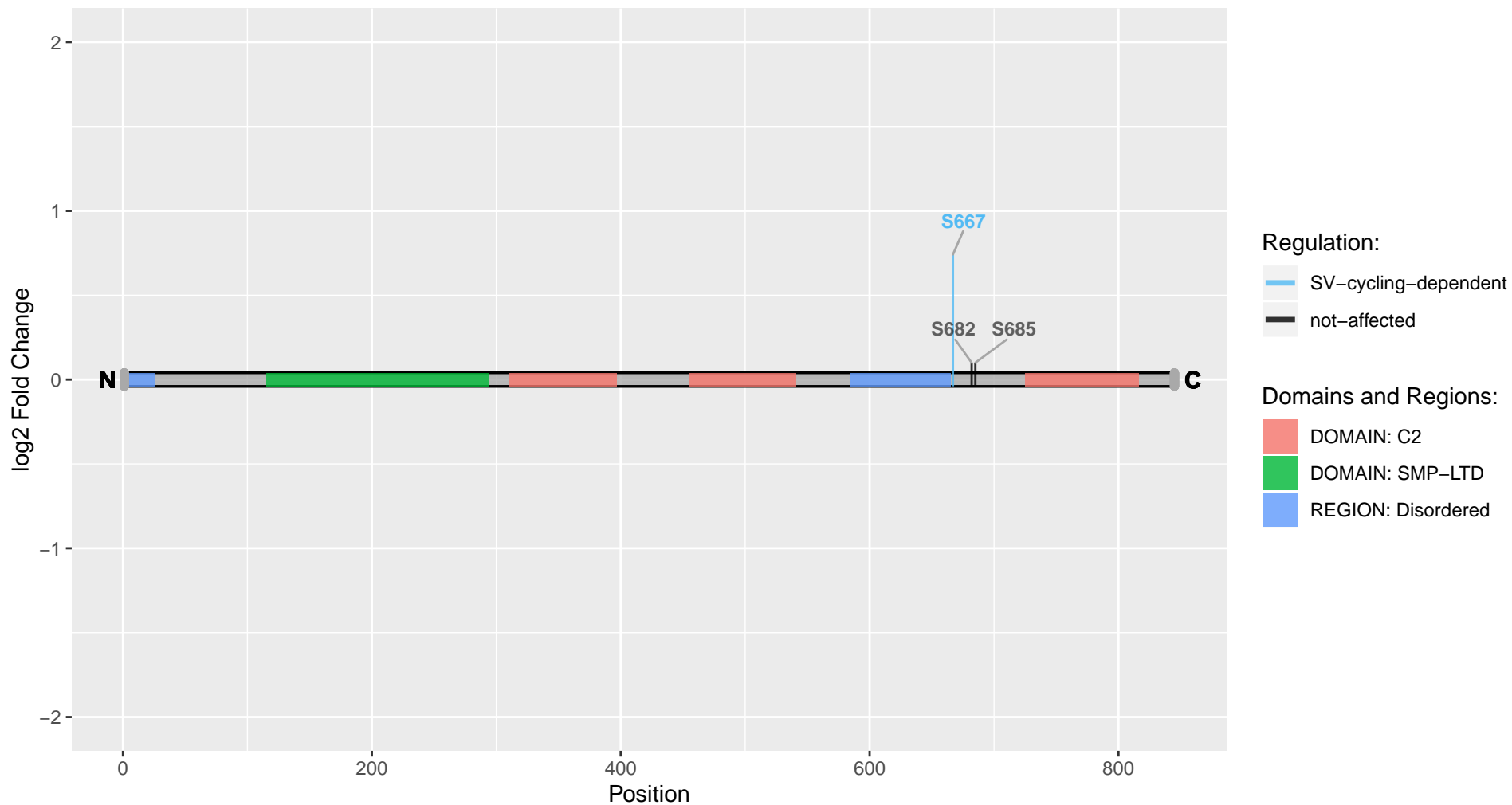
ERC protein 2



Esyt2

Uniprot Accession: D3ZJ32

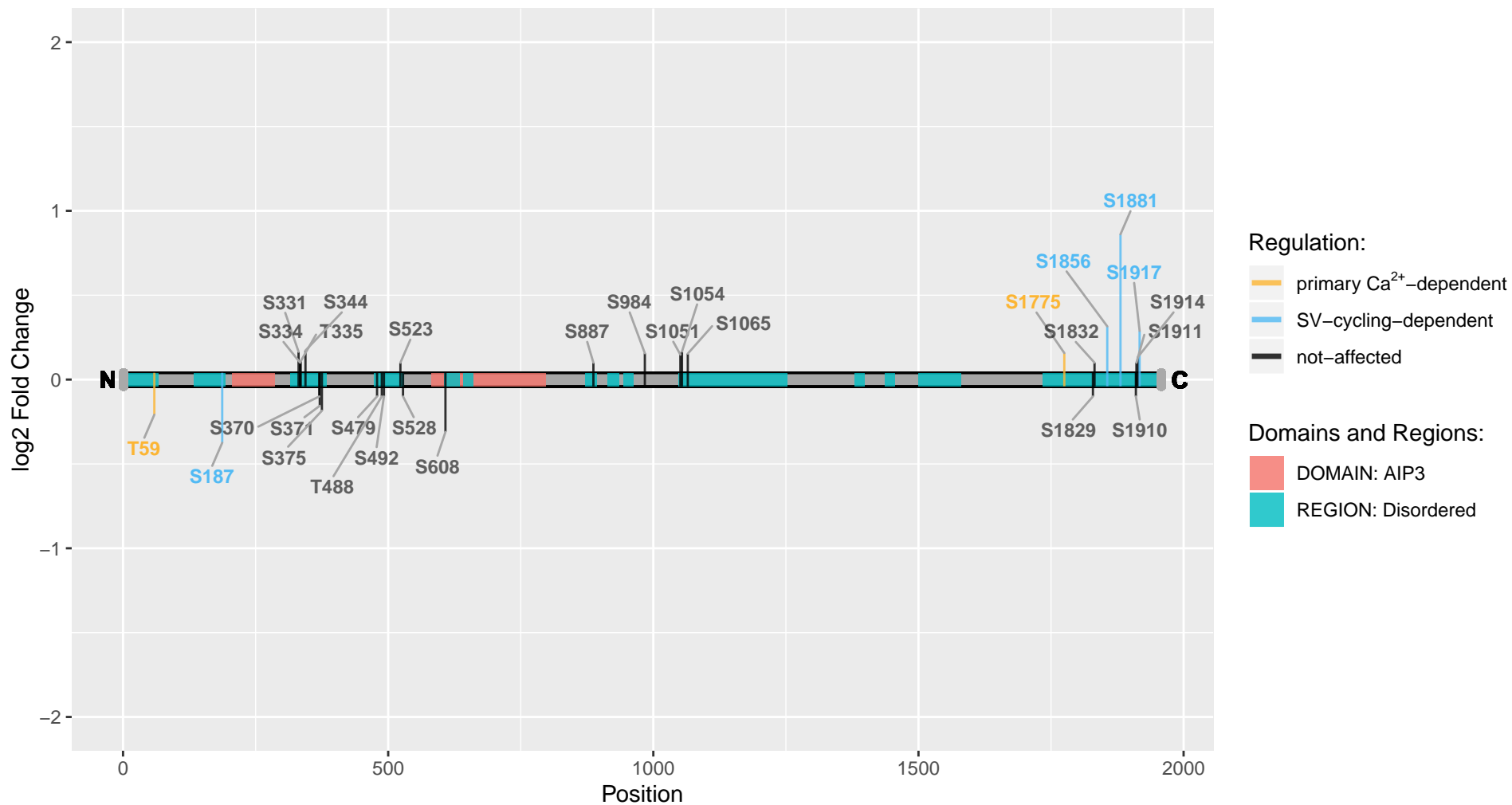
Extended synaptotagmin 2



Etl4

Uniprot Accession: M0R5H1

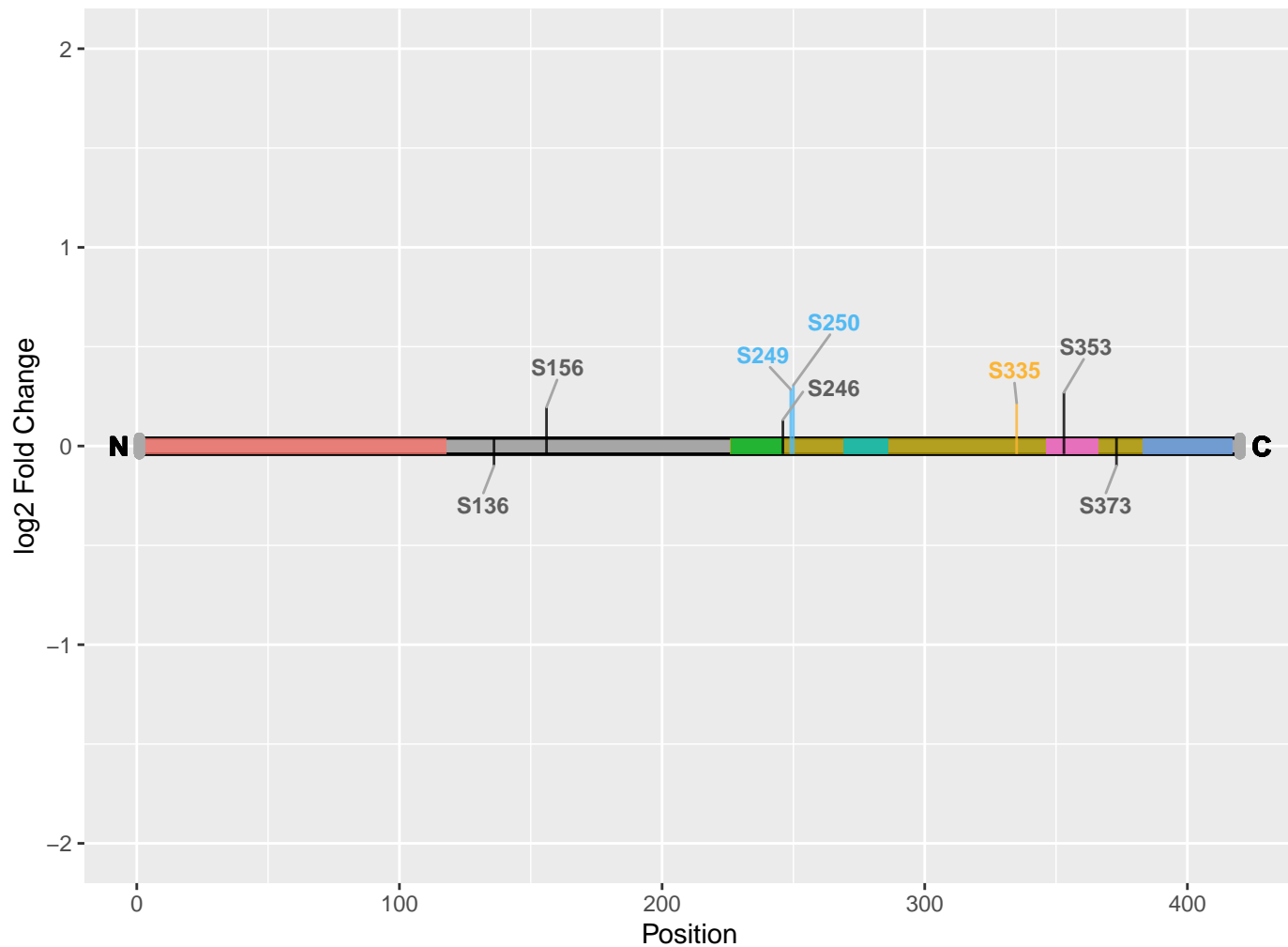
Enhancer trap locus 4



Evl

Uniprot Accession: O08719

Ena/VASP-like protein



Regulation:

- primary Ca²⁺-dependent
- SV-cycling-dependent
- not-affected

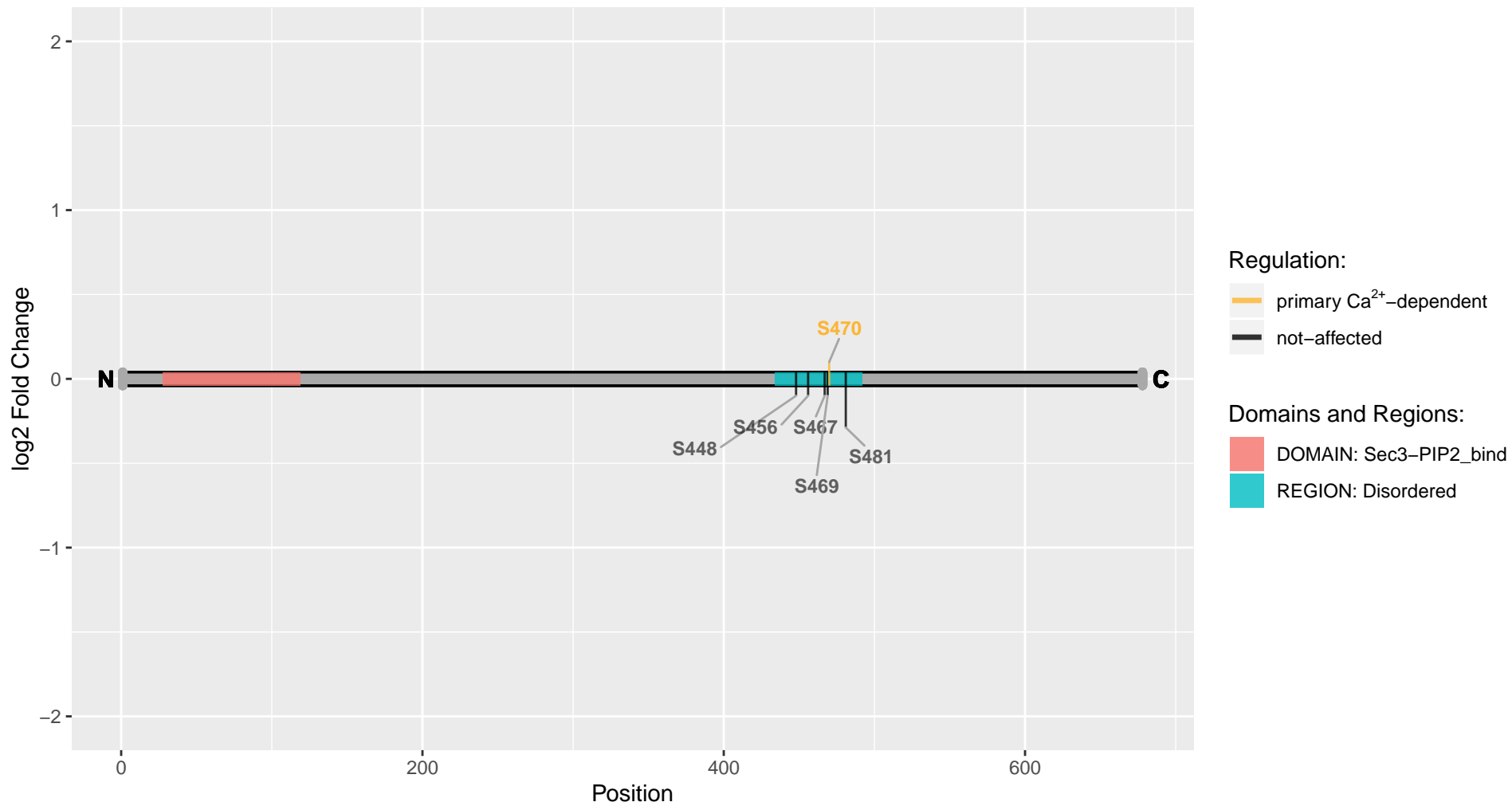
Domains and Regions:

- DOMAIN: WH1
- REGION: EVH2
- REGION: EVH2 block A
- REGION: EVH2 block B
- REGION: EVH2 block C
- REGION: Required for interaction with ZDHHC17

Exoc1

Uniprot Accession: A0A0G2JYT4

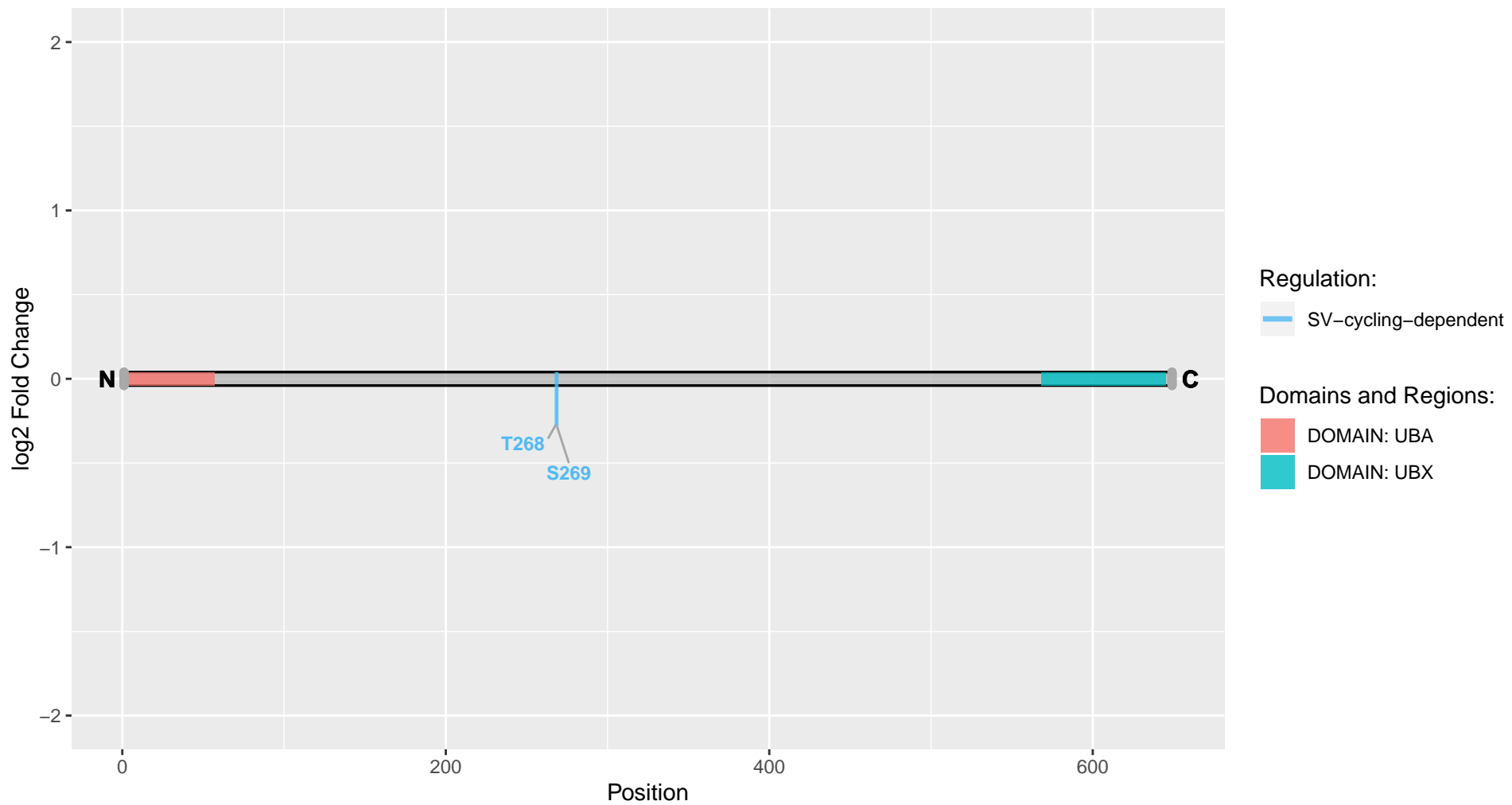
Exocyst complex component 1



Faf1

Uniprot Accession: Q924K2

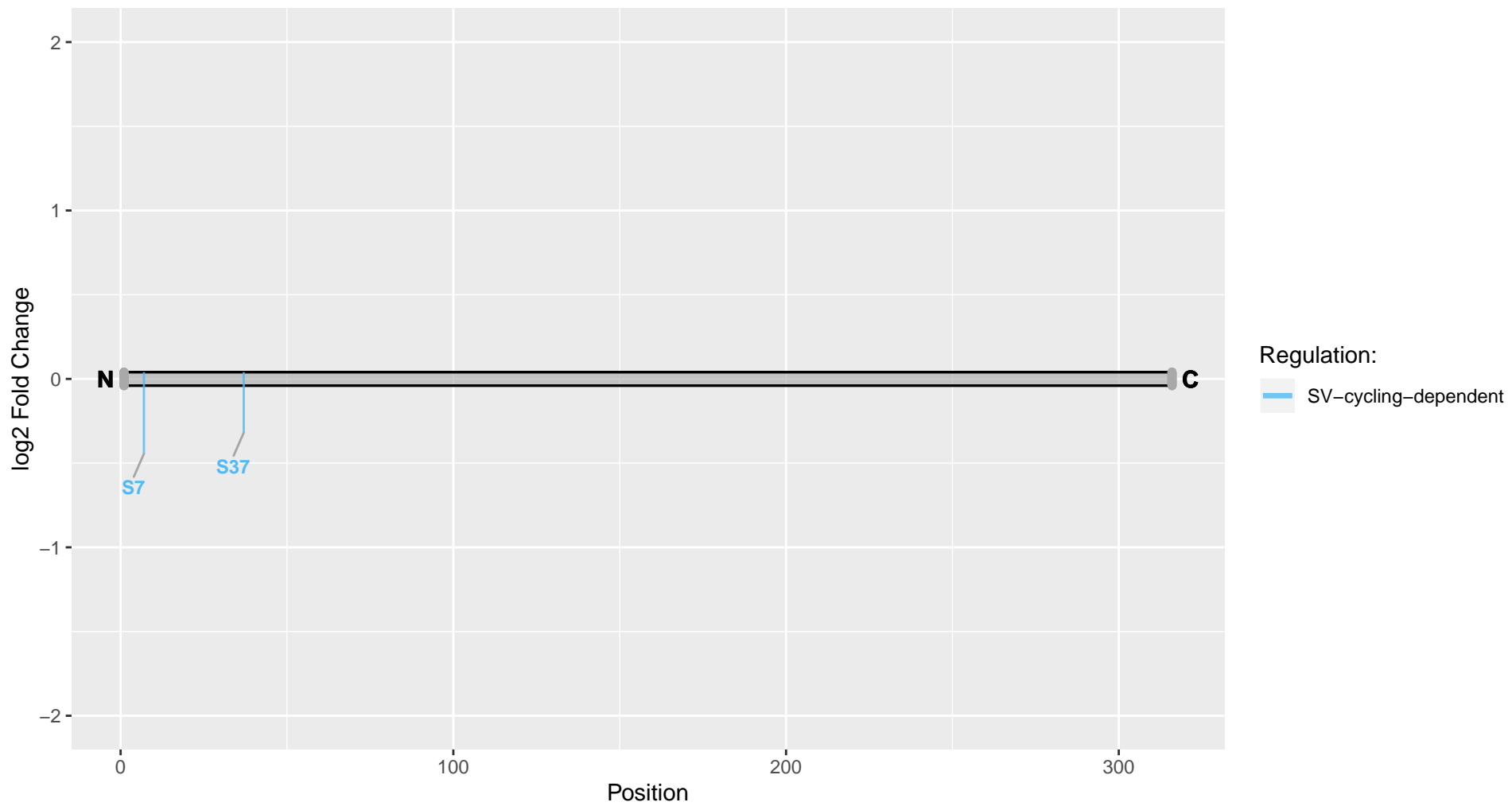
FAS-associated factor 1



Faim2

Uniprot Accession: O88407

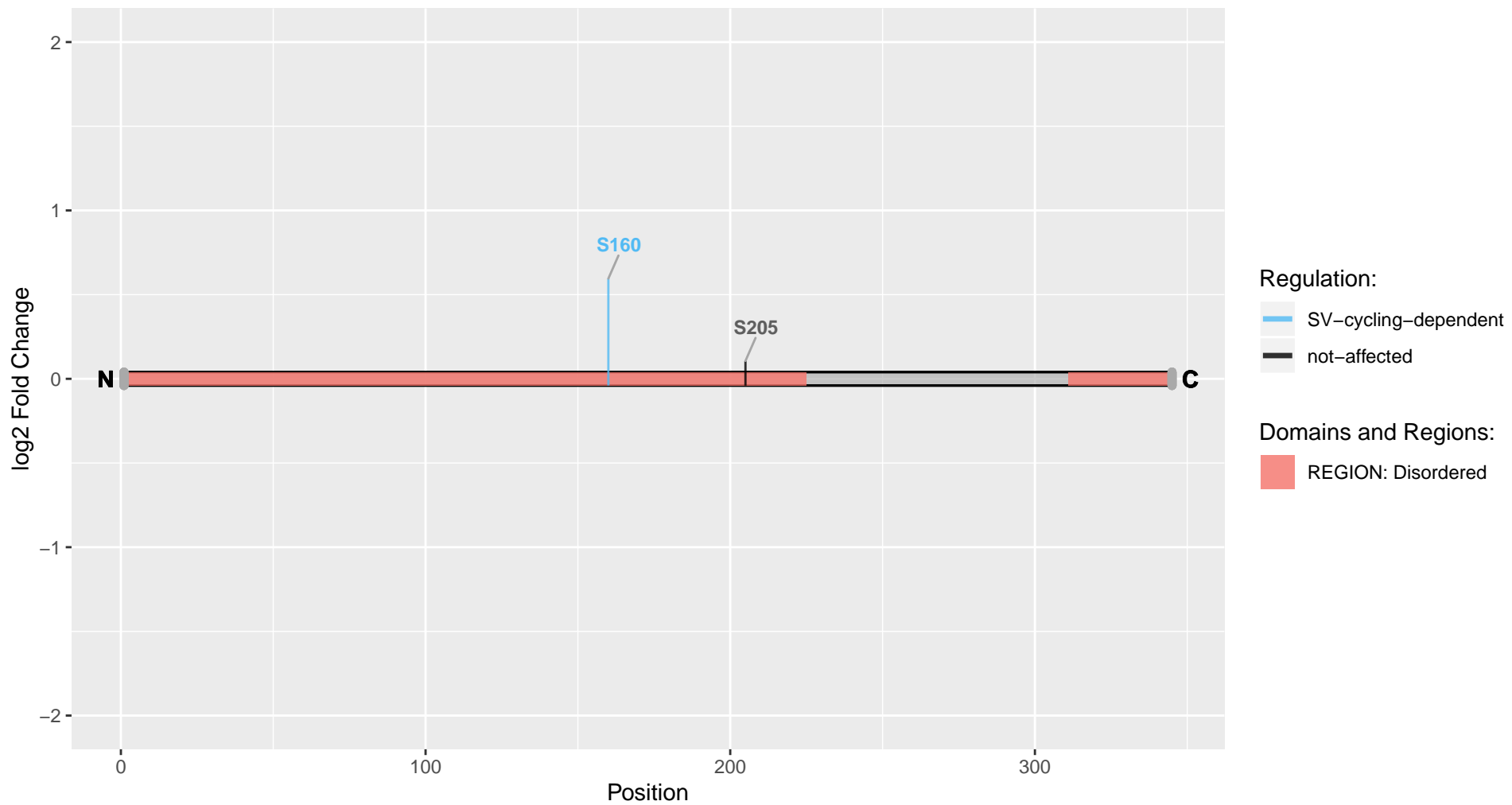
Protein lifeguard 2



Fam117b

Uniprot Accession: F1M8D5

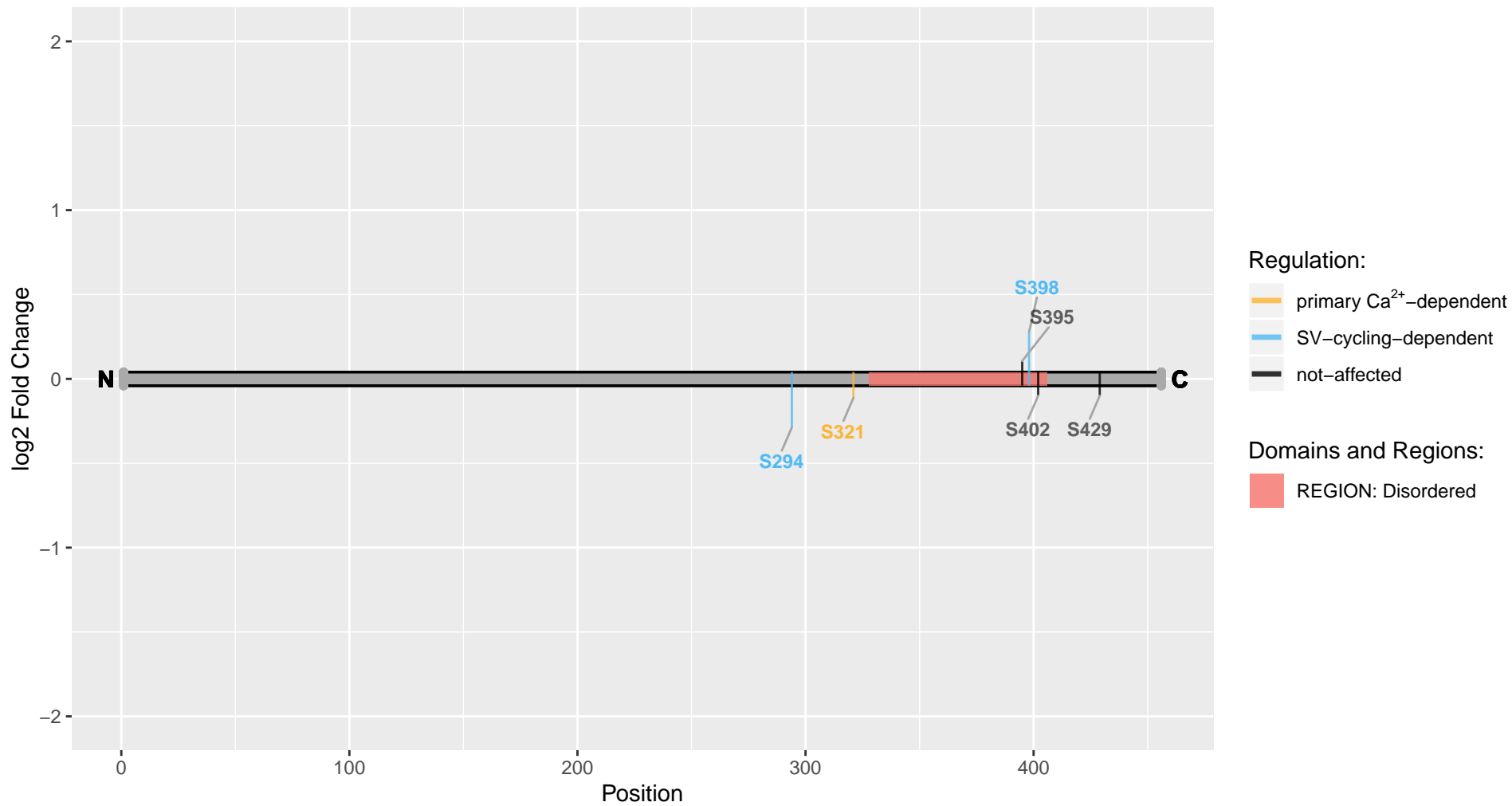
Amyotrophic lateral sclerosis 2 (Juvenile) chromosome region, candidate 13 (Predicted)



Fam126b

Uniprot Accession: Q4V7D4

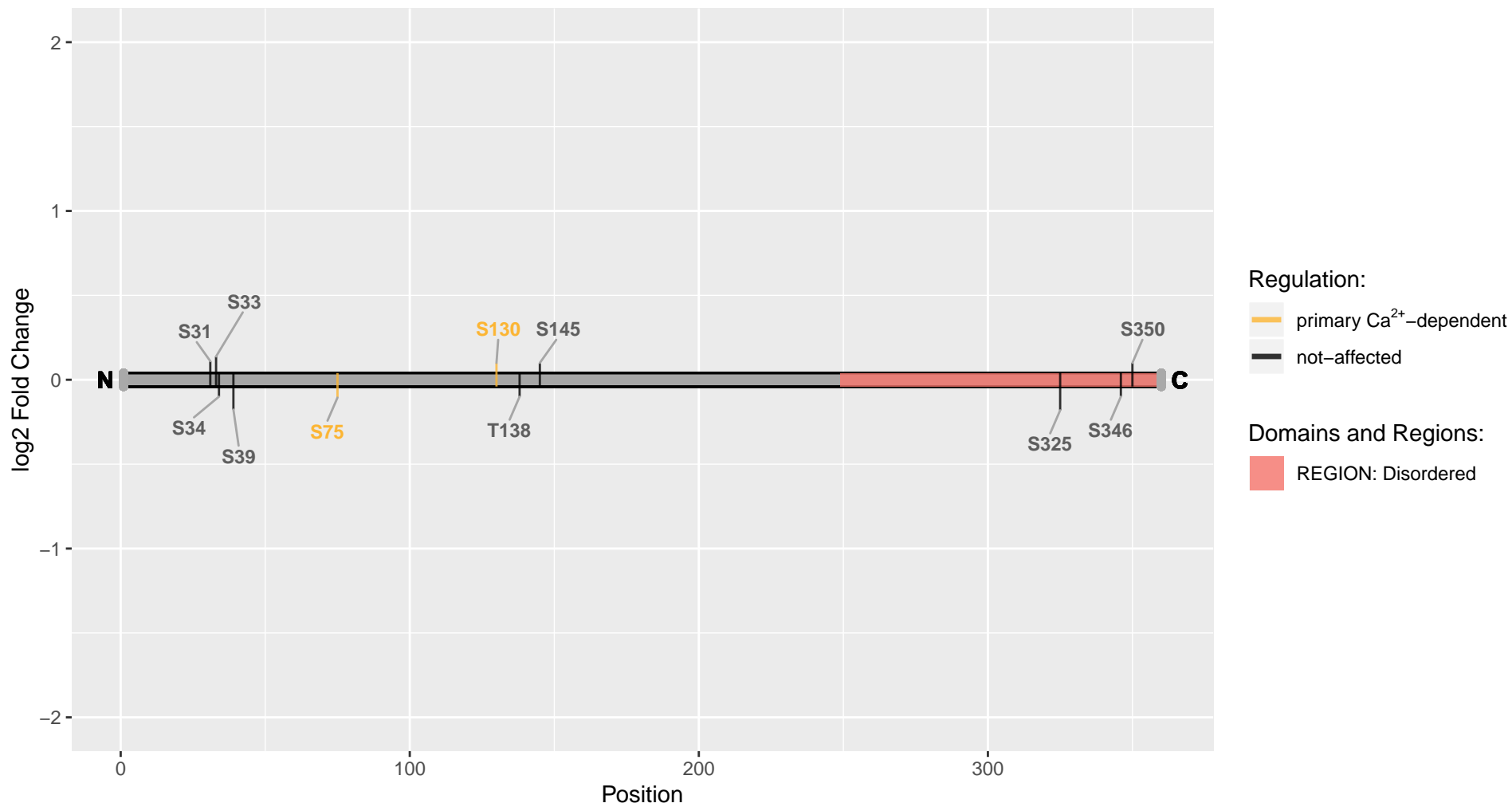
Family with sequence similarity 126, member B



Fam131b

Uniprot Accession: F8WFH6

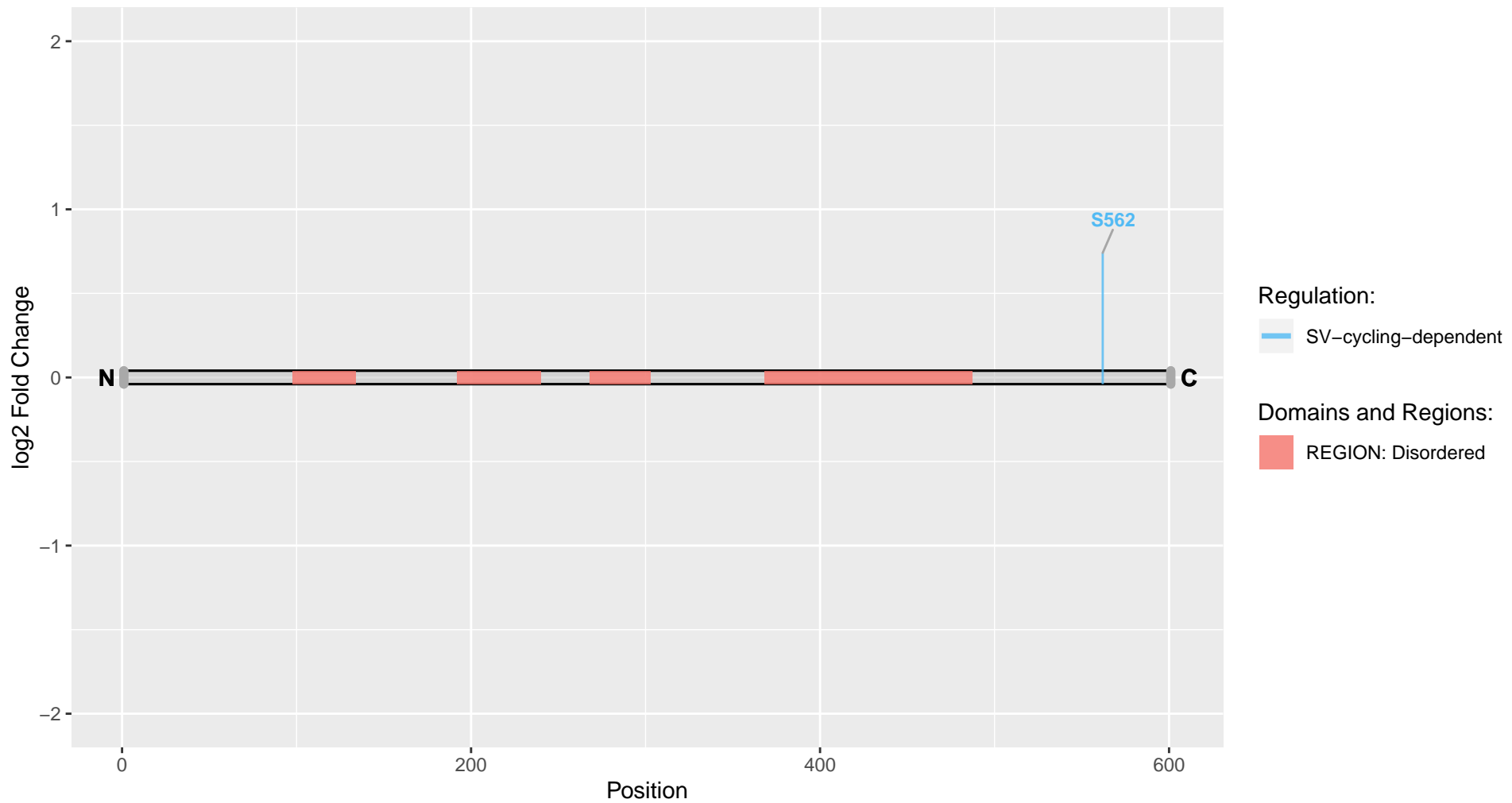
Protein FAM131B



Fam13c

Uniprot Accession: F1LUC1

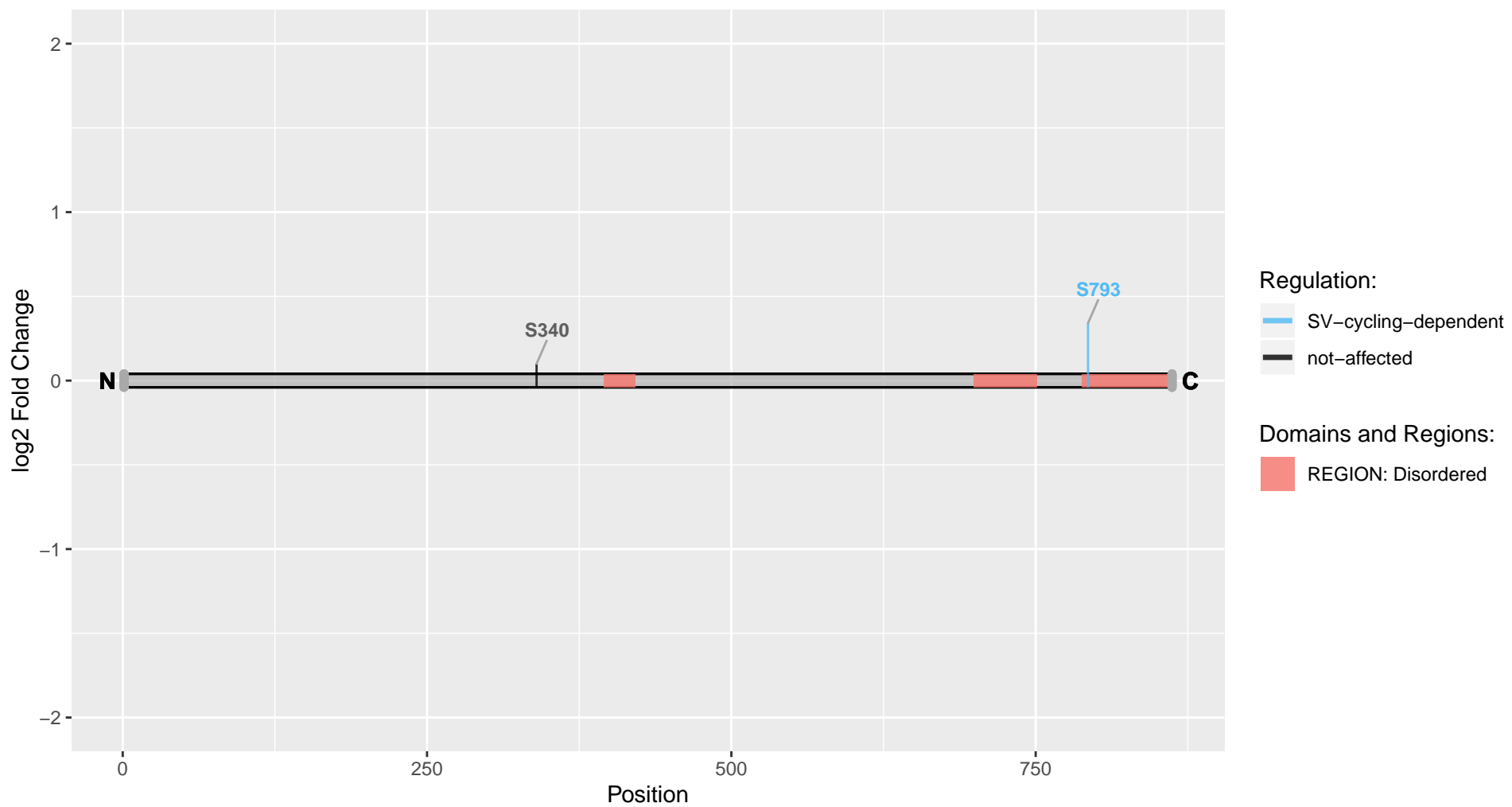
Family with sequence similarity 13, member C



Fam171a1

Uniprot Accession: D4A7Y4

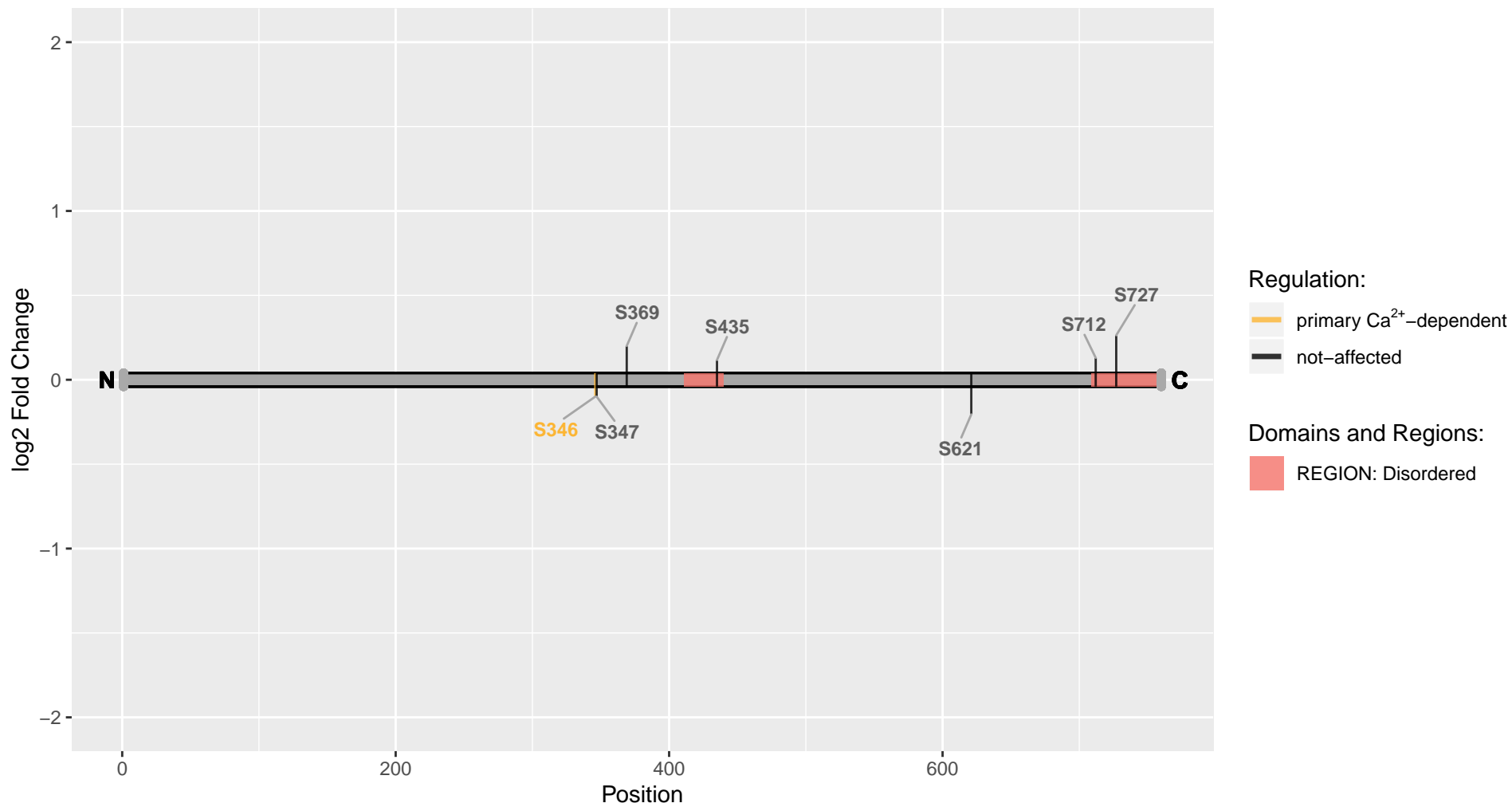
Family with sequence similarity 171, member A1



Fam171b

Uniprot Accession: D3ZTG3

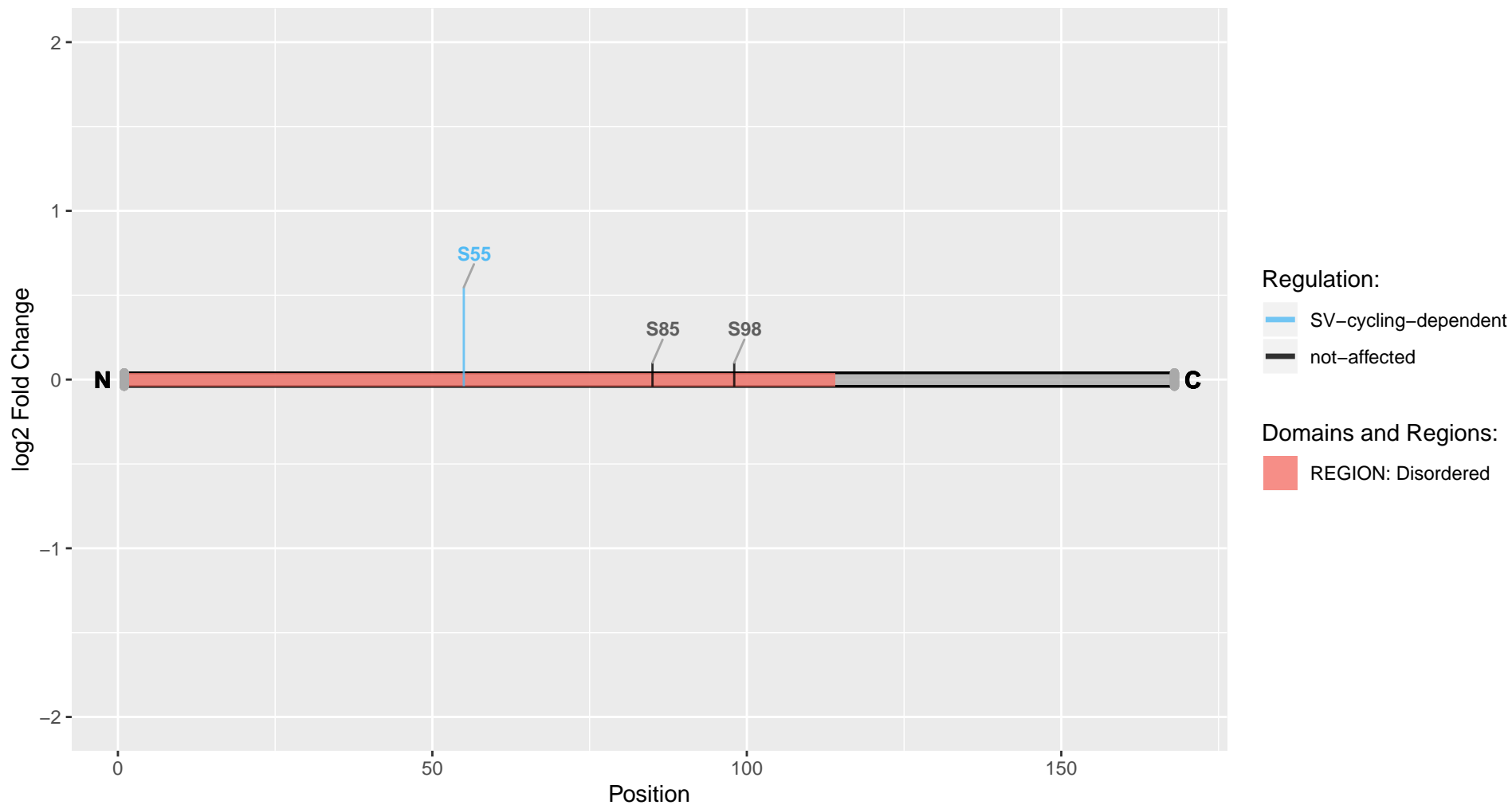
Family with sequence similarity 171, member B



Fam219a

Uniprot Accession: D4AAI7

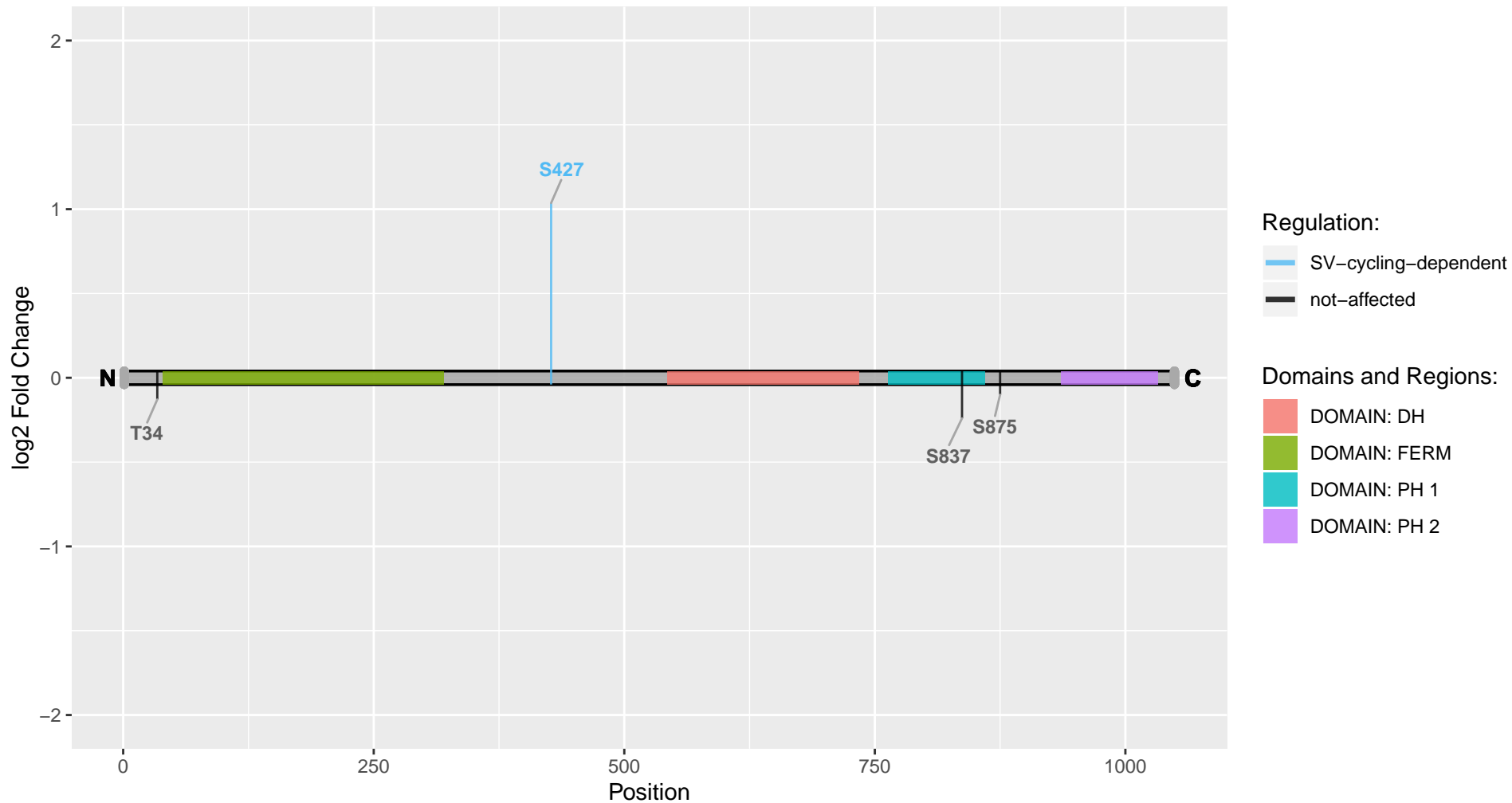
Family with sequence similarity 219, member A



Farp1

Uniprot Accession: F1LYQ8

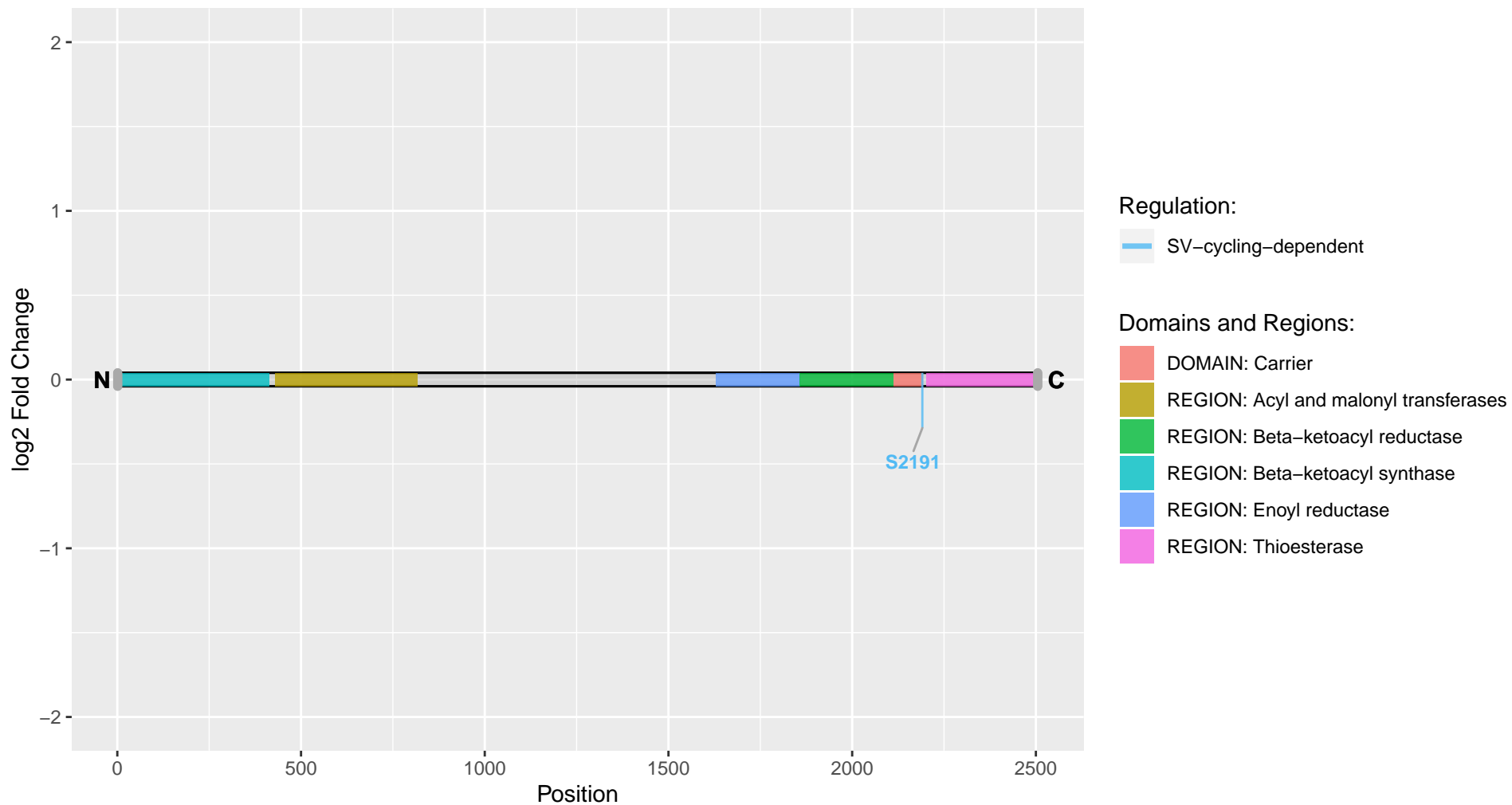
FERM, ARHGEF and pleckstrin domain-containing protein 1



Fasn

Uniprot Accession: P12785

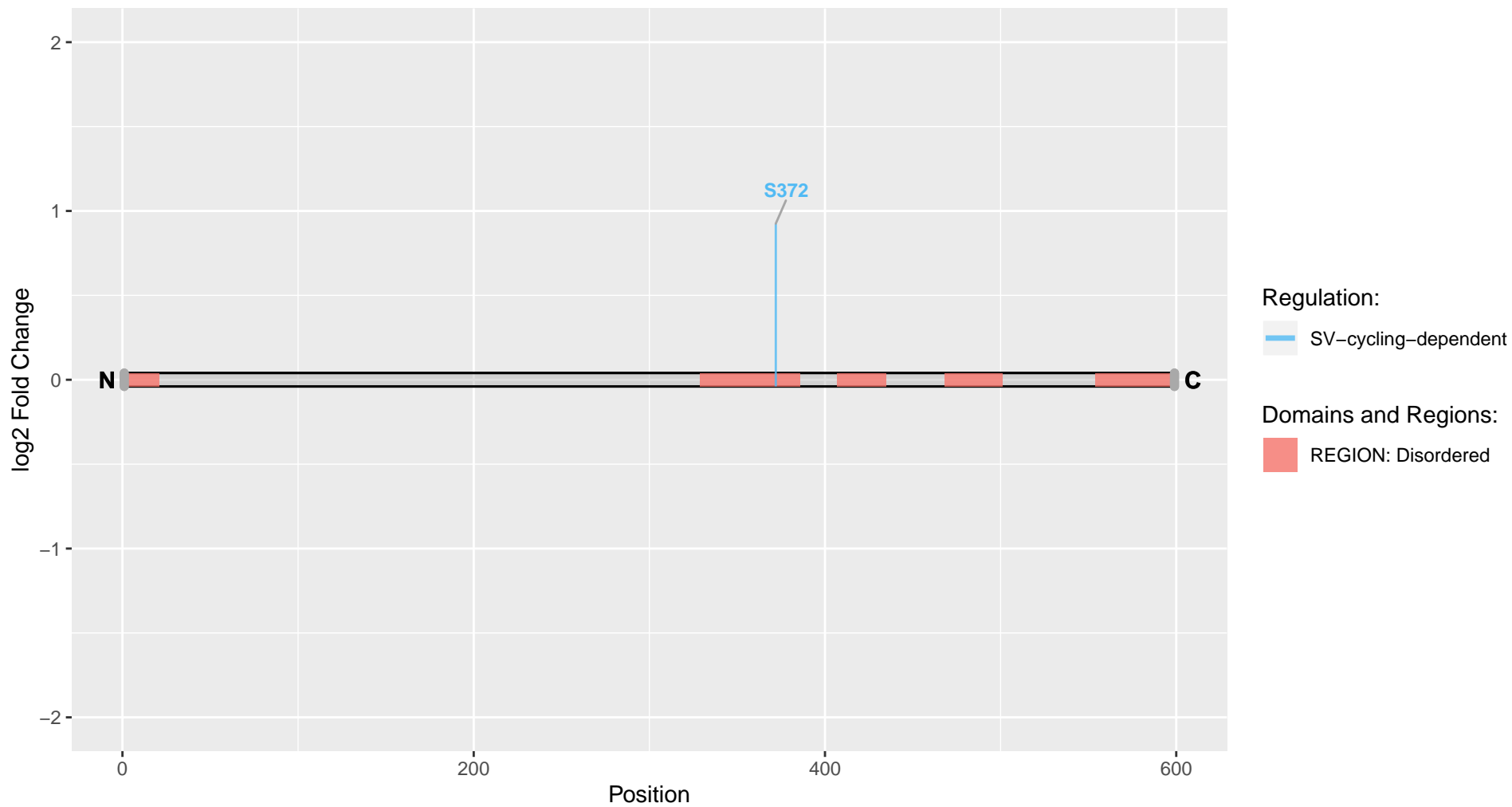
Fatty acid synthase



Fbrs1

Uniprot Accession: D3Z858

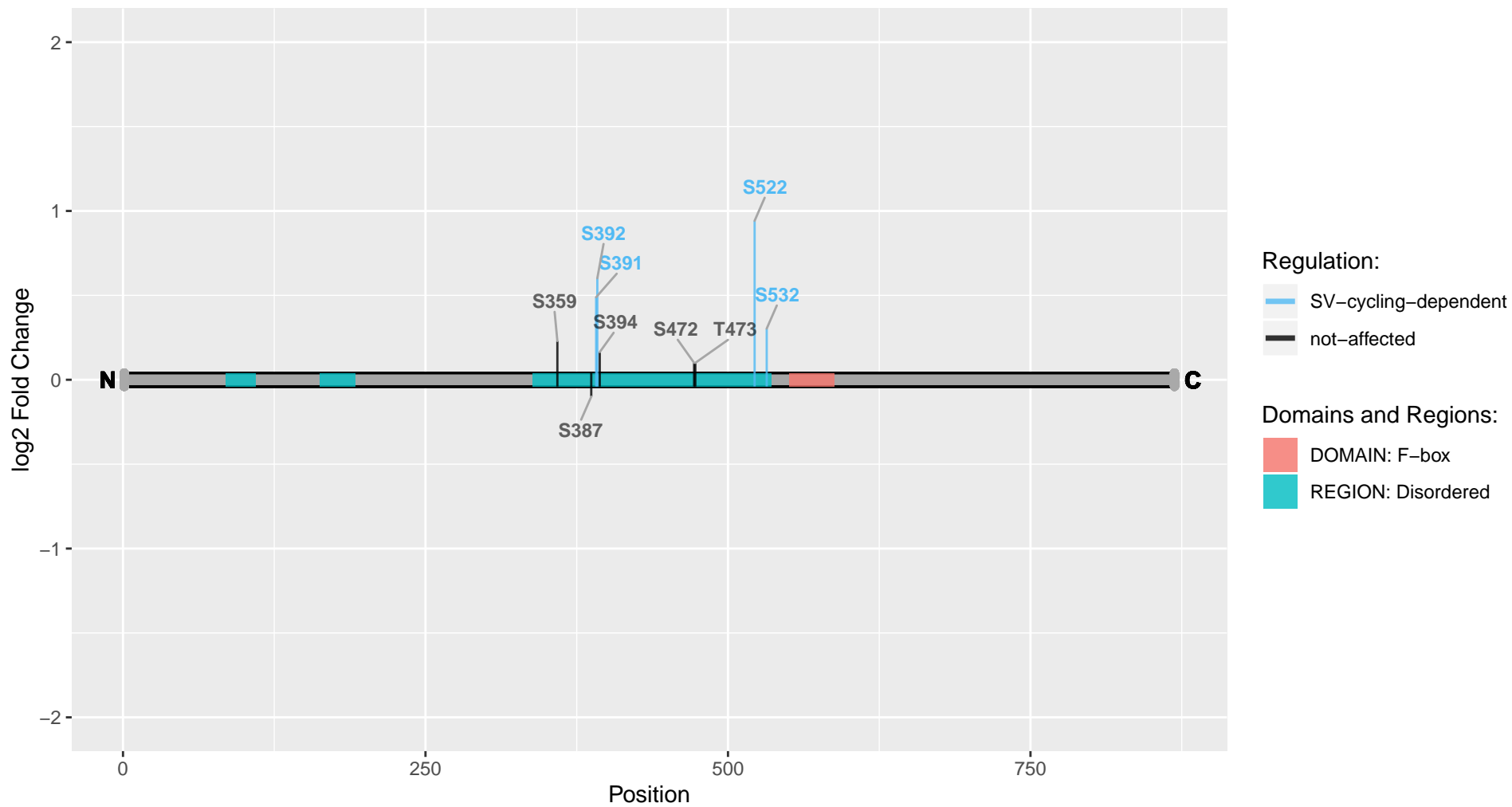
Fibrosin-like 1



Fbxo41

Uniprot Accession: A0A0G2K9A9

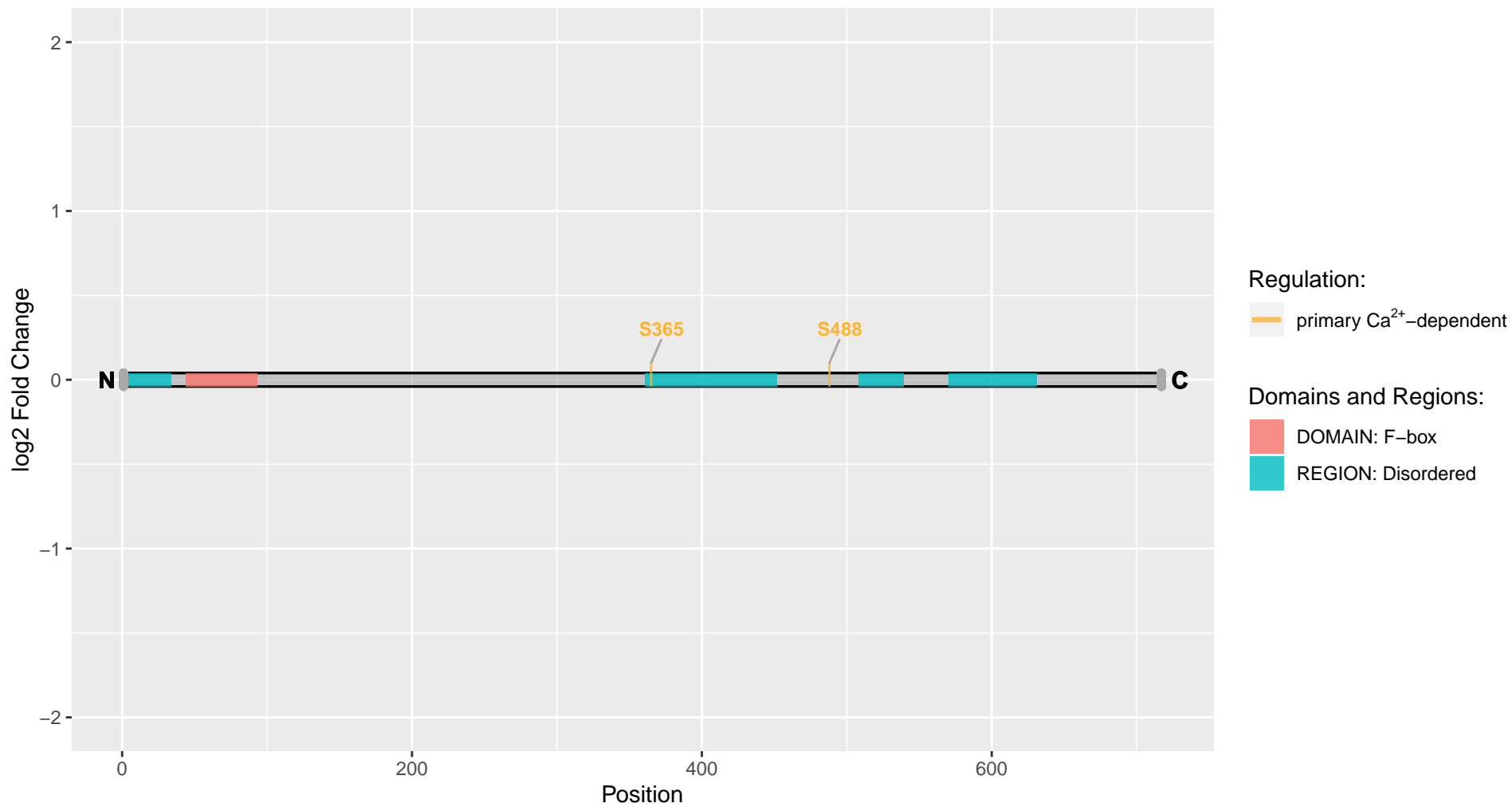
F-box protein 41



Fbxo42

Uniprot Accession: A0A0G2JTS9

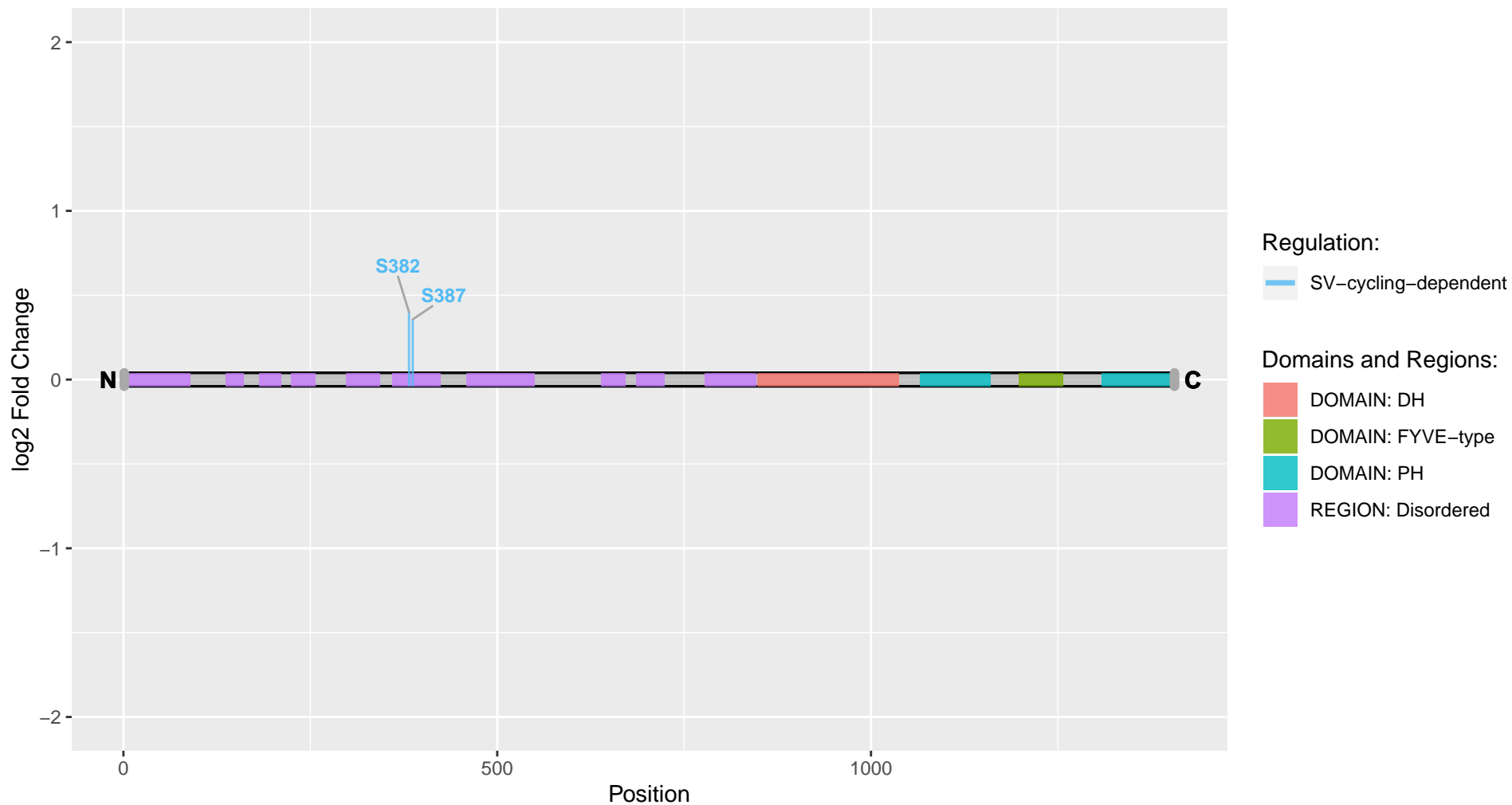
F-box protein 42



Fgd6

Uniprot Accession: A0A0G2K7L6

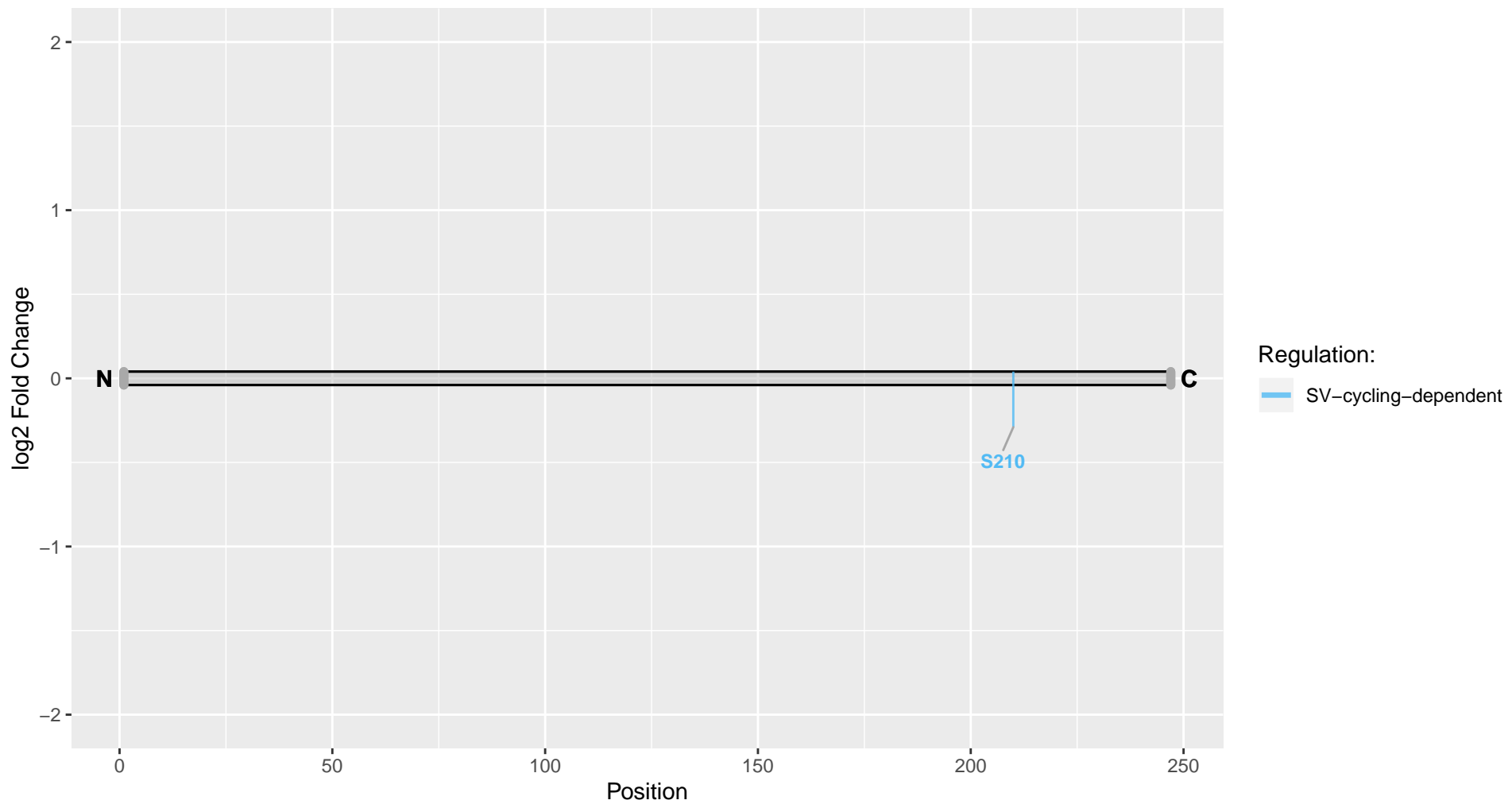
FYVE, RhoGEF and PH domain-containing 6



Fgf14

Uniprot Accession: Q8R5L7

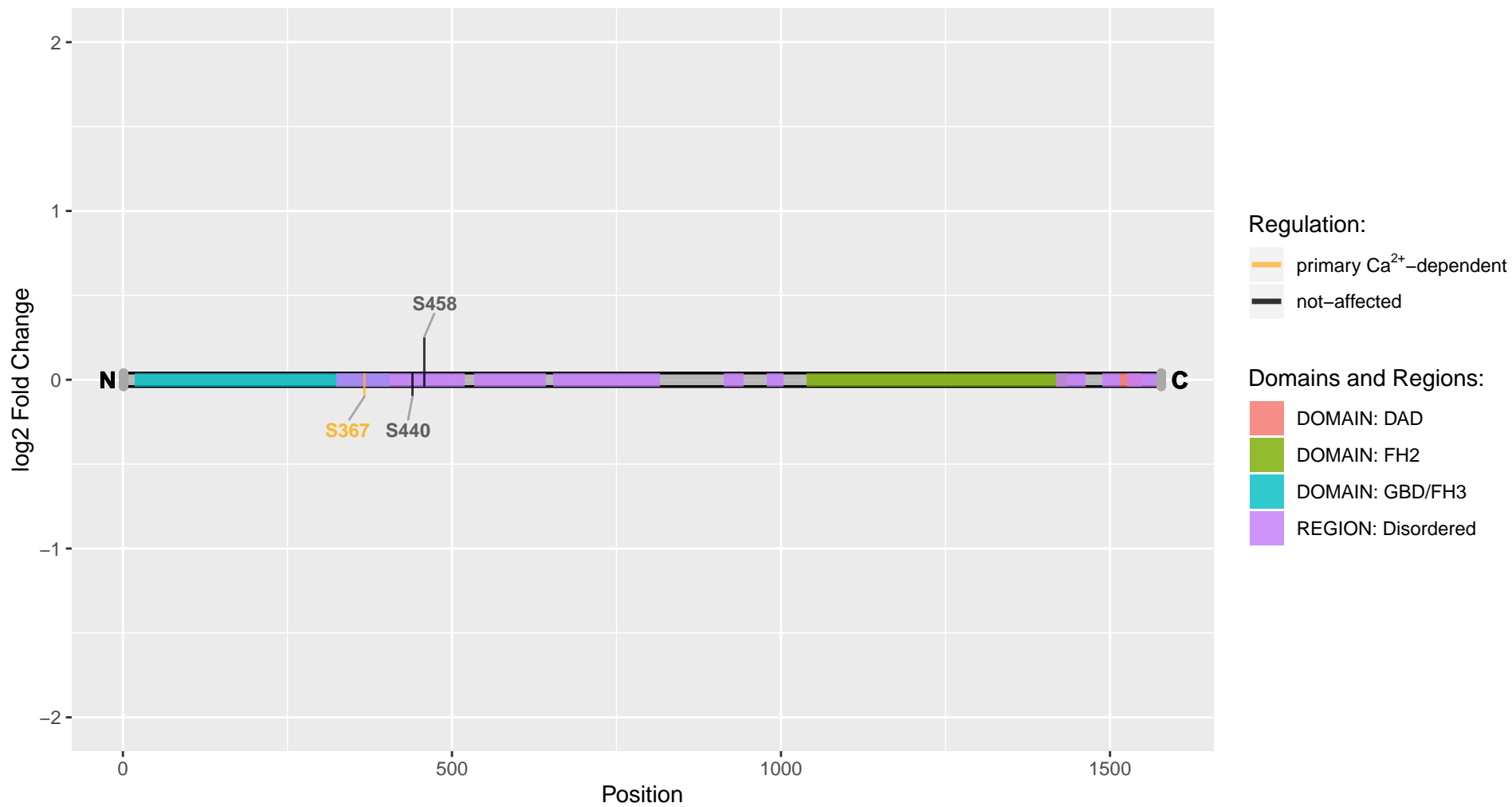
Fibroblast growth factor 14



Fhod3

Uniprot Accession: F1LQJ2

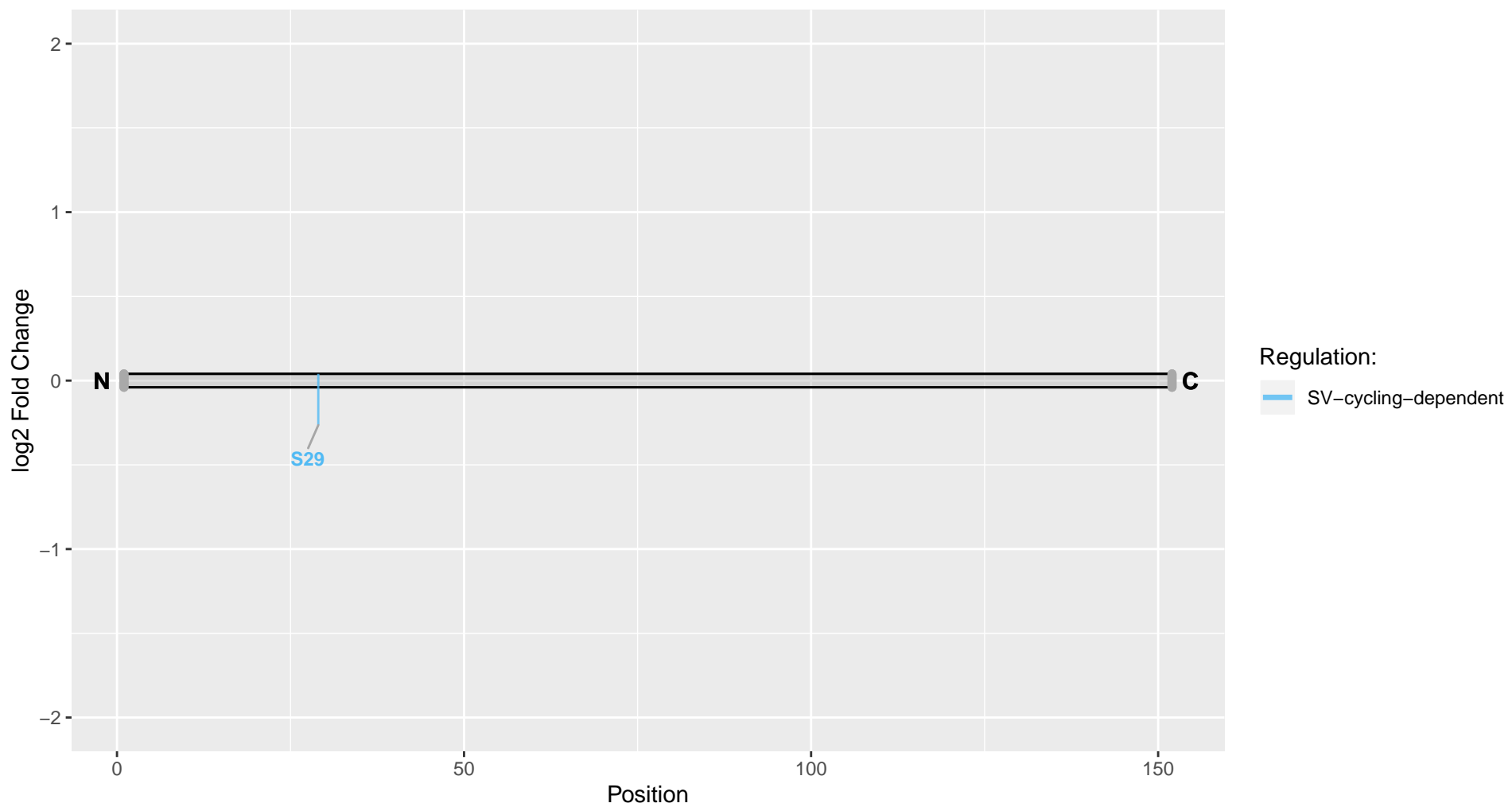
Formin homology 2 domain-containing 3



Fis1

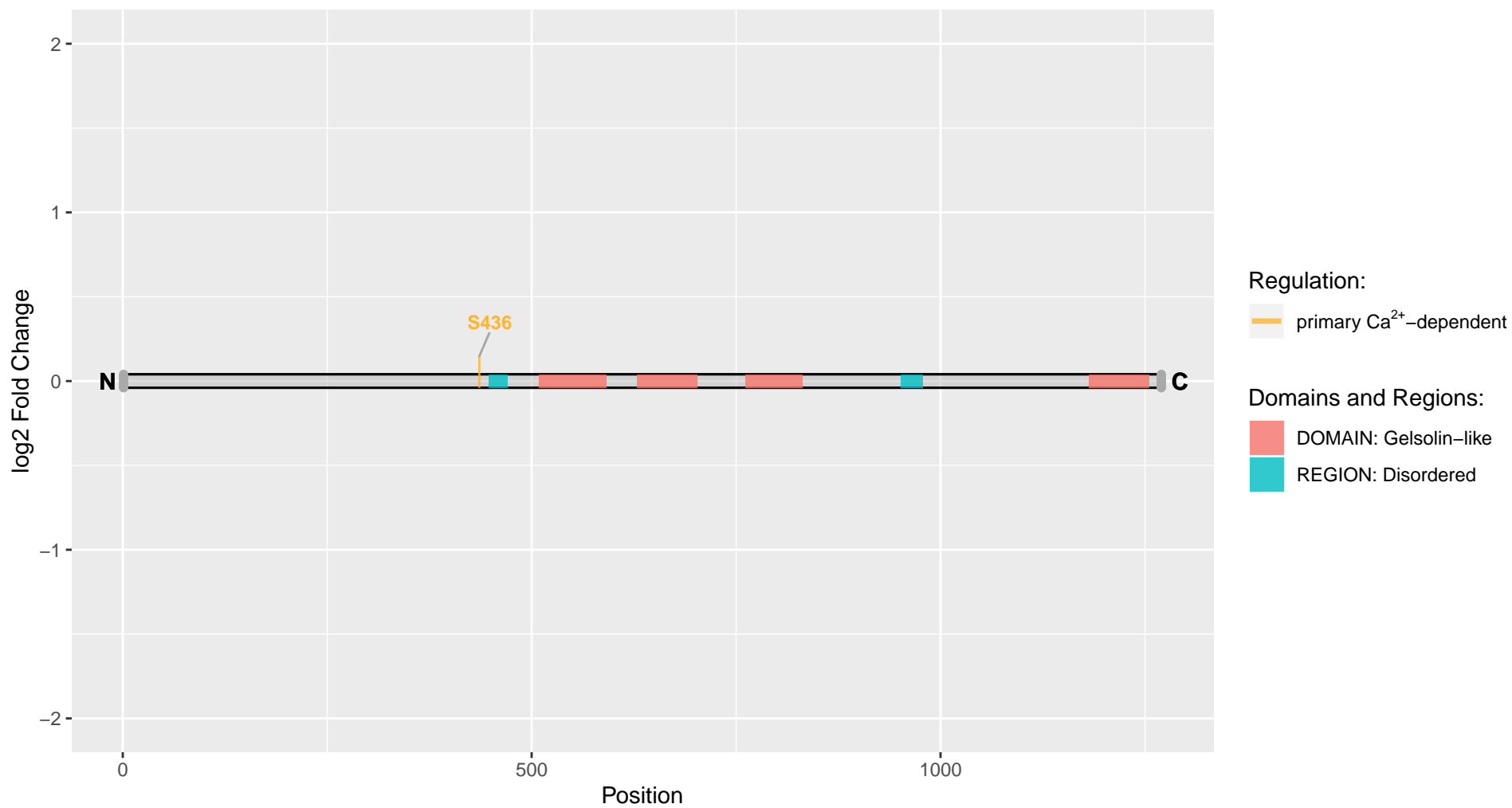
Uniprot Accession: P84817

Mitochondrial fission 1 protein



Flii

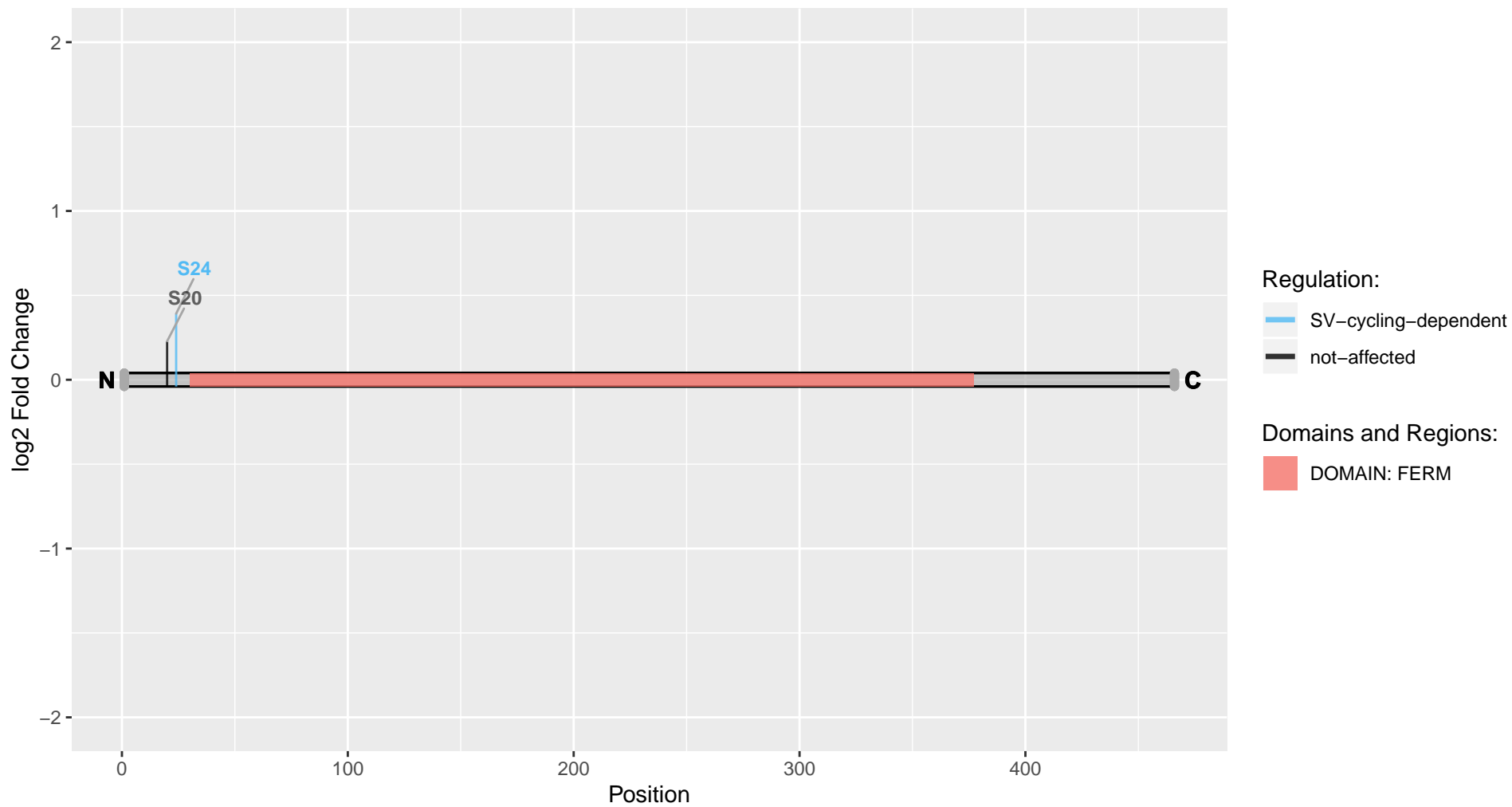
Uniprot Accession: Q5RKI5
FLII, actin-remodeling protein



Frmd8

Uniprot Accession: Q5U2R3

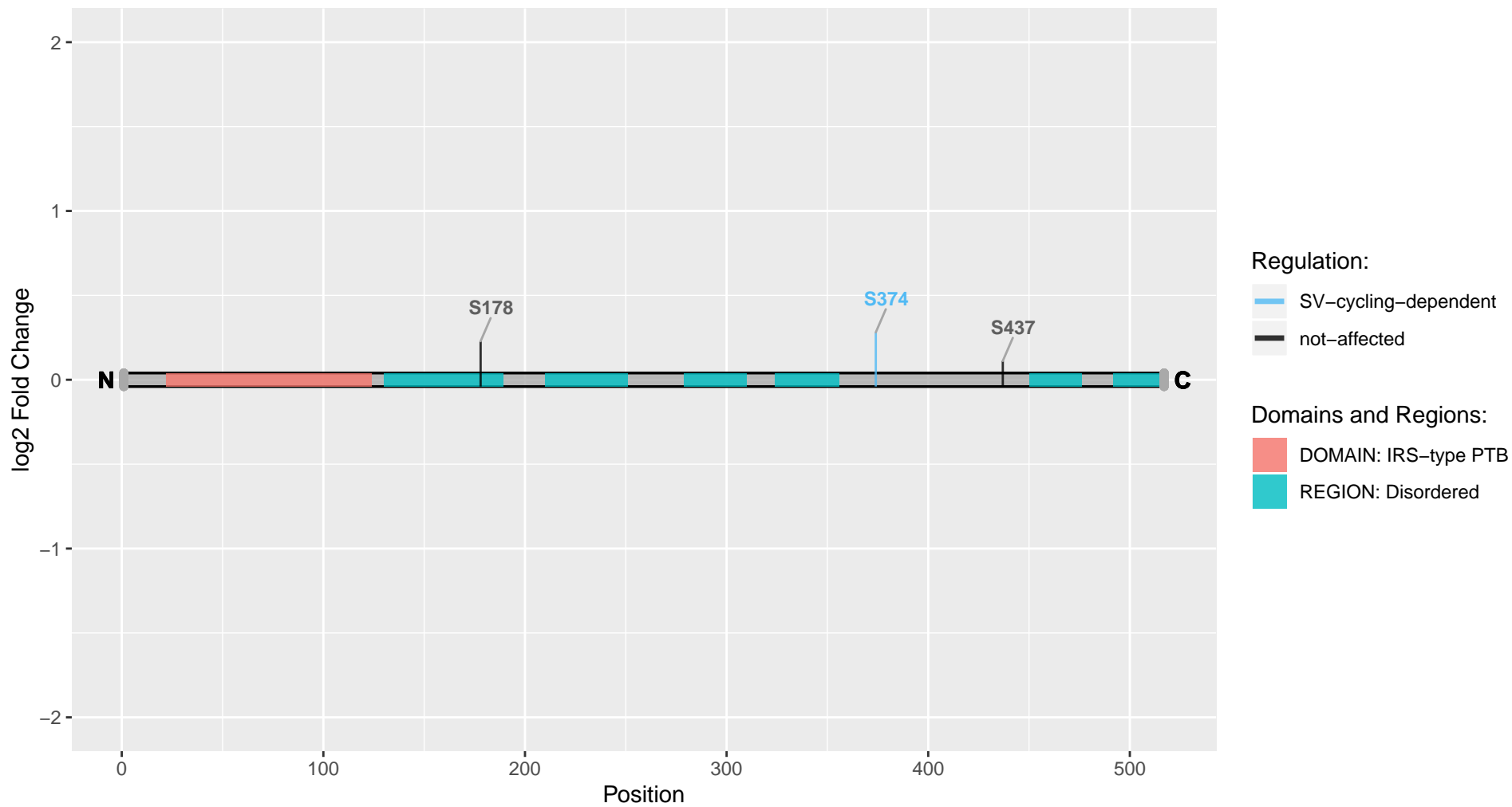
FERM domain-containing protein 8



Frs2

Uniprot Accession: A0A0G2JZZ5

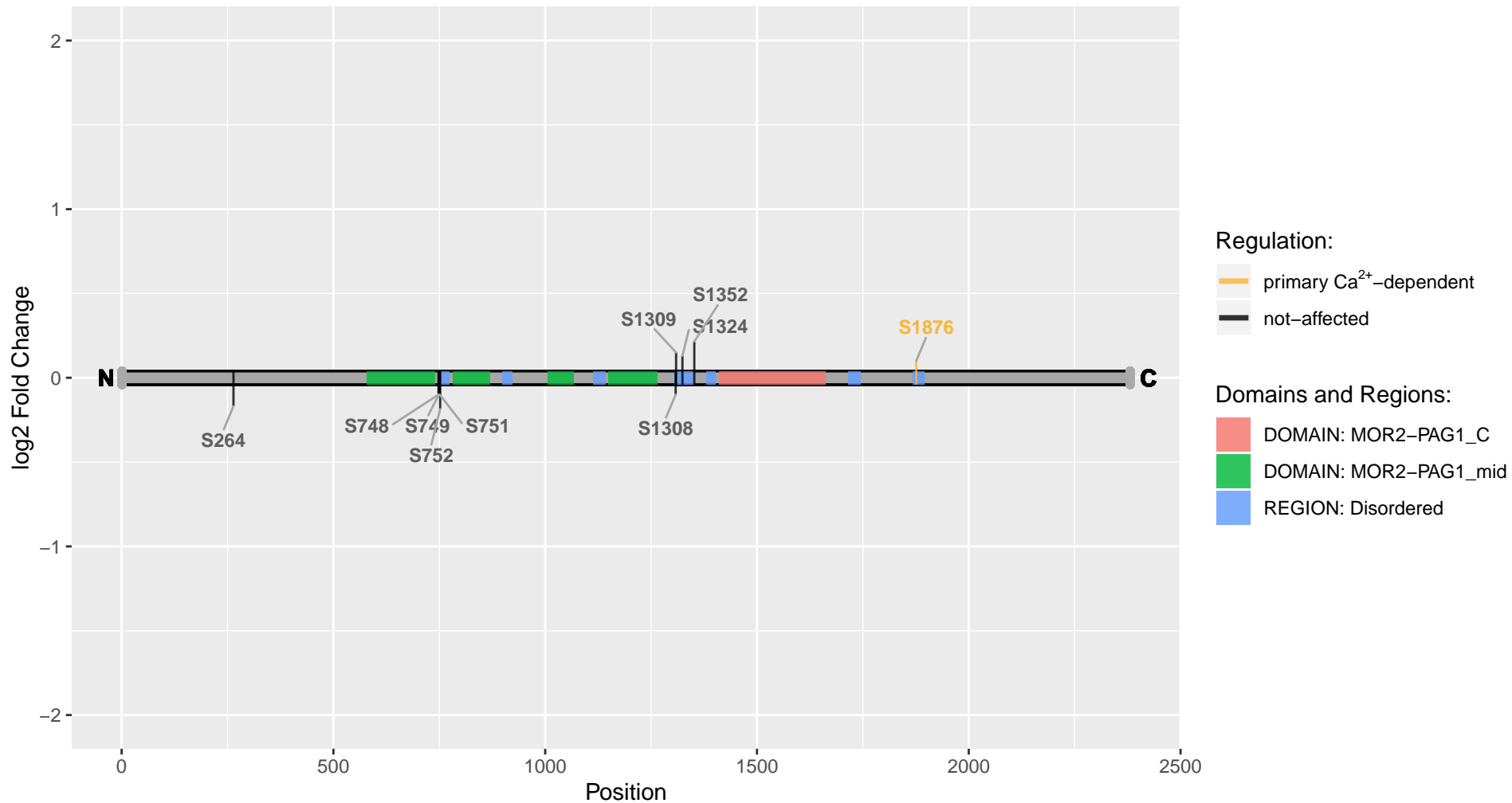
Fibroblast growth factor receptor substrate 2



Fry

Uniprot Accession: A0A0G2K749

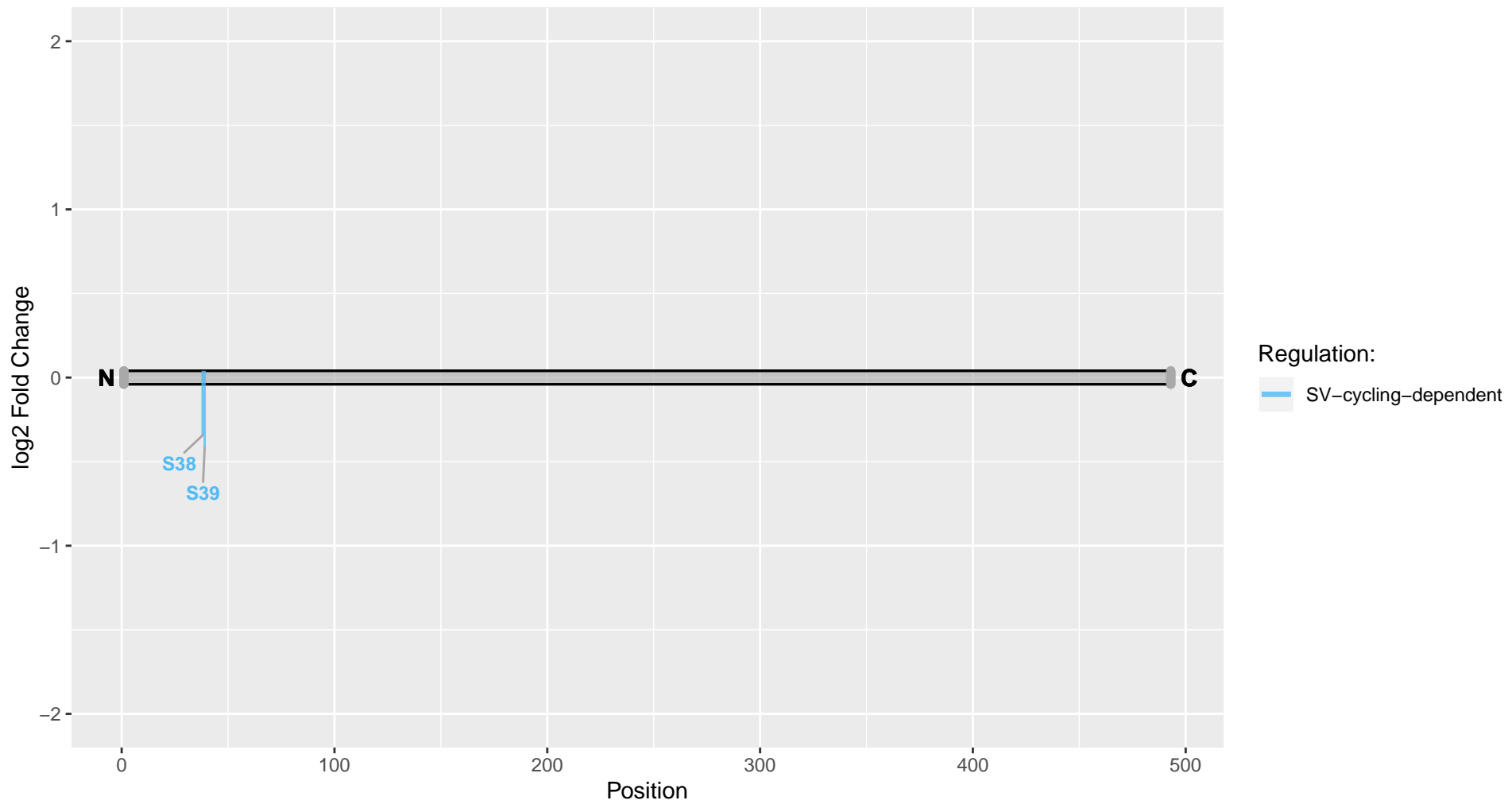
FRY microtubule-binding protein



Fscn1

Uniprot Accession: P85845

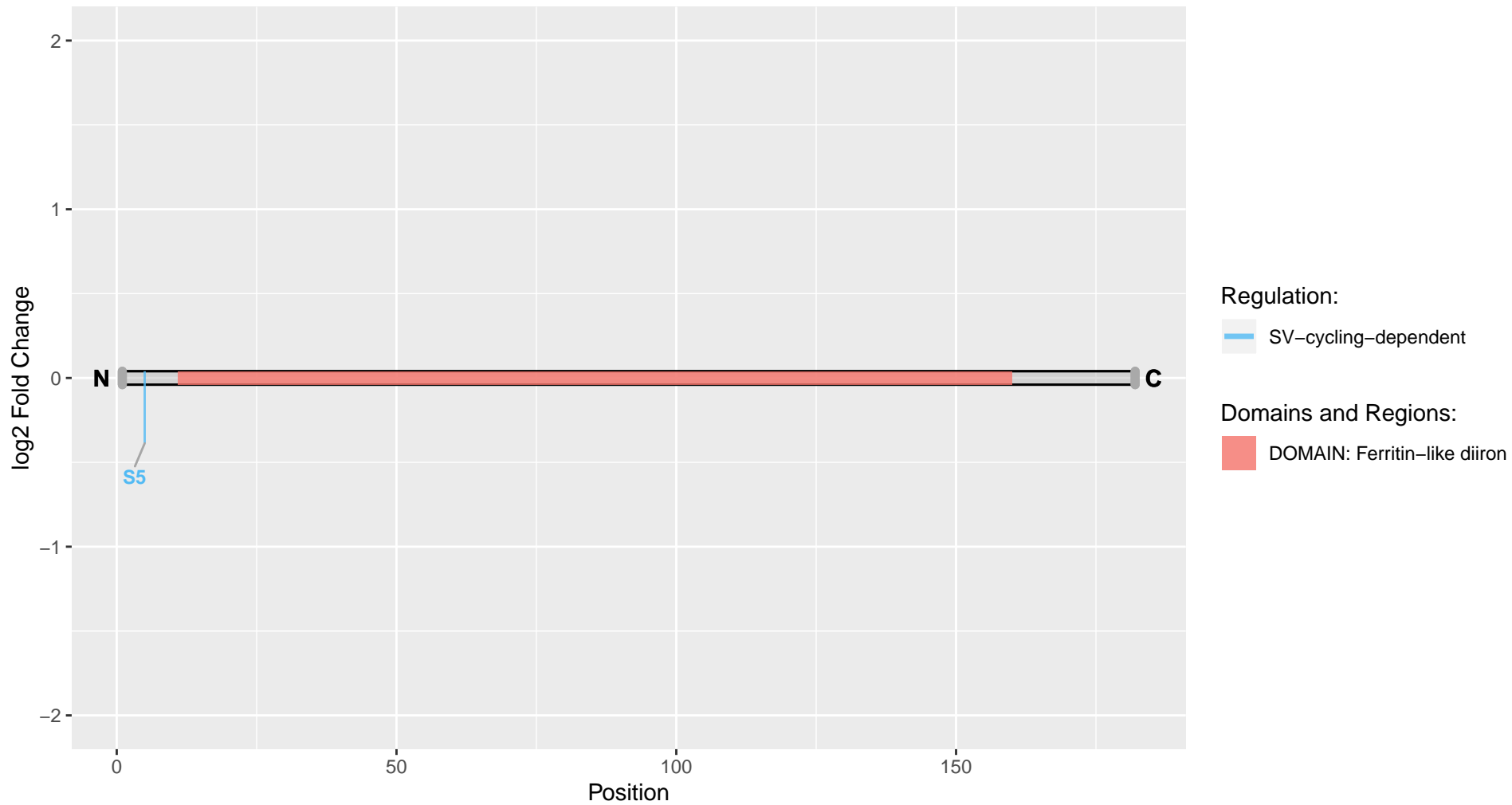
Fascin



Fth1

Uniprot Accession: P19132

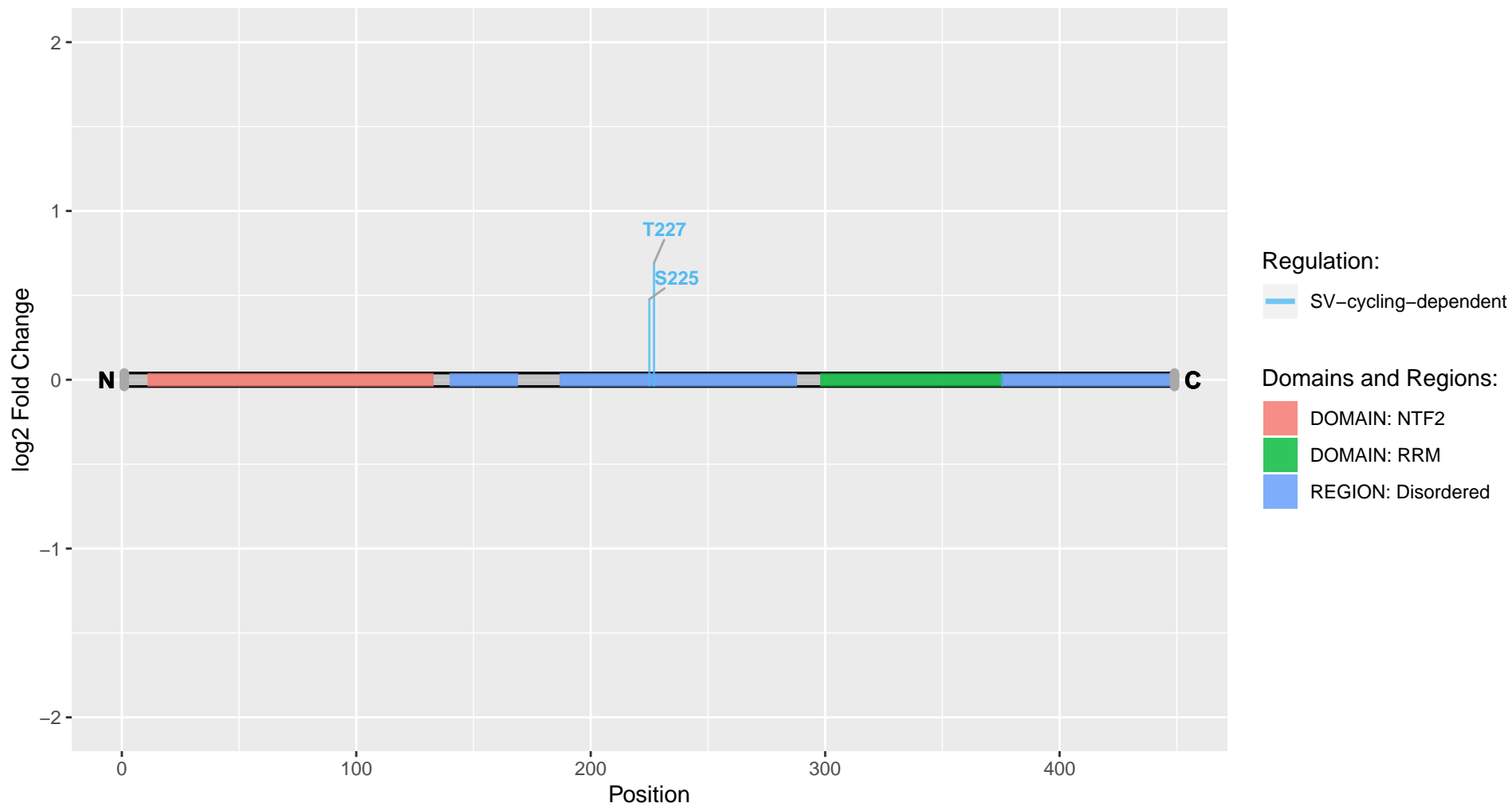
Ferritin heavy chain



G3bp2

Uniprot Accession: Q6AY21

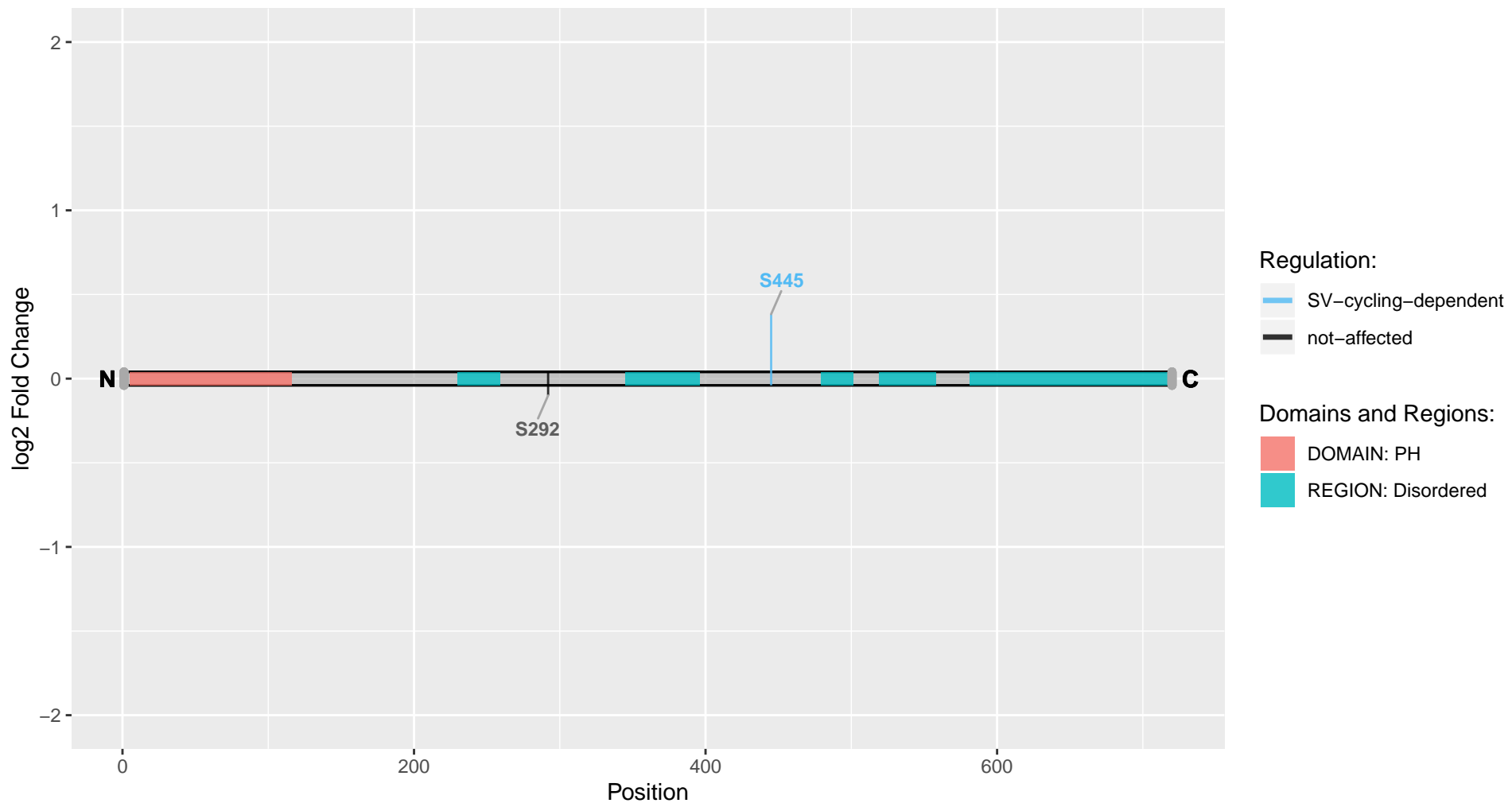
G3BP stress granule assembly factor 2



Gab1

Uniprot Accession: A0A0G2JZD5

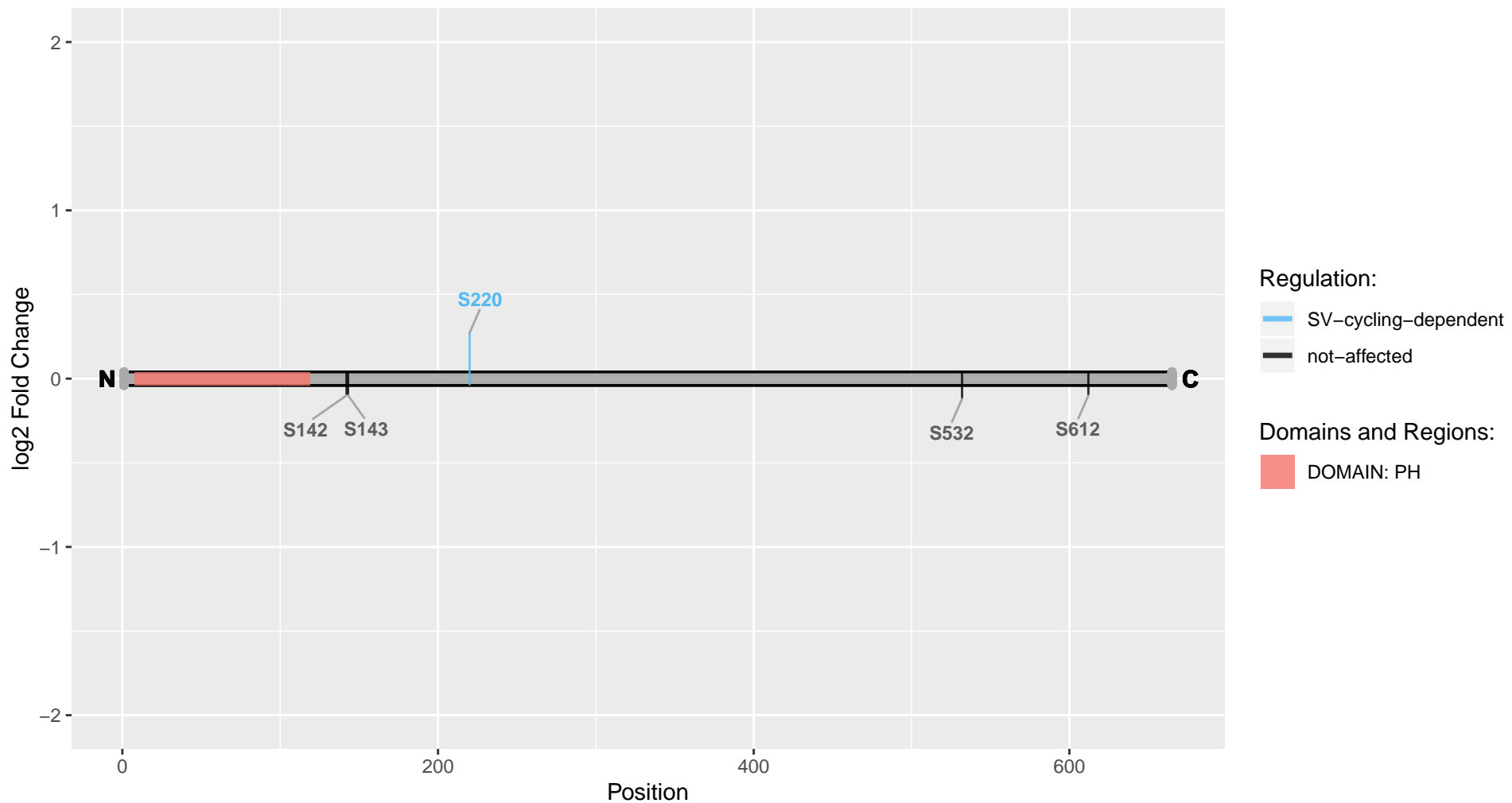
GRB2-associated-binding protein 1



Gab2

Uniprot Accession: Q9EQH1

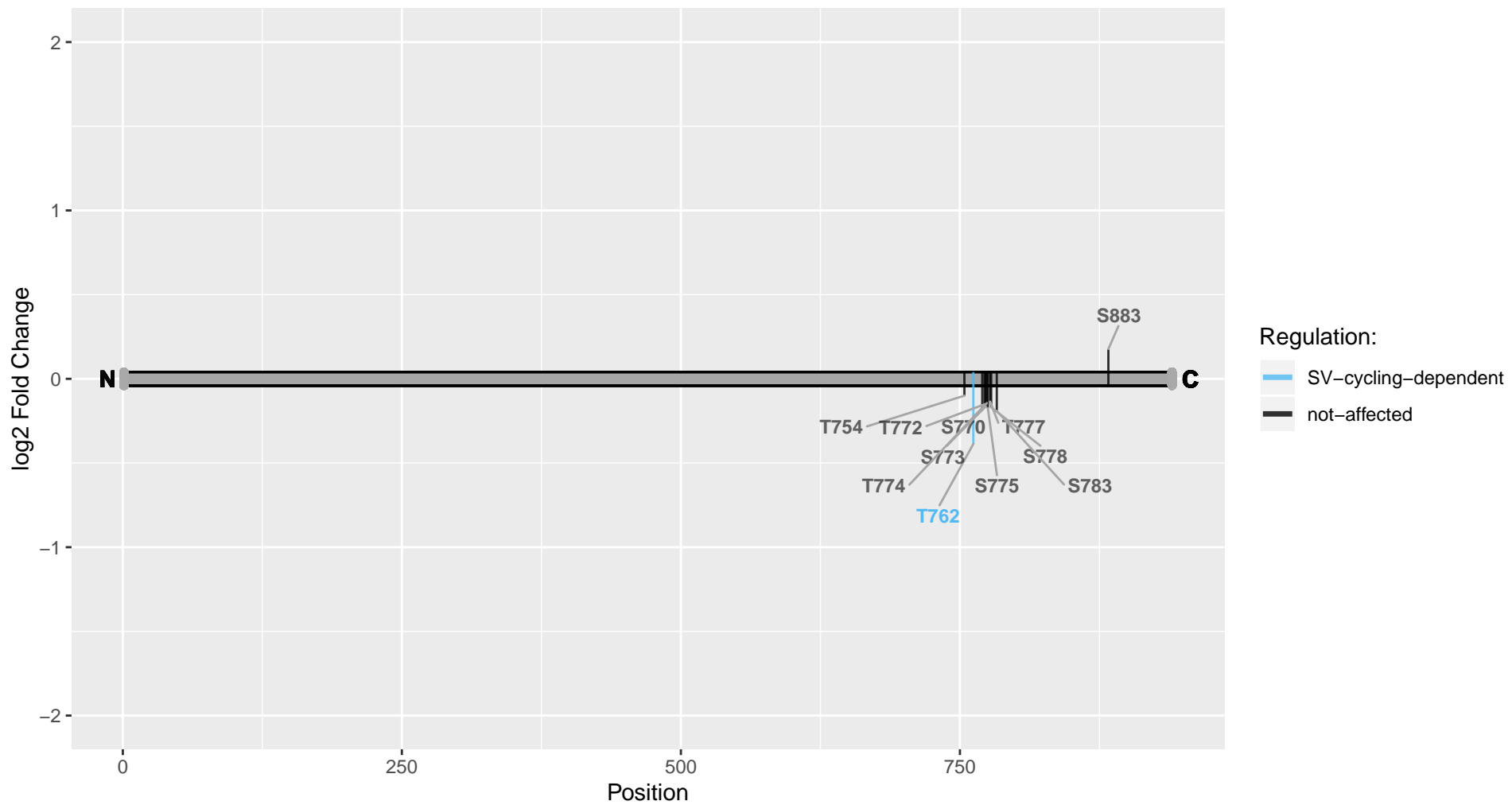
GRB2-associated-binding protein 2



Gabbr2

Uniprot Accession: O88871

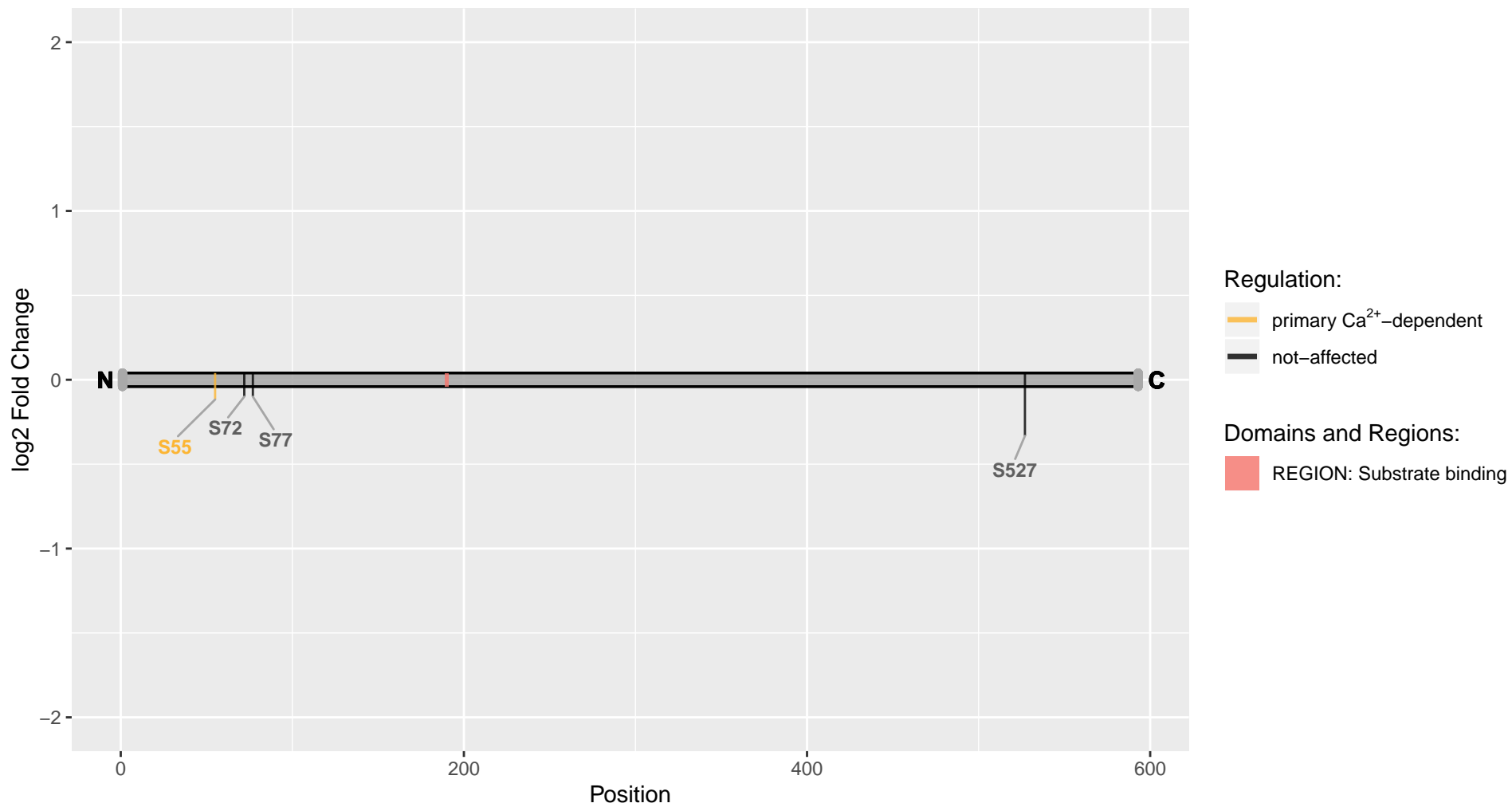
Gamma-aminobutyric acid type B receptor subunit 2



Gad1

Uniprot Accession: P18088

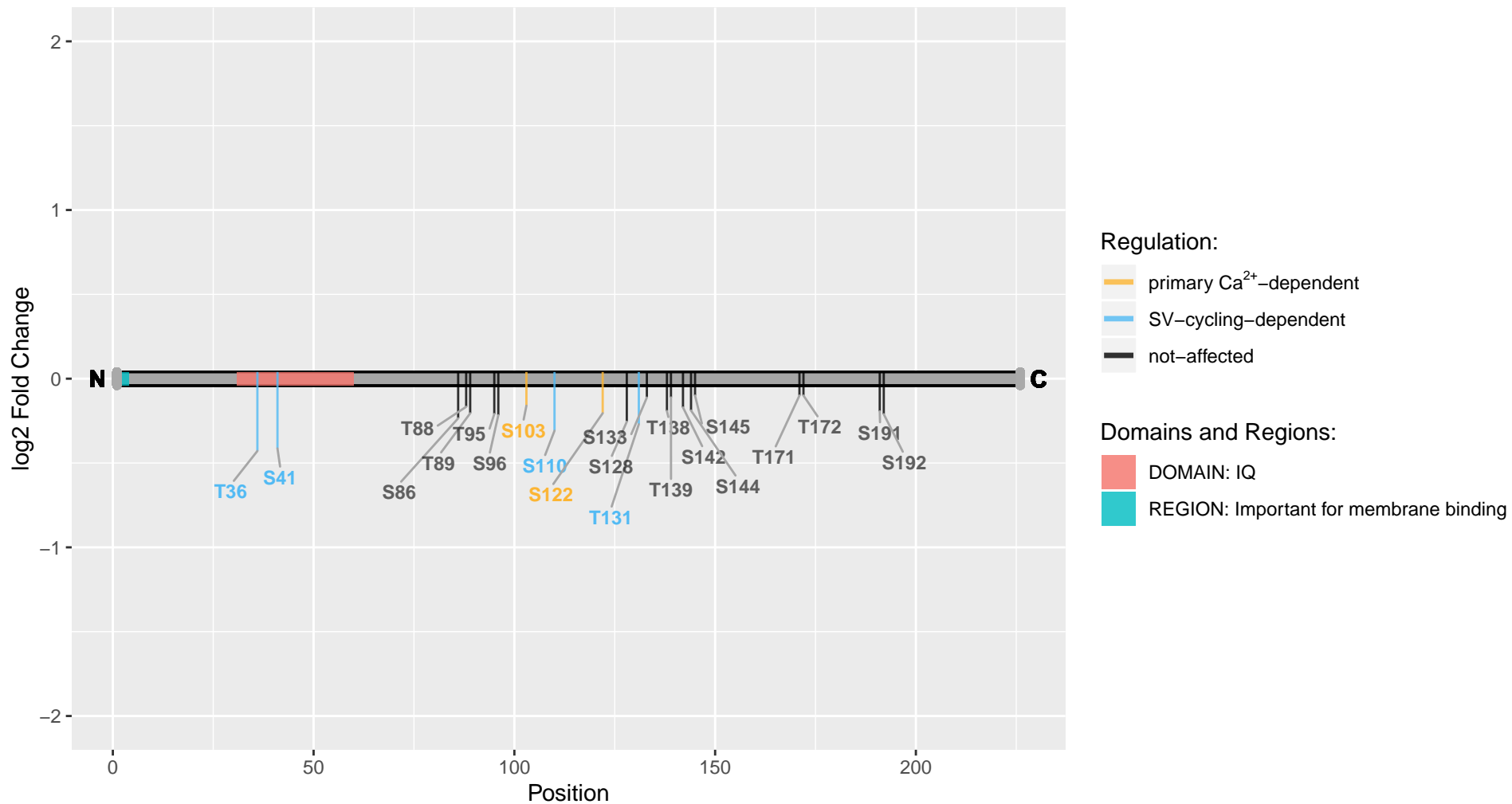
Glutamate decarboxylase 1



Gap43

Uniprot Accession: P07936

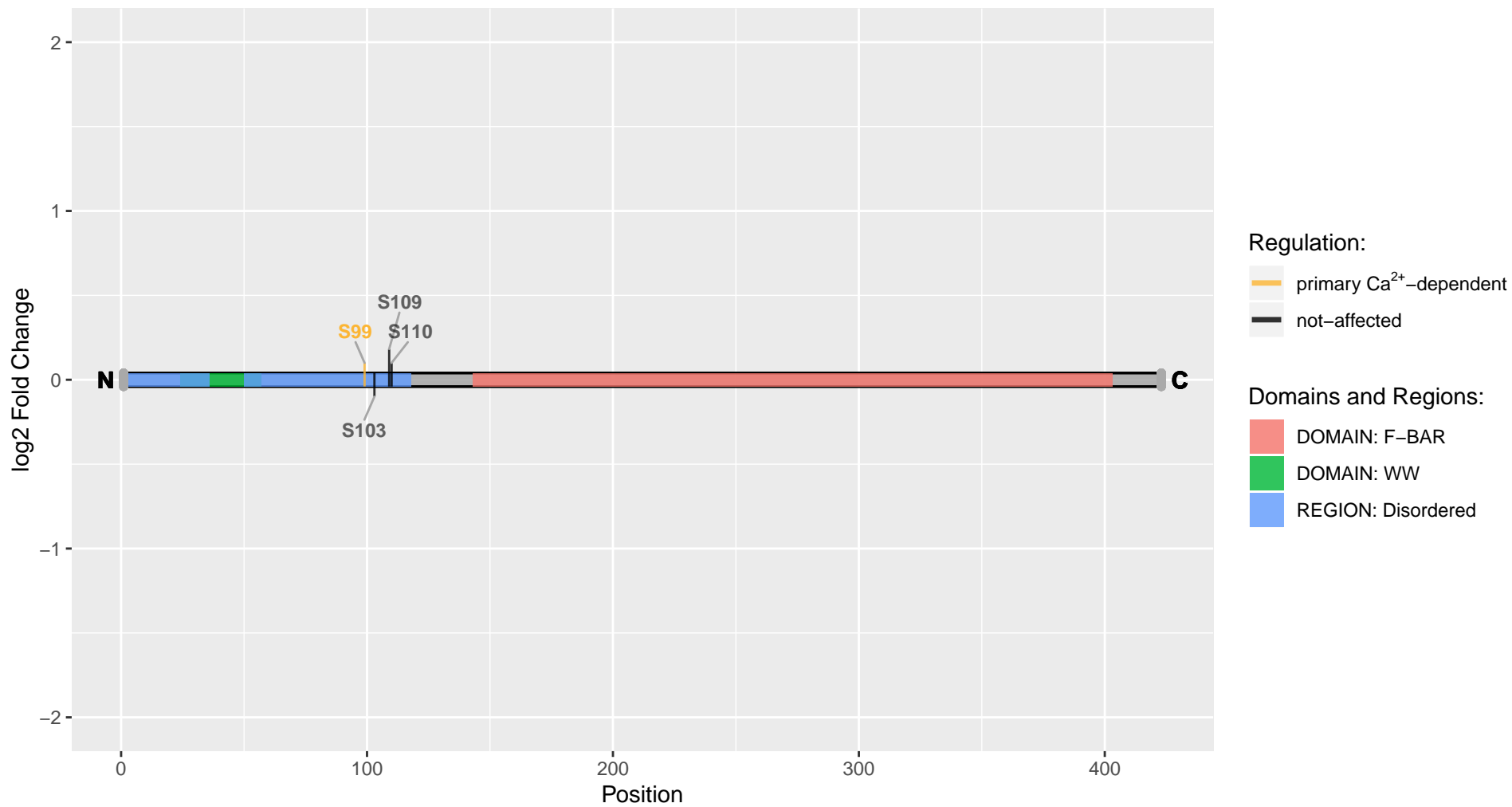
Neuromodulin



Gas7

Uniprot Accession: A0A0G2JT50

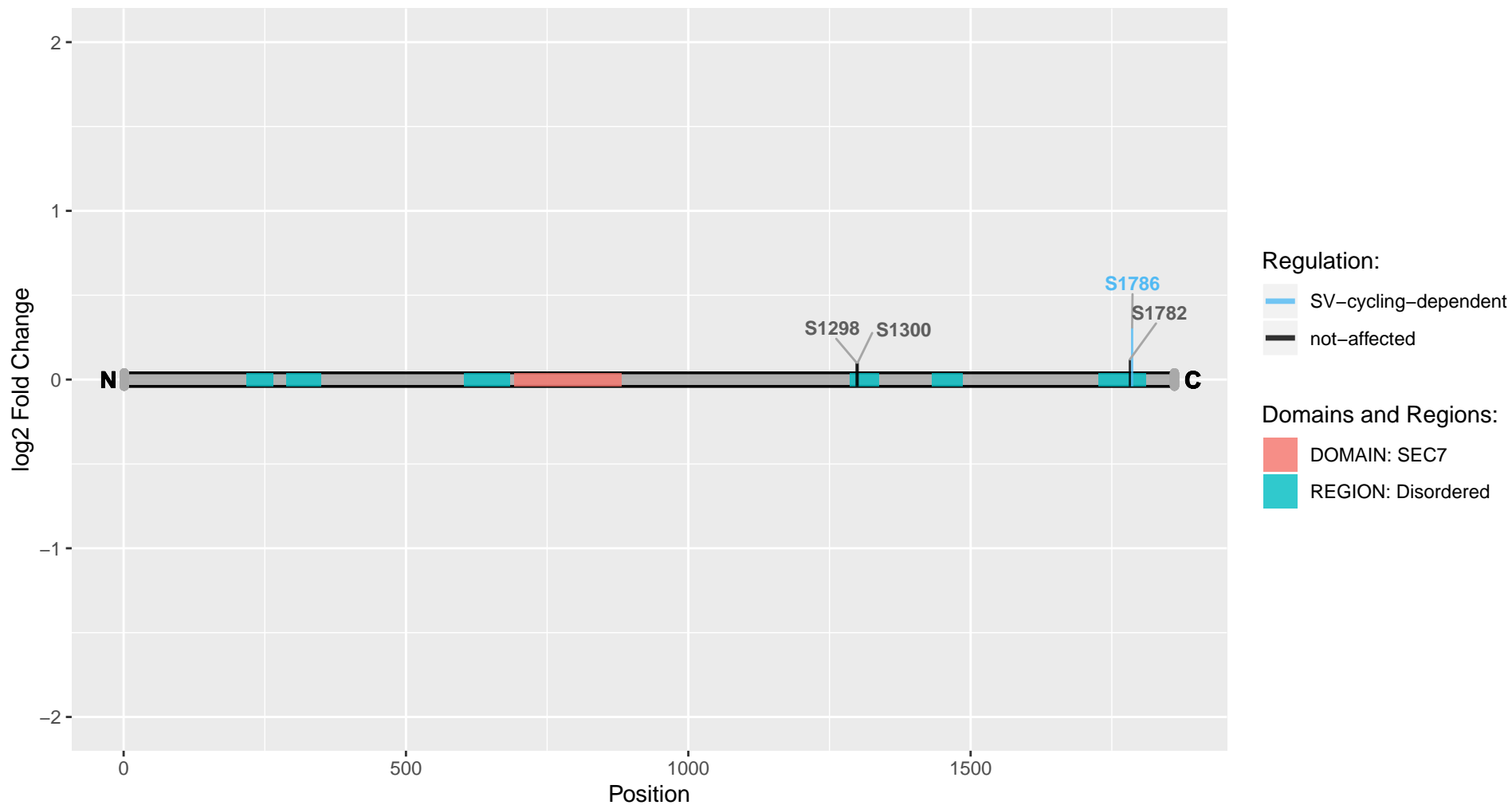
Growth arrest-specific protein 7



Gbf1

Uniprot Accession: F1M8X9

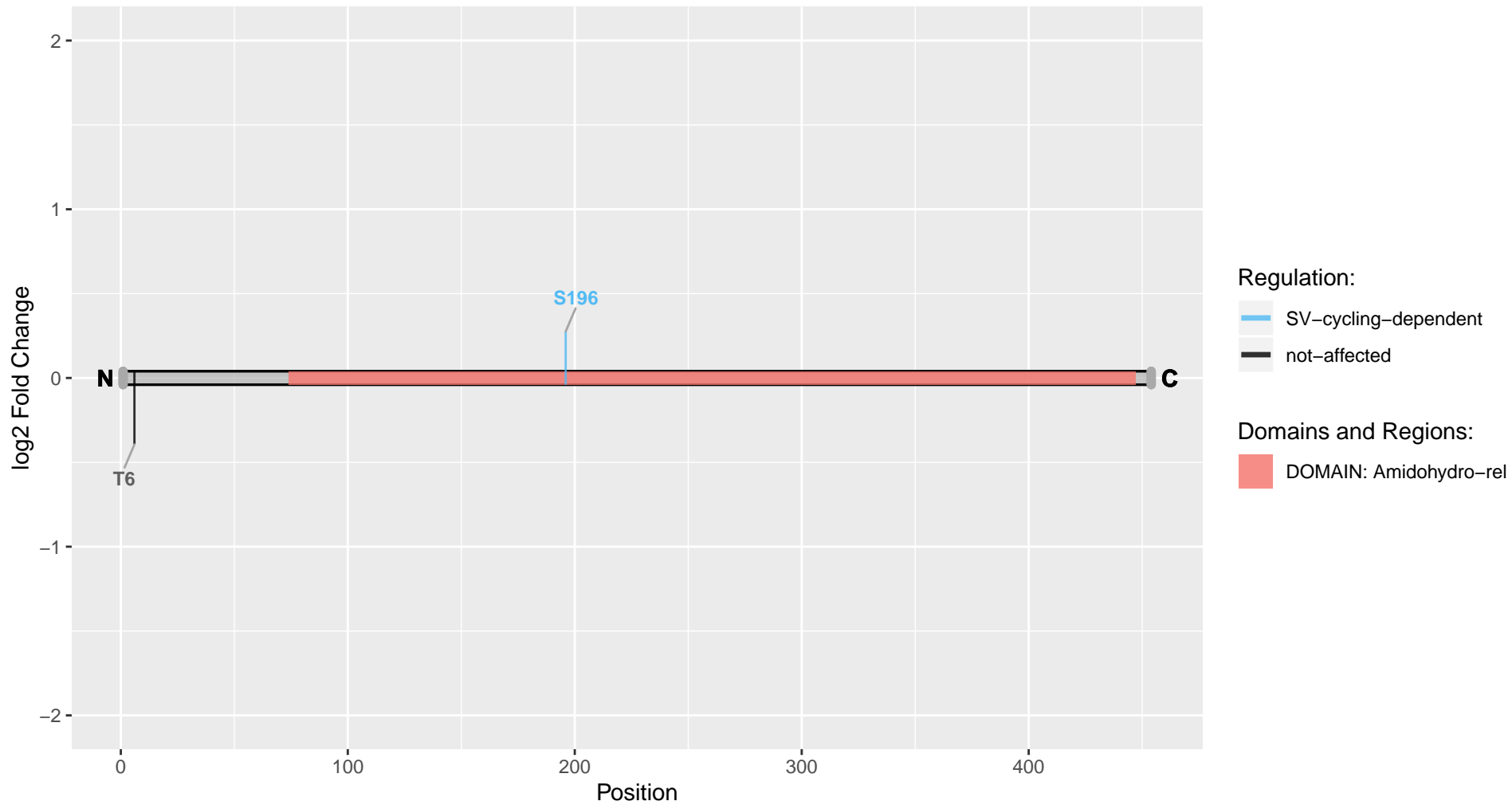
Golgi brefeldin A-resistant guanine nucleotide exchange factor 1



Gda

Uniprot Accession: Q9JKB7

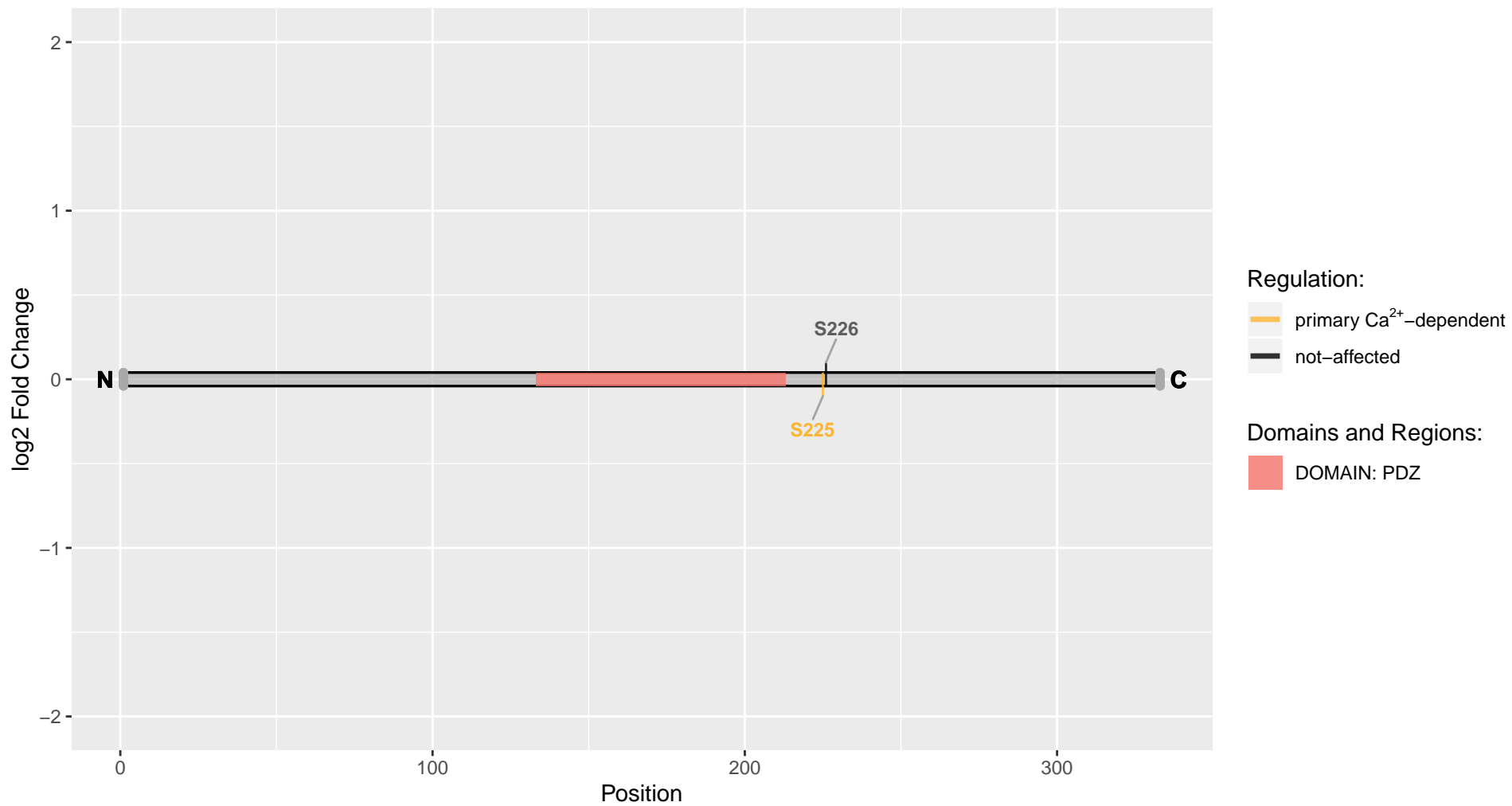
Guanine deaminase



Gipc1

Uniprot Accession: Q9Z254

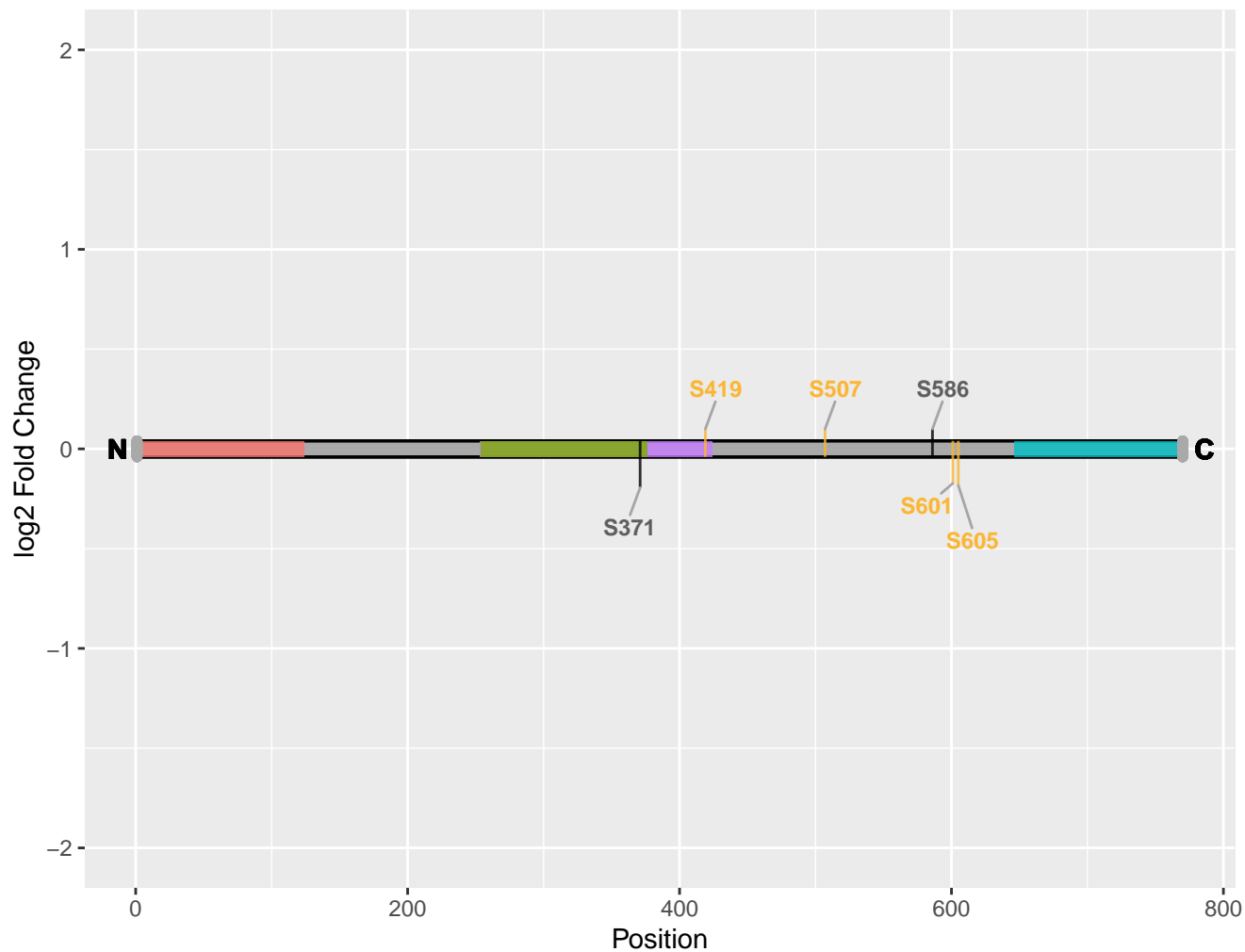
PDZ domain-containing protein GIPC1



Git1

Uniprot Accession: Q9Z272

ARF GTPase-activating protein GIT1



Regulation:

- primary Ca^{2+} -dependent
- not-affected

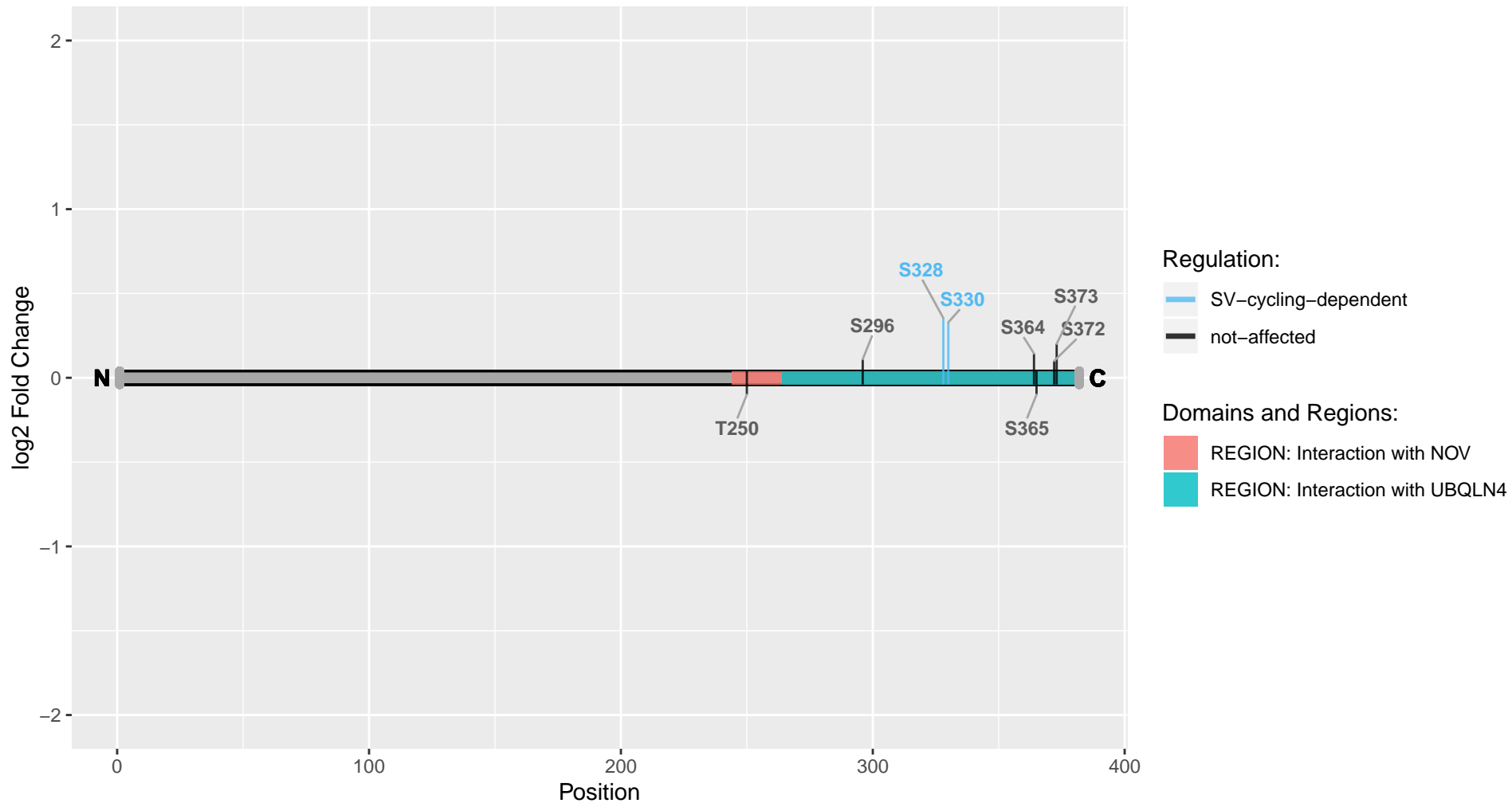
Domains and Regions:

- DOMAIN: Arf-GAP
- REGION: ARHGEF6-binding
- REGION: Interaction with PXN and TGFB111
- REGION: PTK2/FAK1-binding

Gja1

Uniprot Accession: P08050

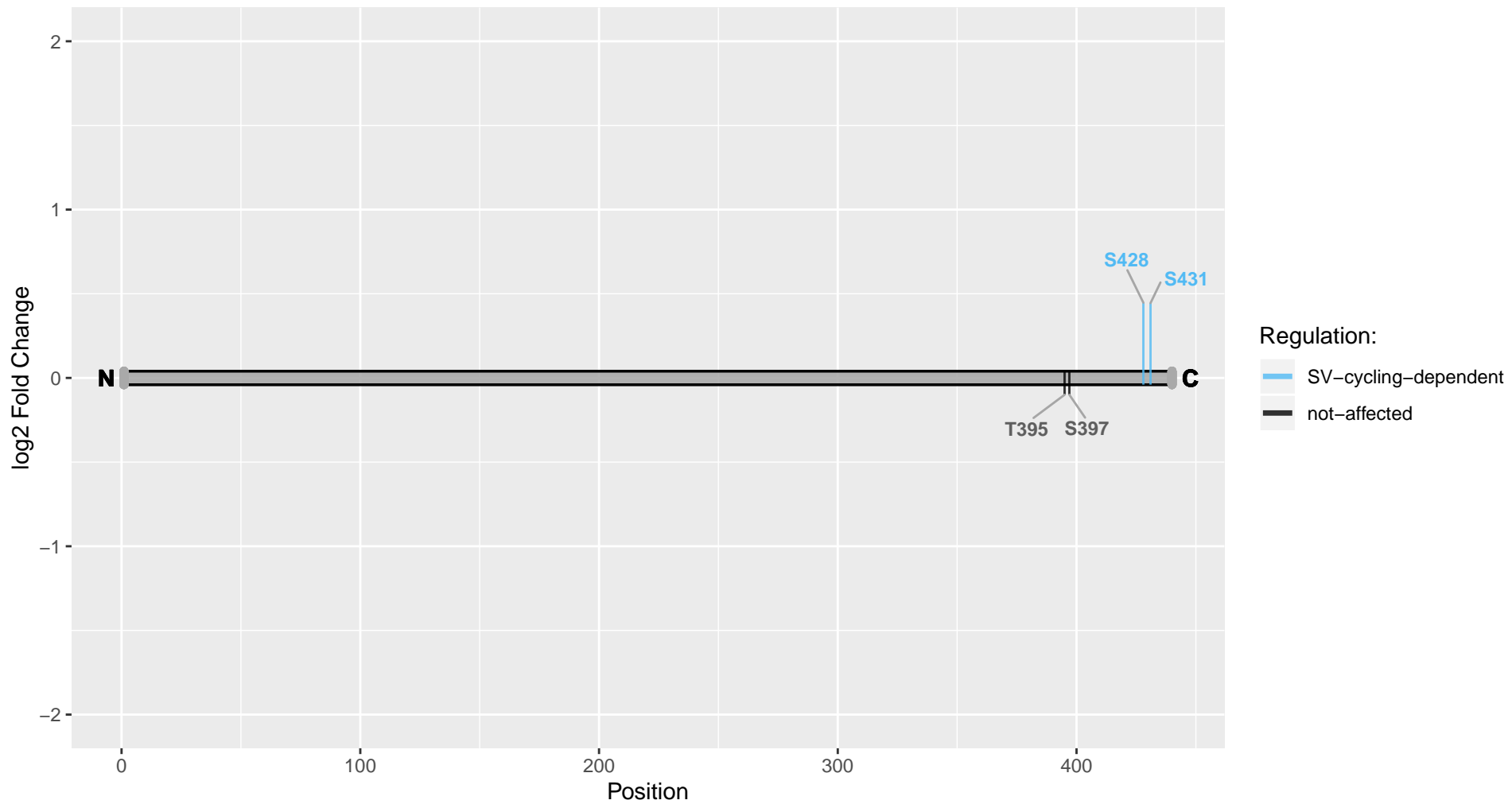
Gap junction alpha-1 protein



Gjc2

Uniprot Accession: Q80XF7

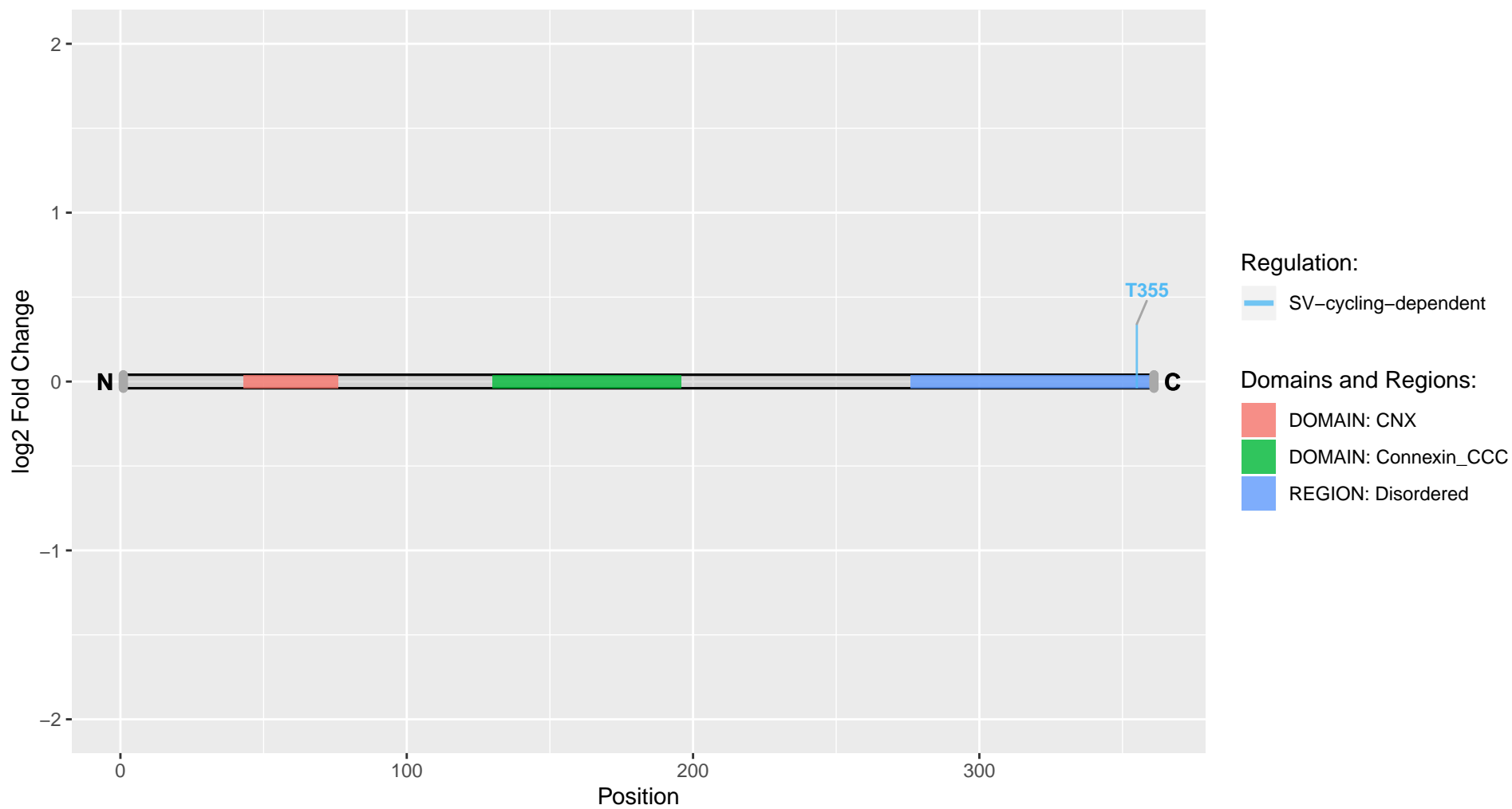
Gap junction gamma-2 protein



Gjd4

Uniprot Accession: G3V8D7

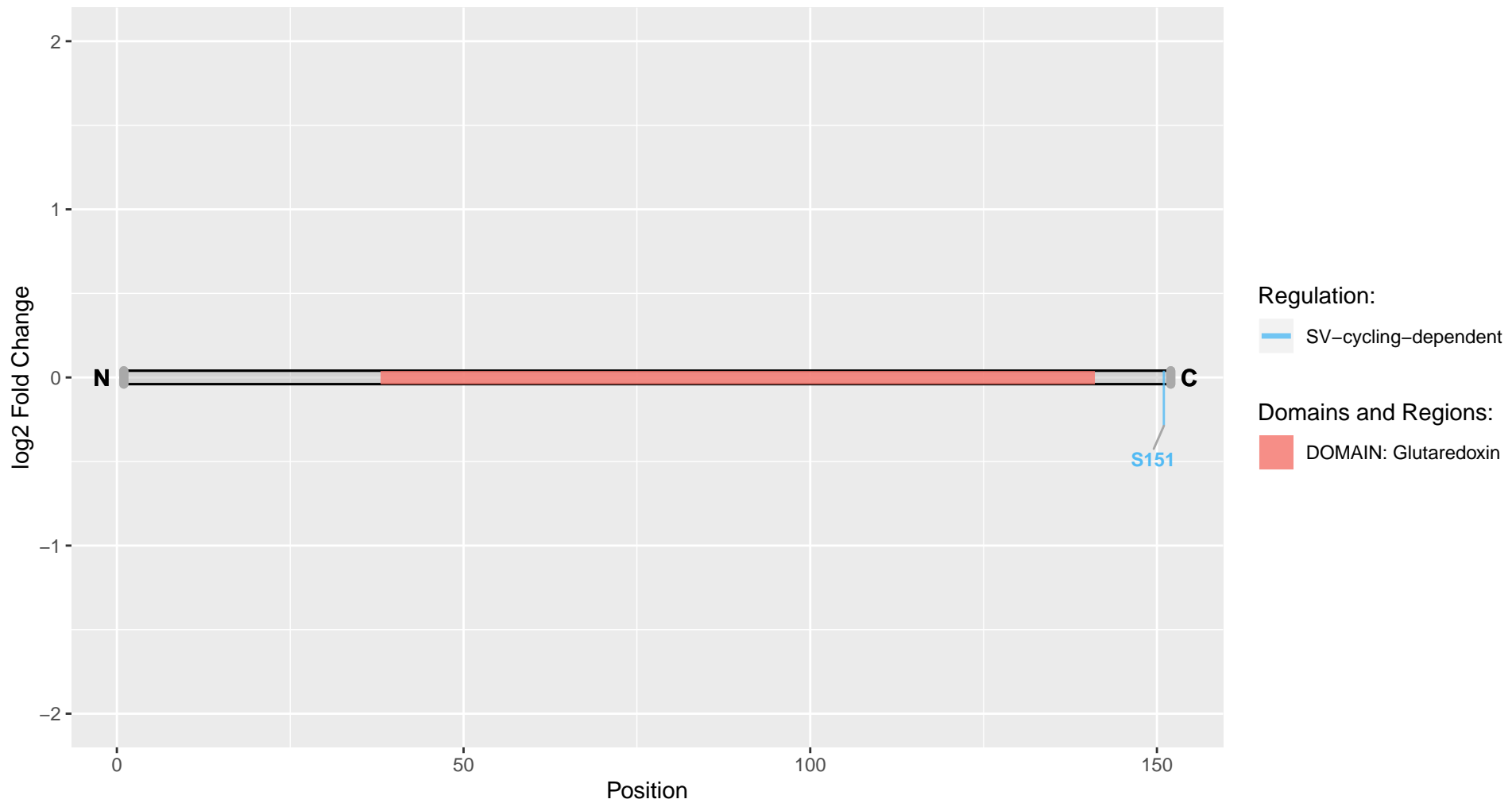
Gap junction protein



Glxr5

Uniprot Accession: D4ADD7

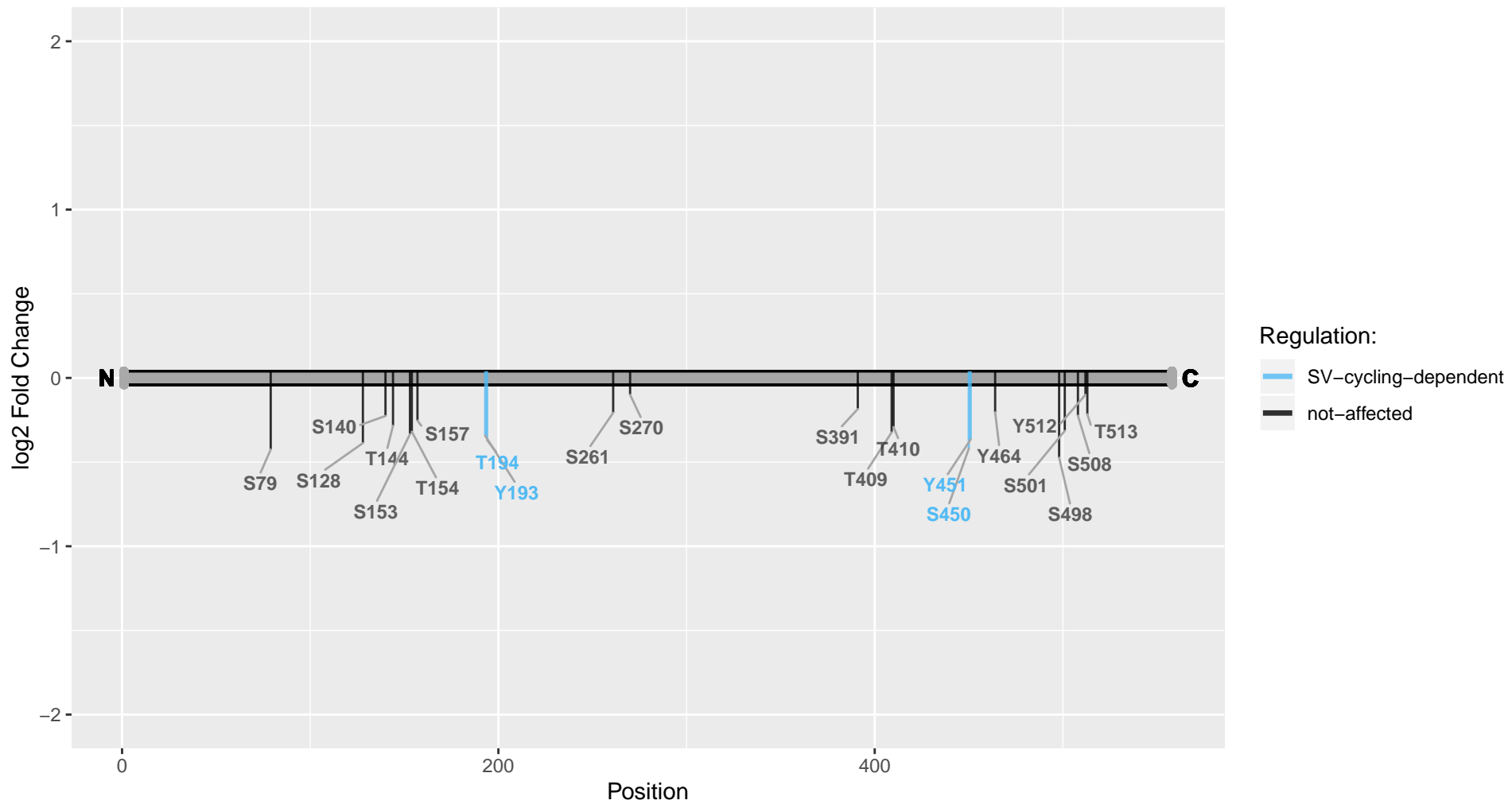
Glutaredoxin 5



Glud1

Uniprot Accession: P10860

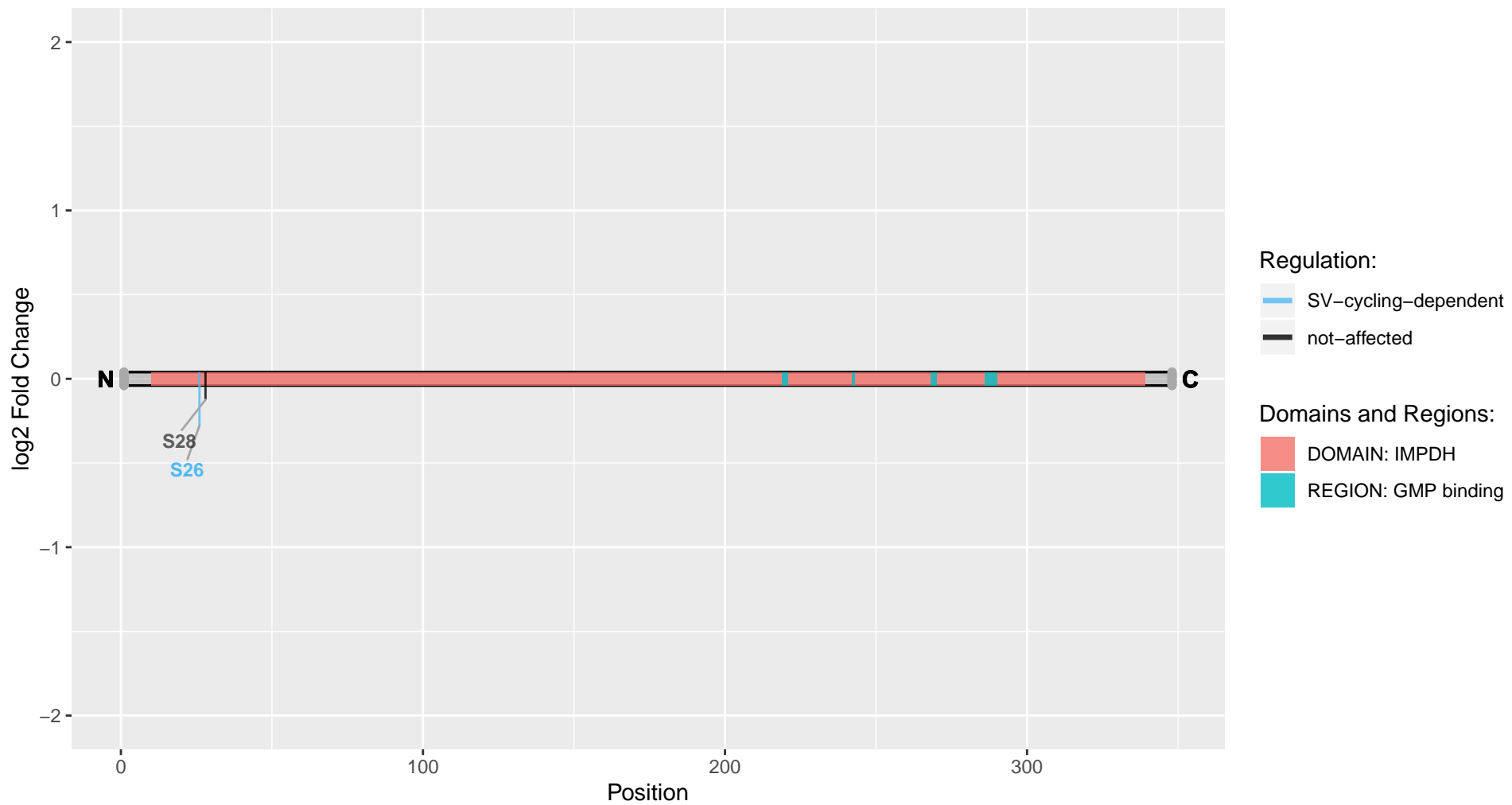
Glutamate dehydrogenase 1, mitochondrial



Gmpr2

Uniprot Accession: A0A0G2JX25

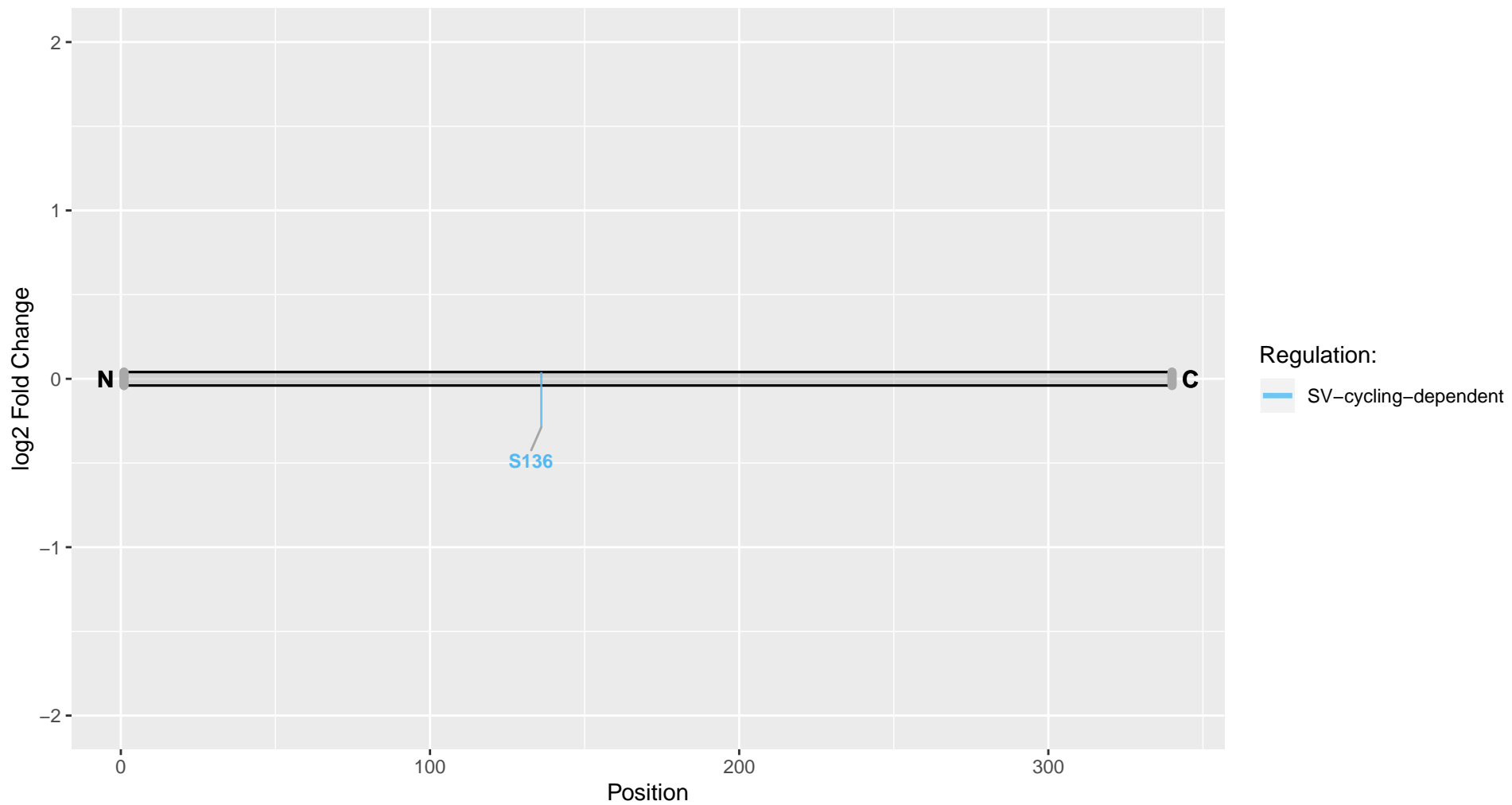
GMP reductase



Gnb1

Uniprot Accession: P54311

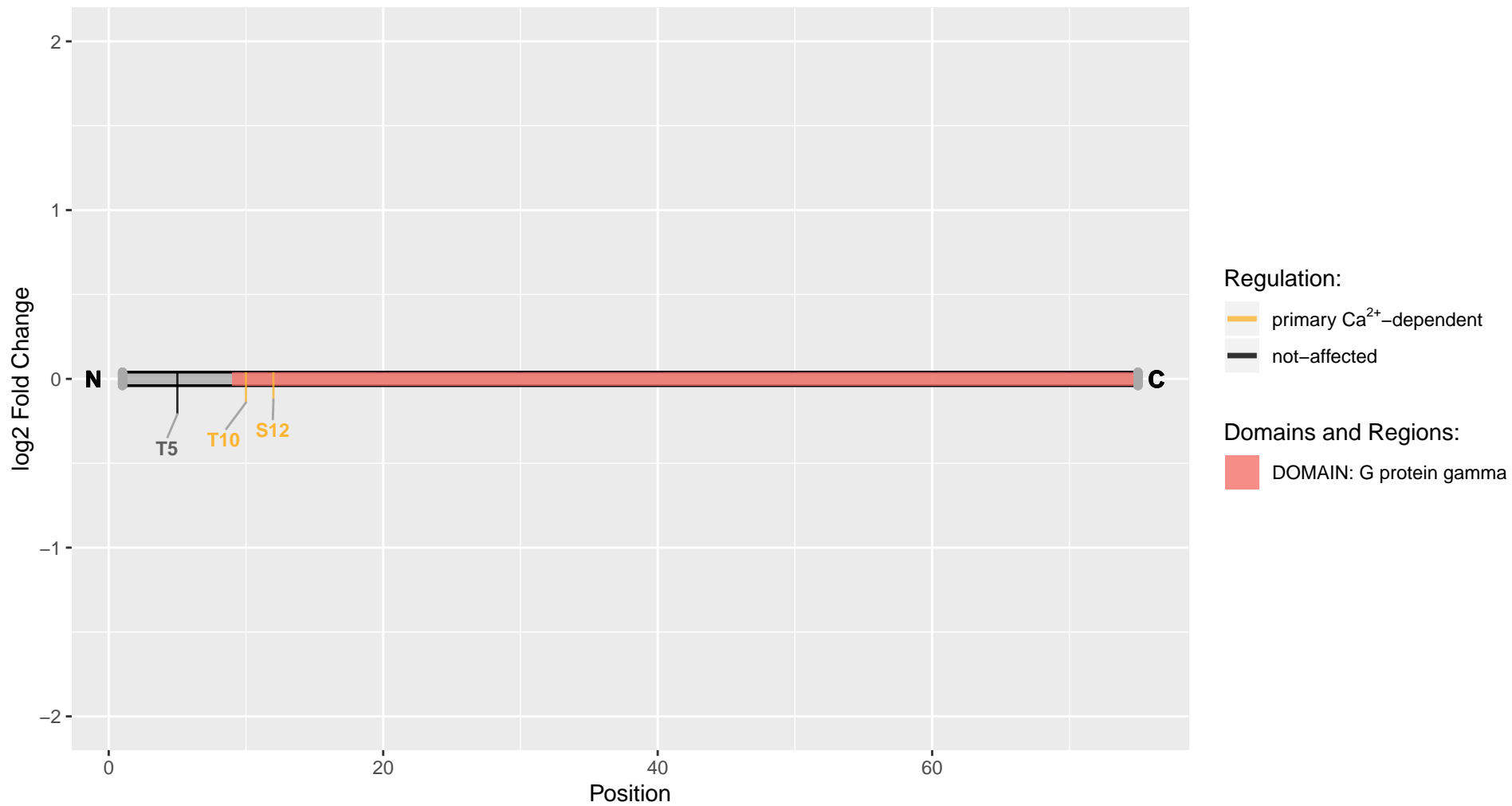
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1



Gng3

Uniprot Accession: G3V8K2

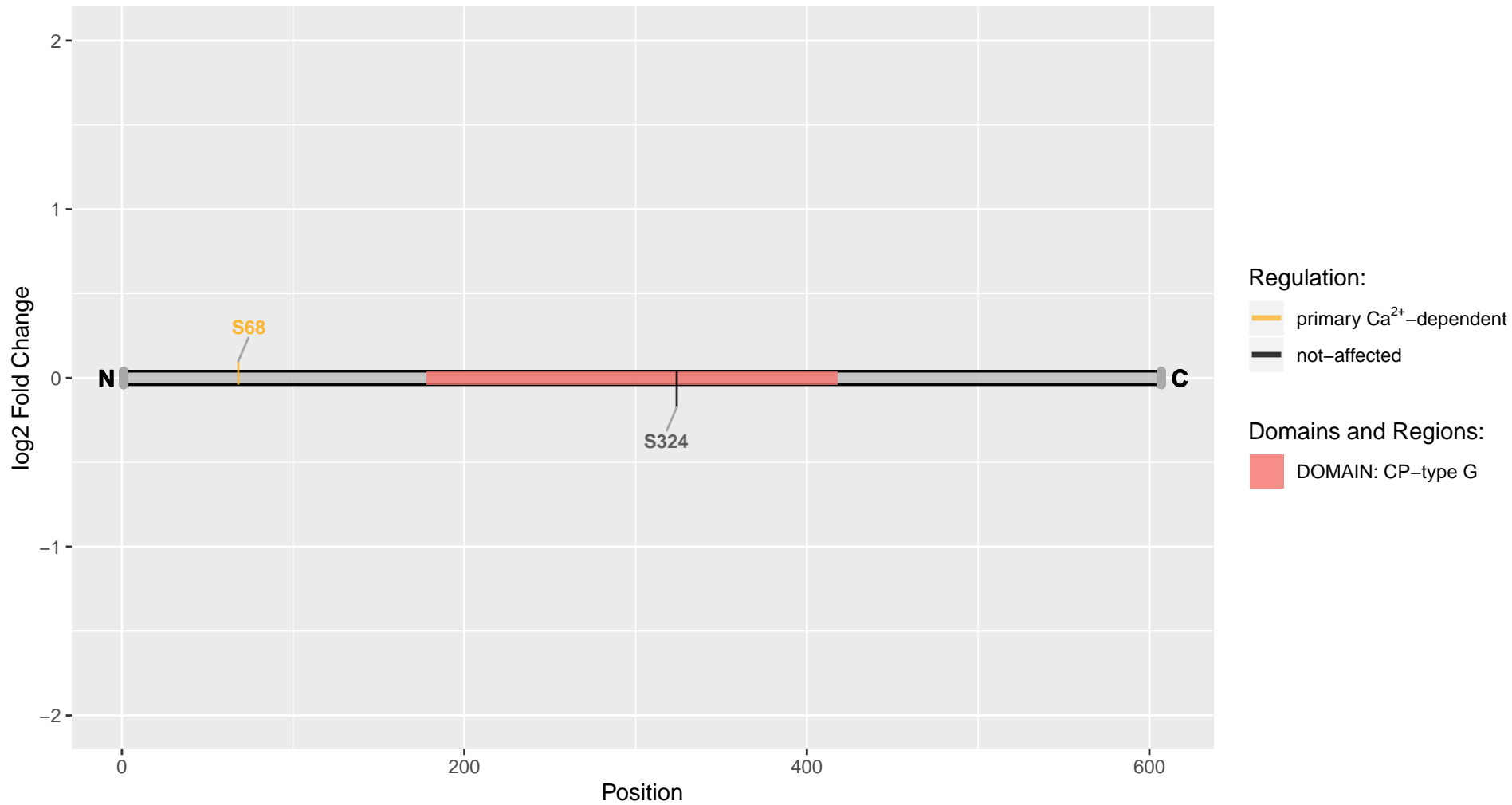
Guanine nucleotide-binding protein subunit gamma



Gnl1

Uniprot Accession: Q6MG06

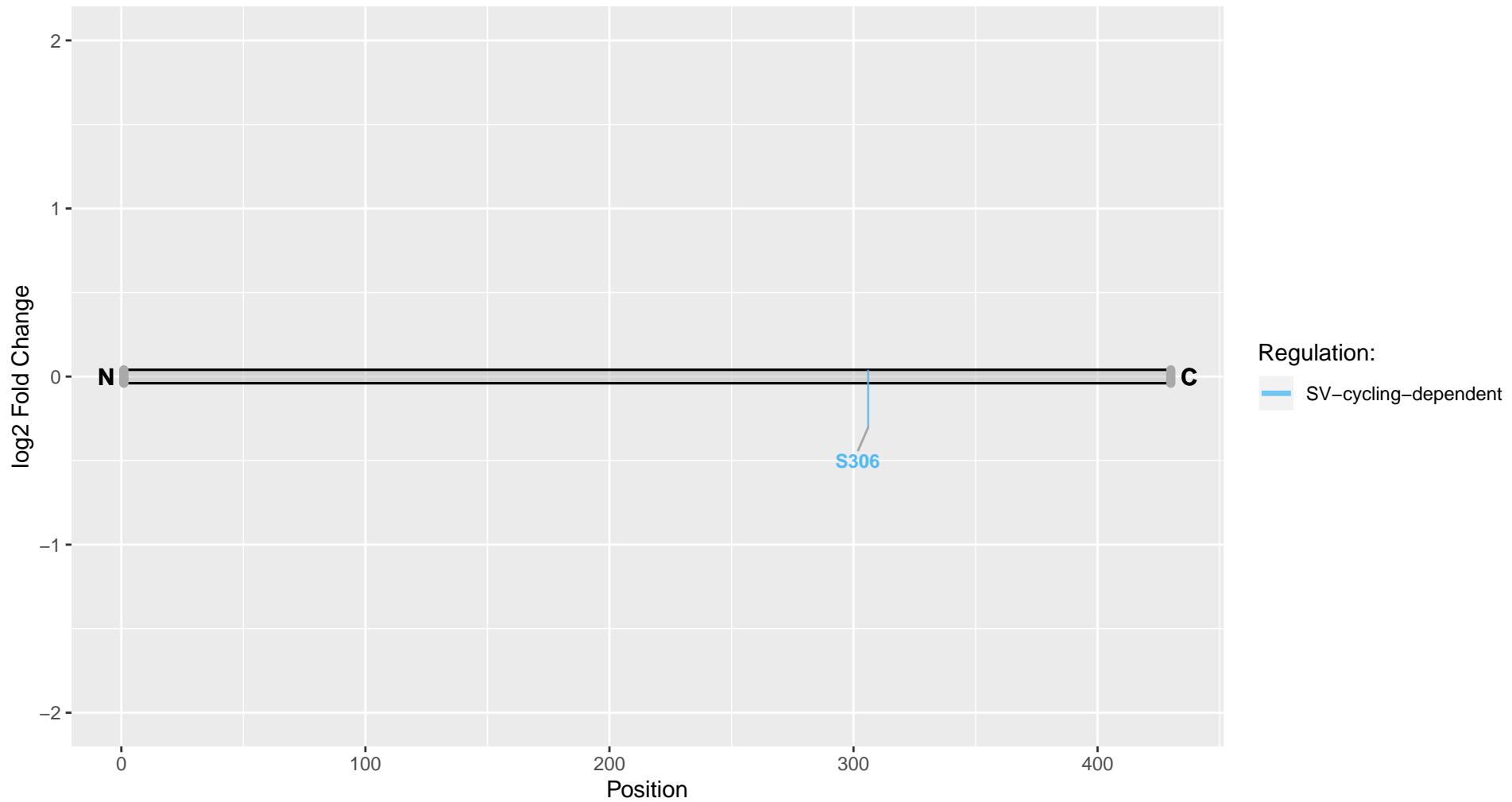
Guanine nucleotide-binding protein-like 1



Got2

Uniprot Accession: P00507

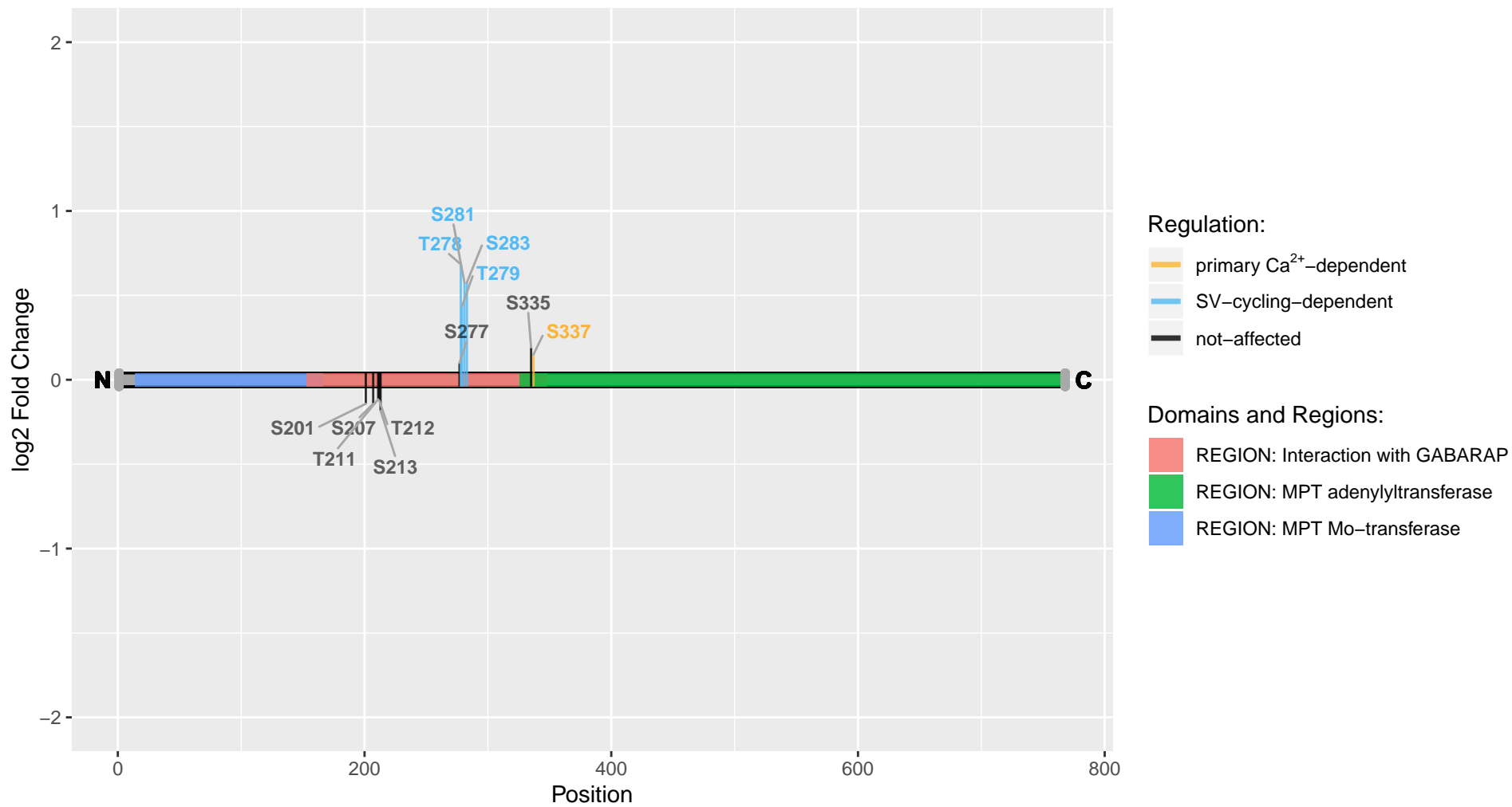
Aspartate aminotransferase, mitochondrial



Gphn

Uniprot Accession: Q03555

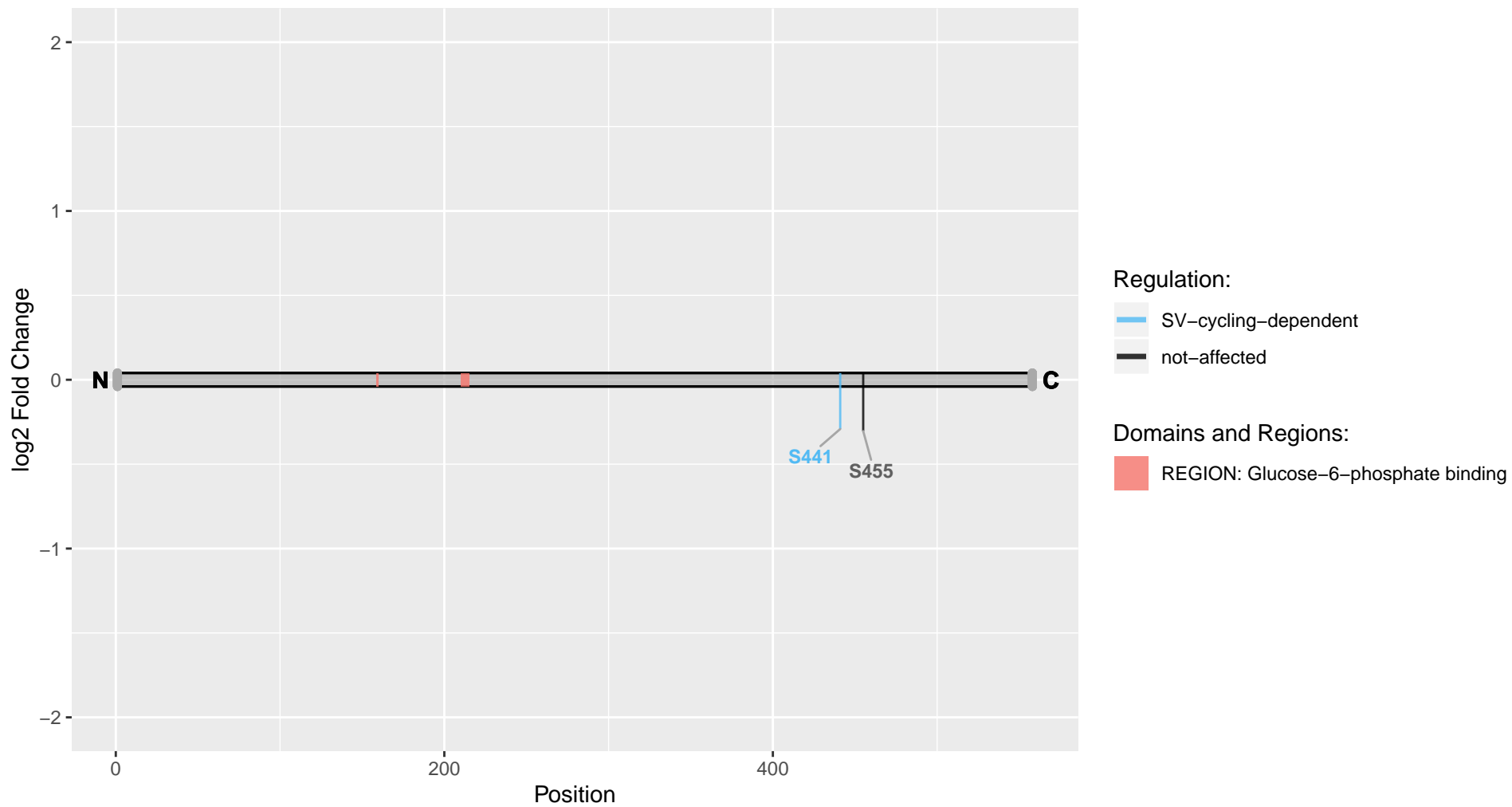
Gephyrin



Gpi

Uniprot Accession: Q6P6V0

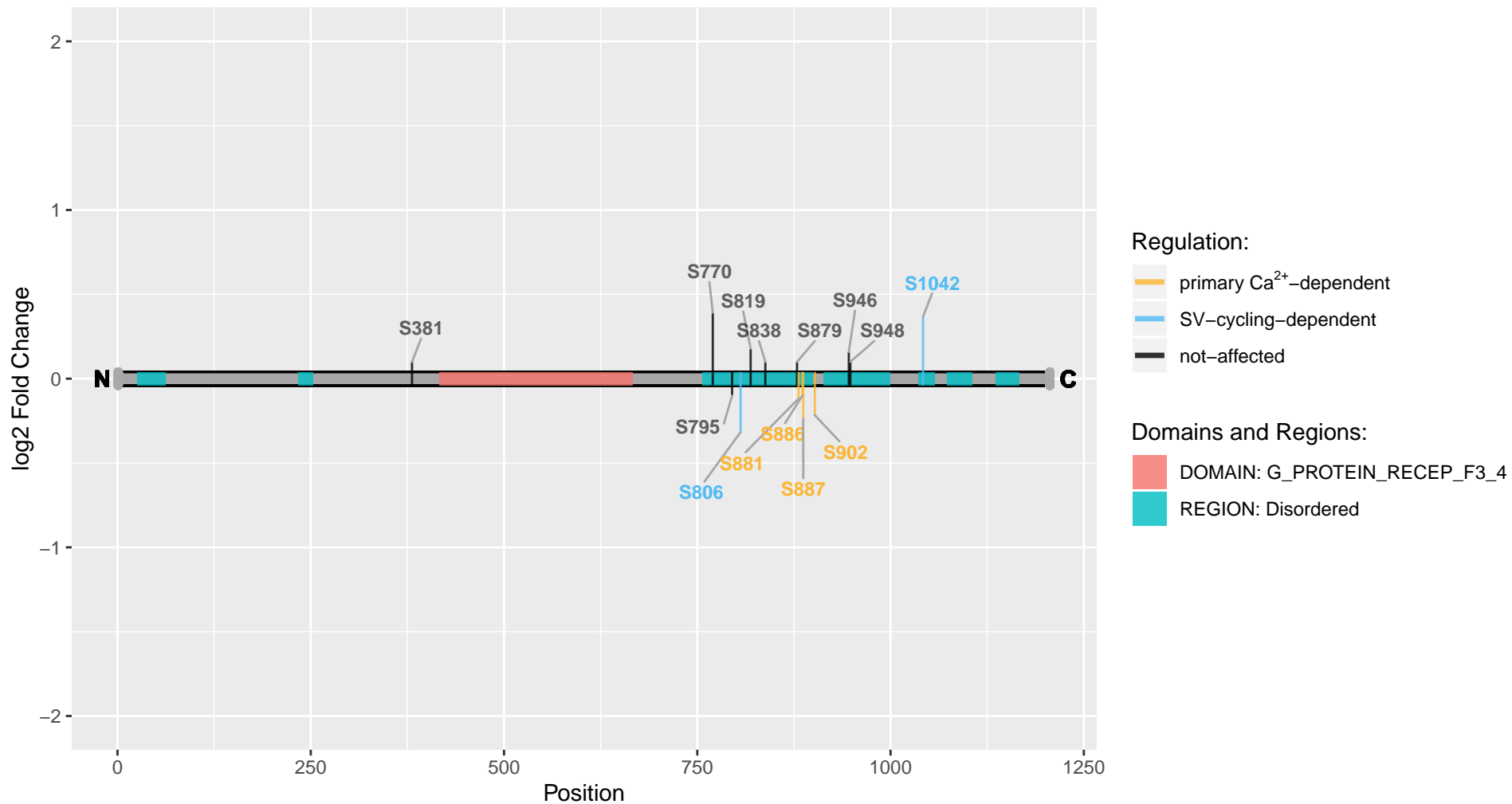
Glucose-6-phosphate isomerase



Gpr158

Uniprot Accession: A0A0A0MY13

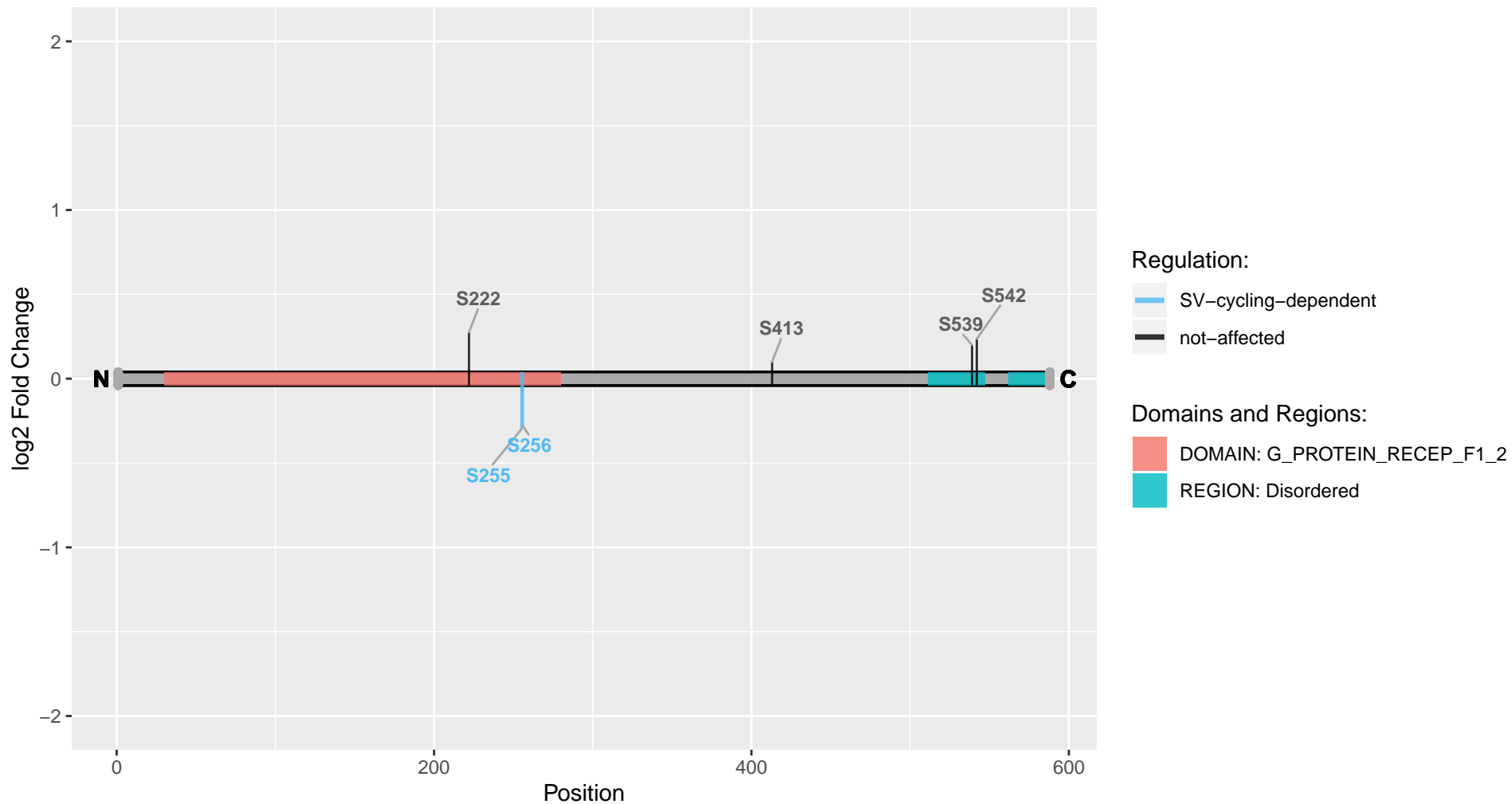
Probable G-protein-coupled receptor 158



Gpr162

Uniprot Accession: D4AAS1

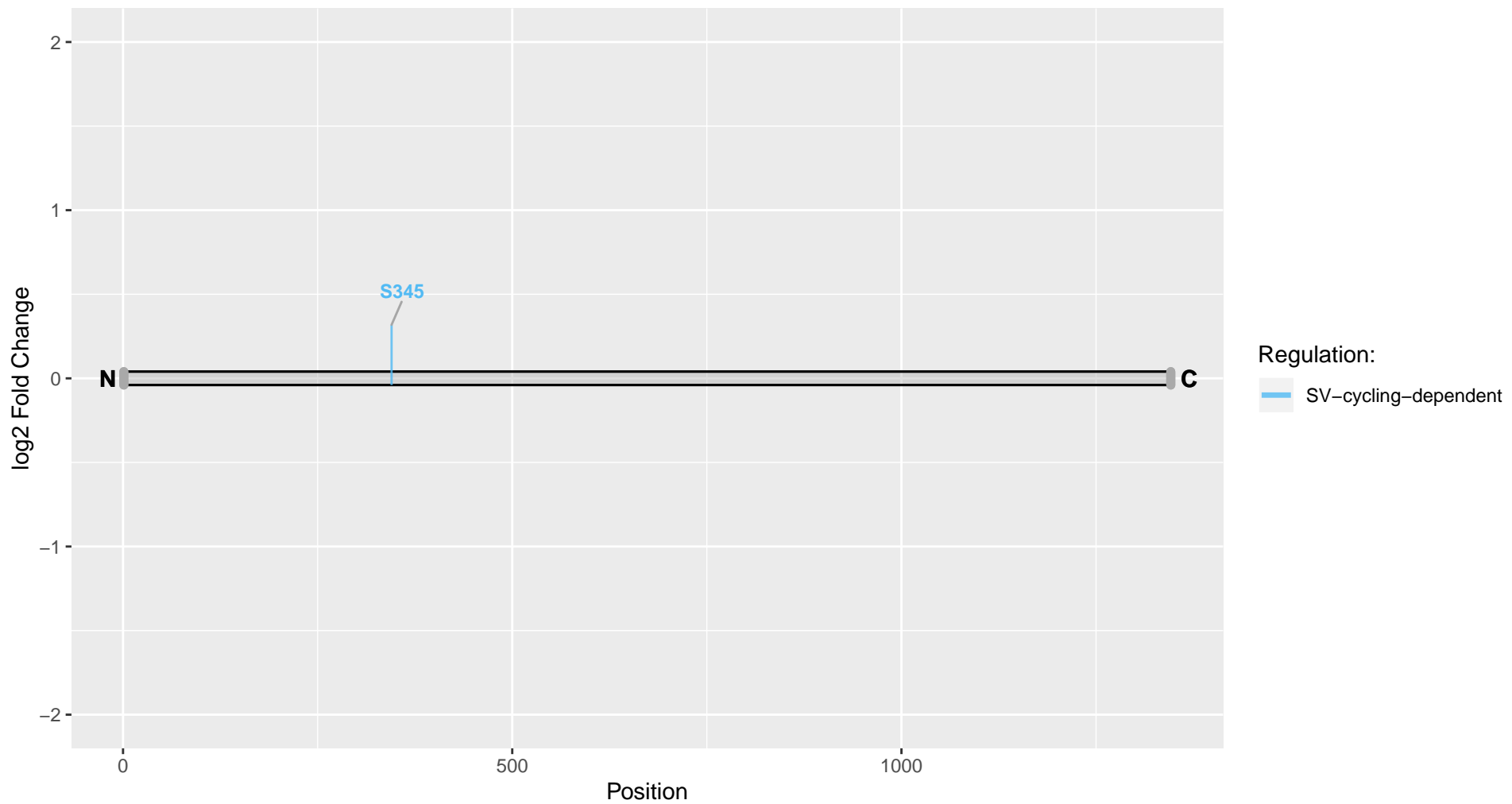
G protein-coupled receptor 162



Gprasp1

Uniprot Accession: Q920R4

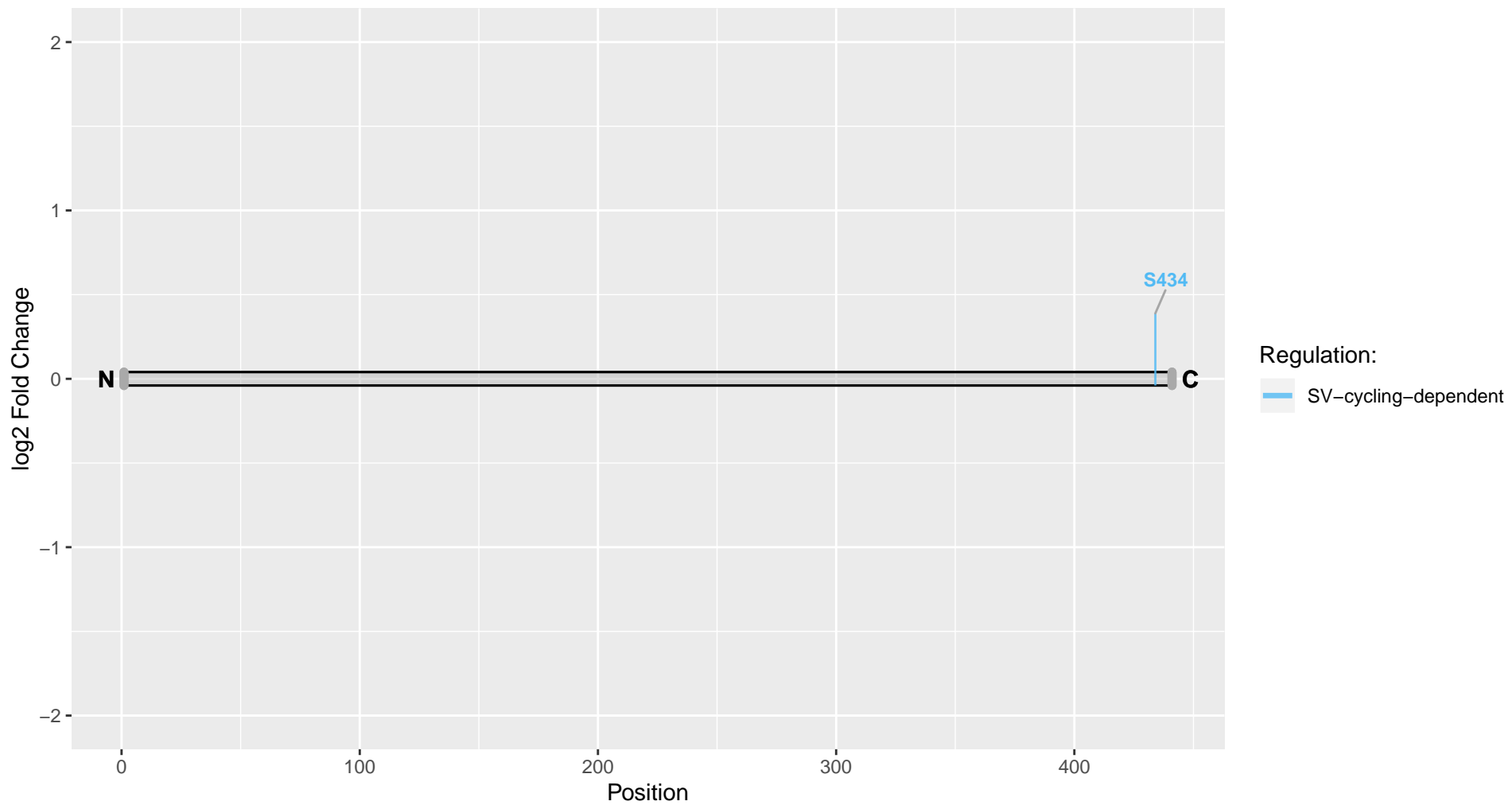
G-protein coupled receptor-associated sorting protein 1



Gprc5c

Uniprot Accession: Q3KRC4

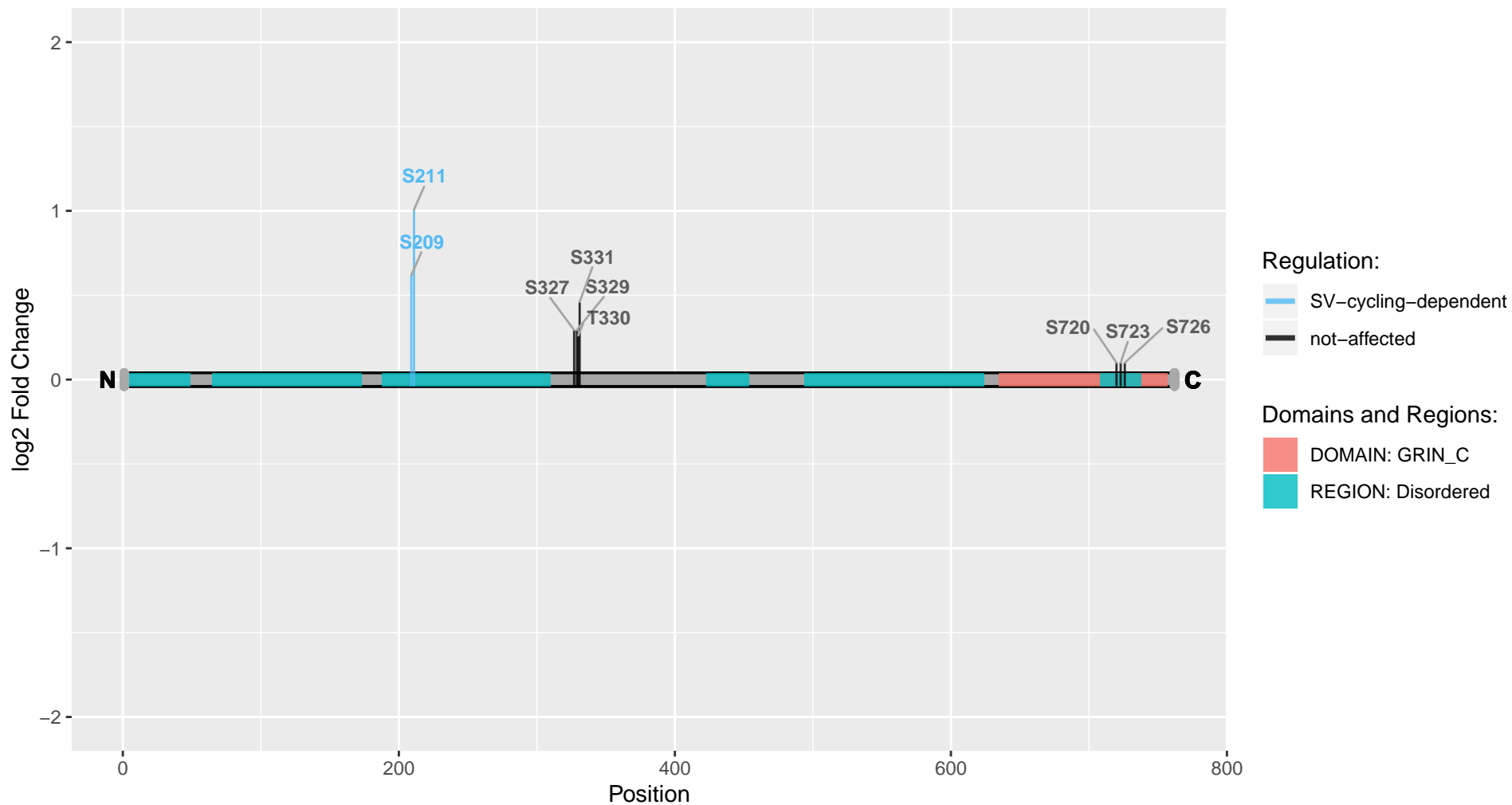
G-protein coupled receptor family C group 5 member C



Gprin3

Uniprot Accession: D3ZF21

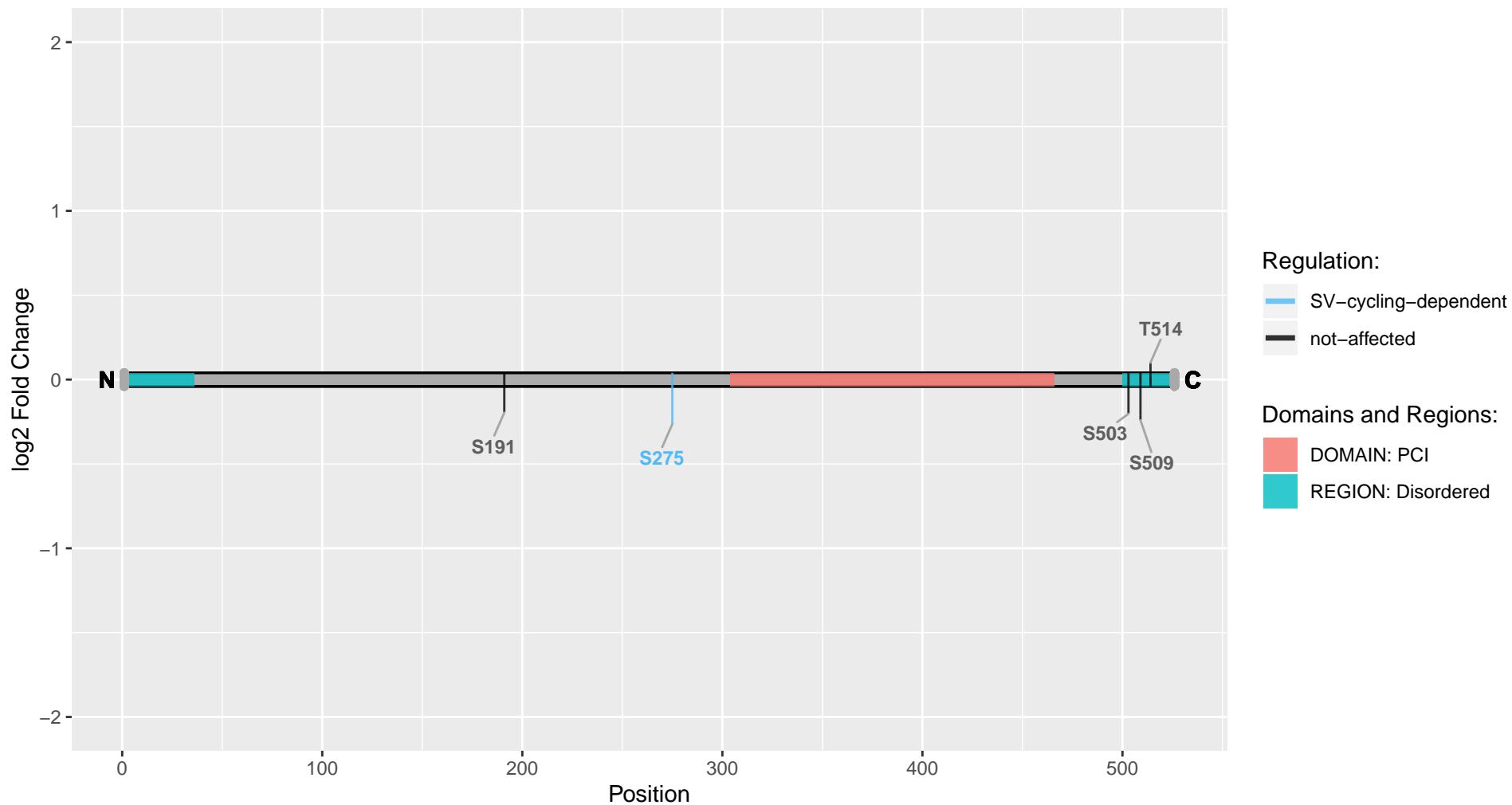
GPRIN family member 3



Gps1

Uniprot Accession: A0A0G2JT06

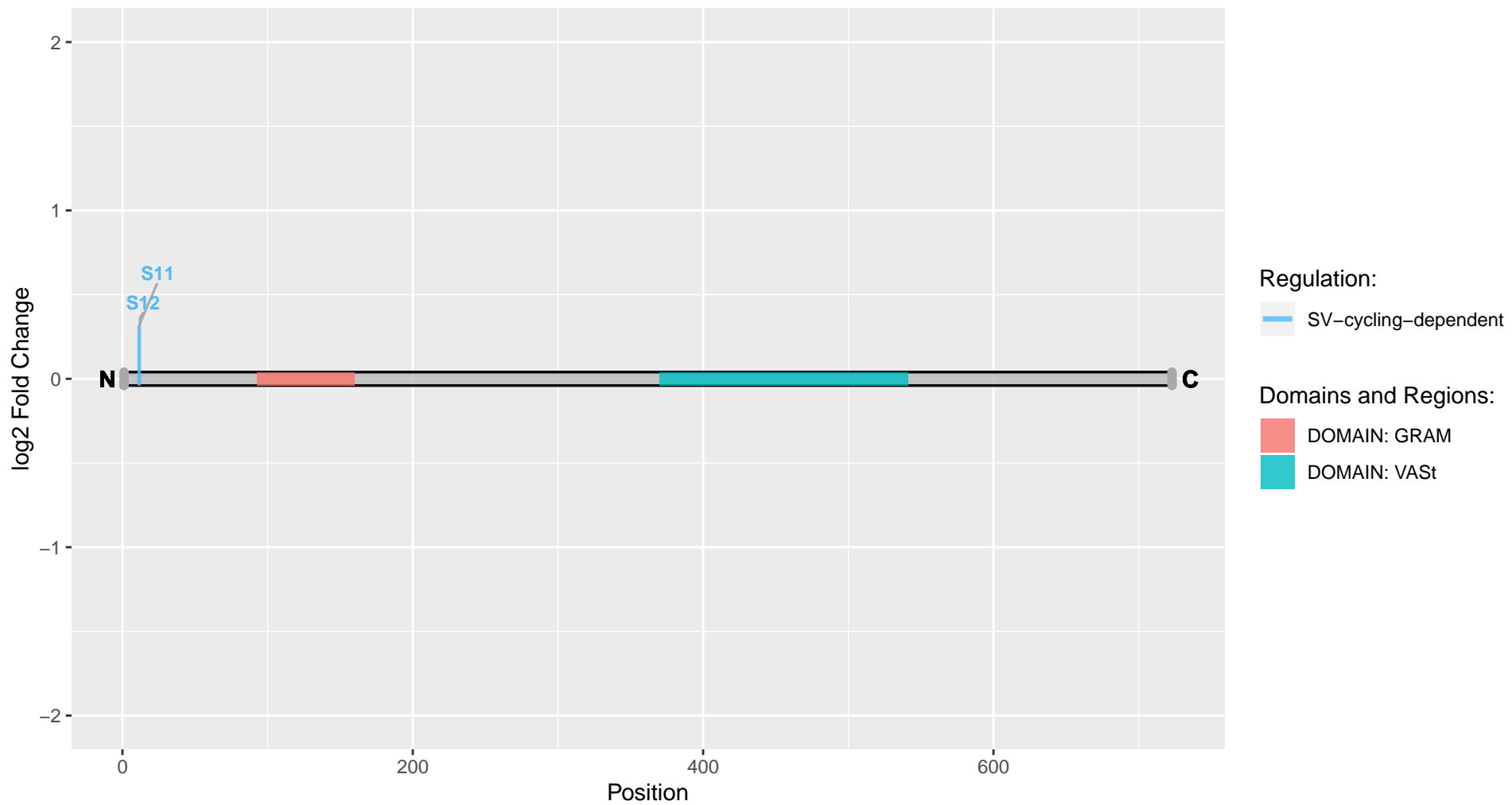
COP9 signalosome complex subunit 1



Gramd1a

Uniprot Accession: Q3KR56

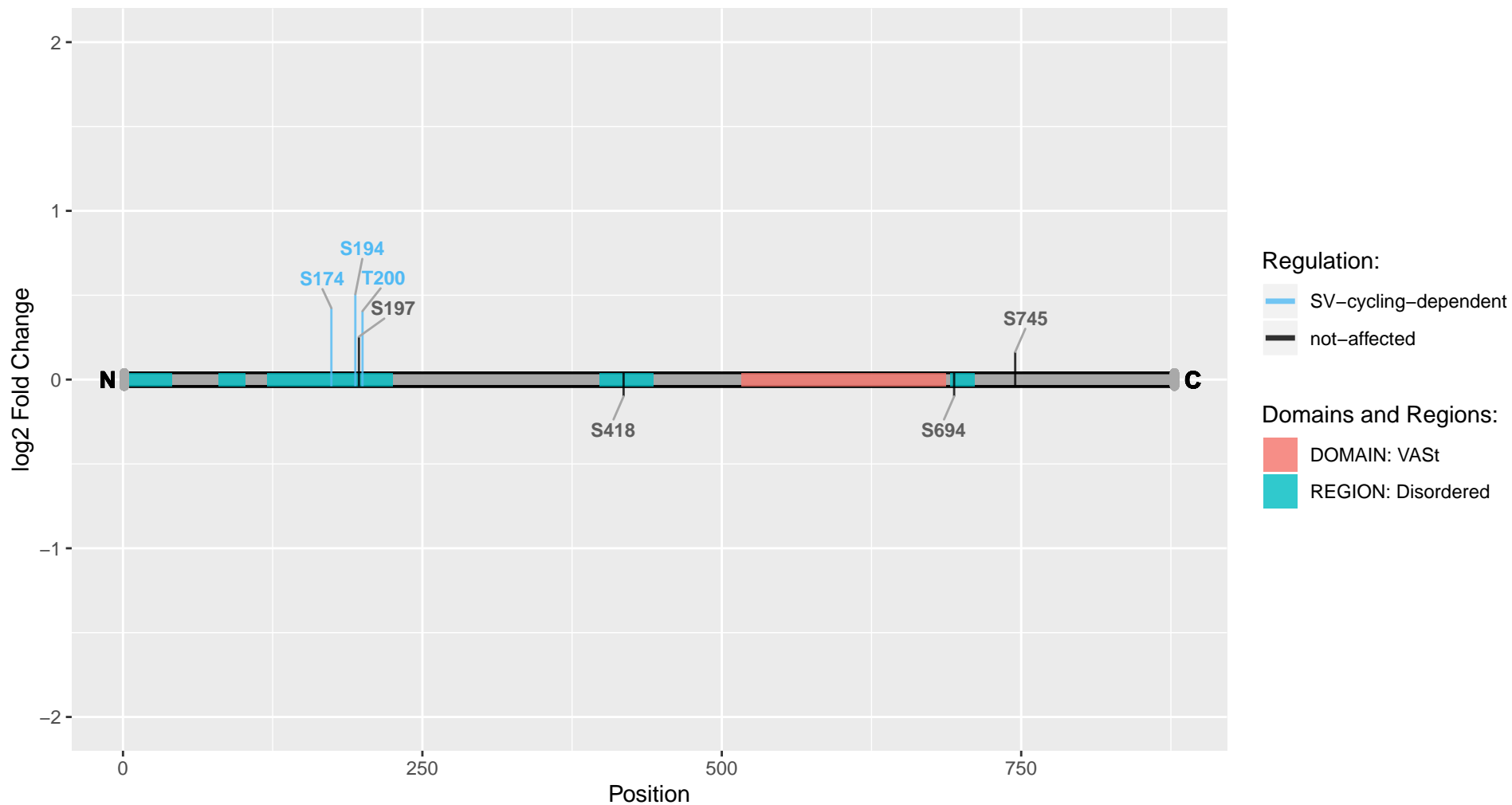
Protein Aster-A



Gramd1b

Uniprot Accession: D3ZYJ5

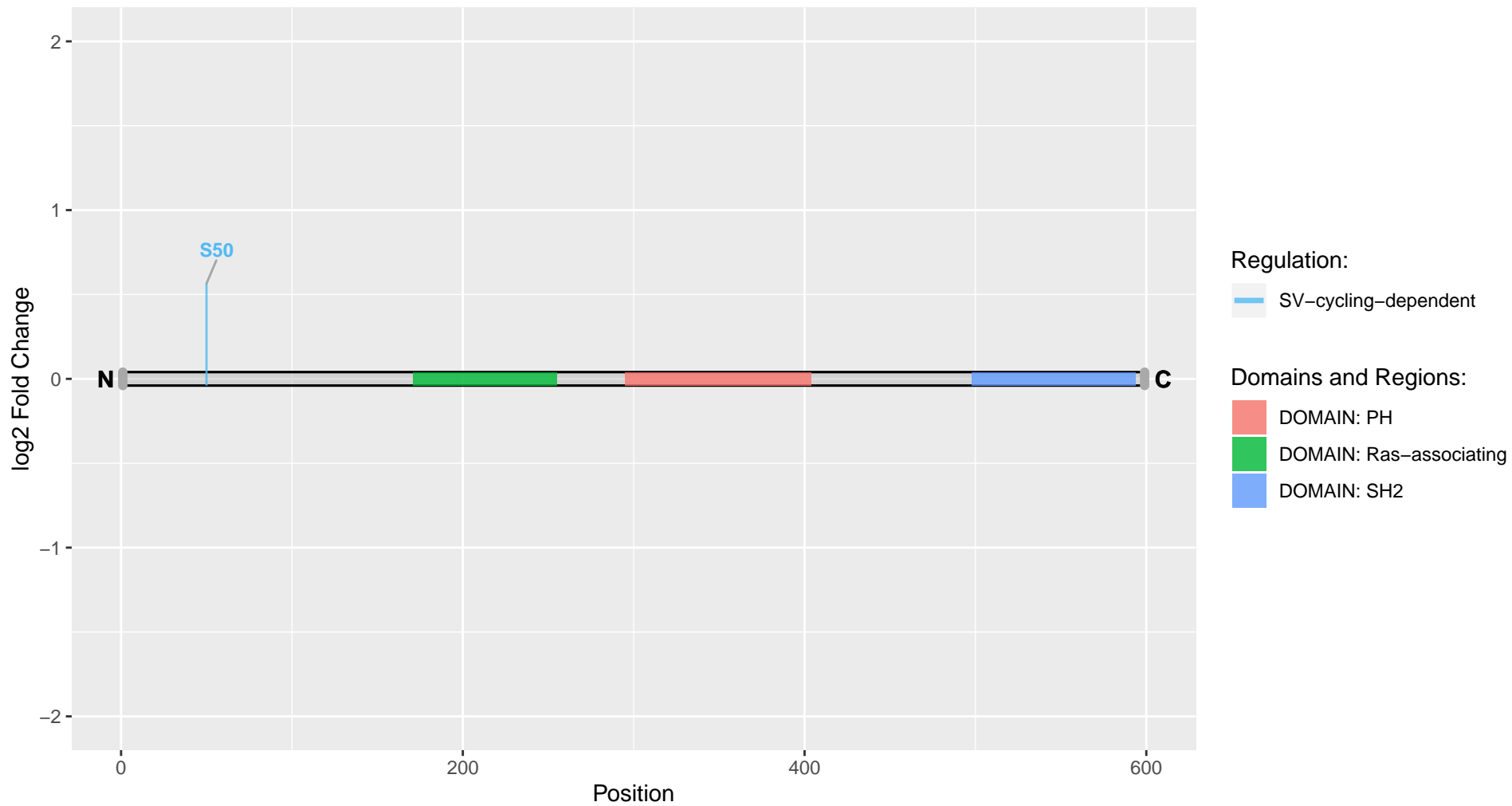
GRAM domain-containing 1B



Grb10

Uniprot Accession: P0CE43

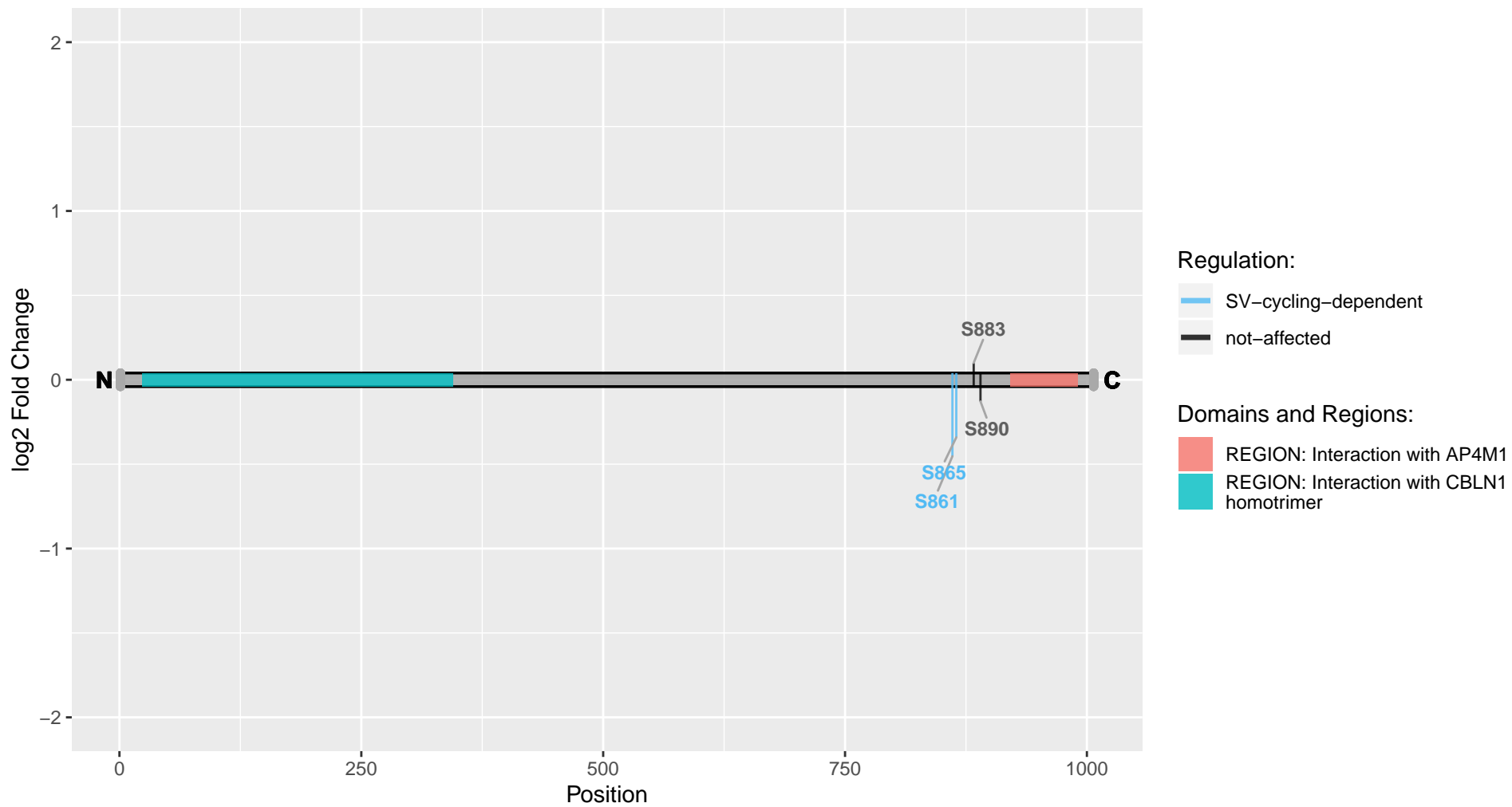
Growth factor receptor-bound protein 10



Grid2

Uniprot Accession: Q63226

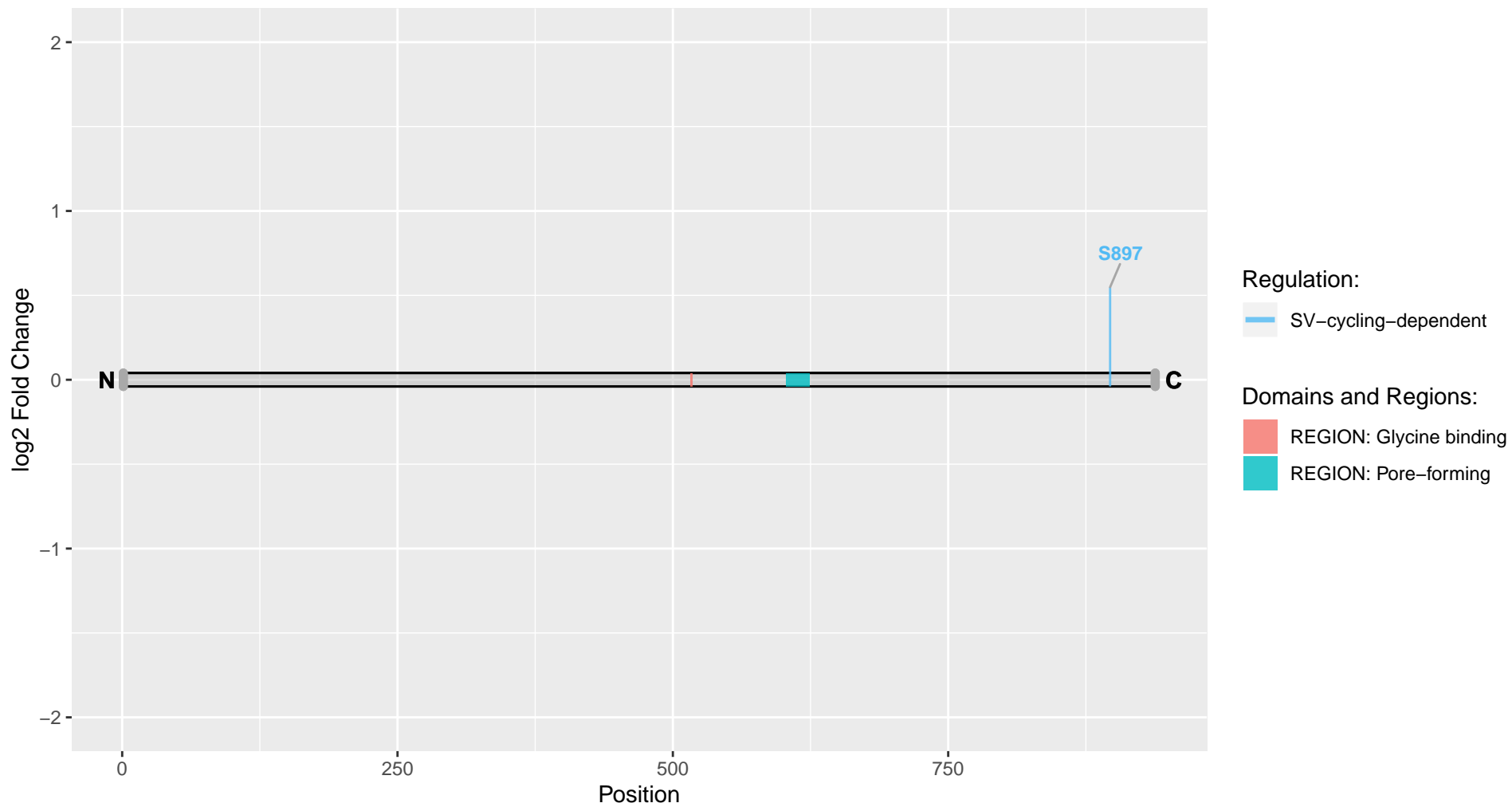
Glutamate receptor ionotropic, delta-2



Grin1

Uniprot Accession: P35439

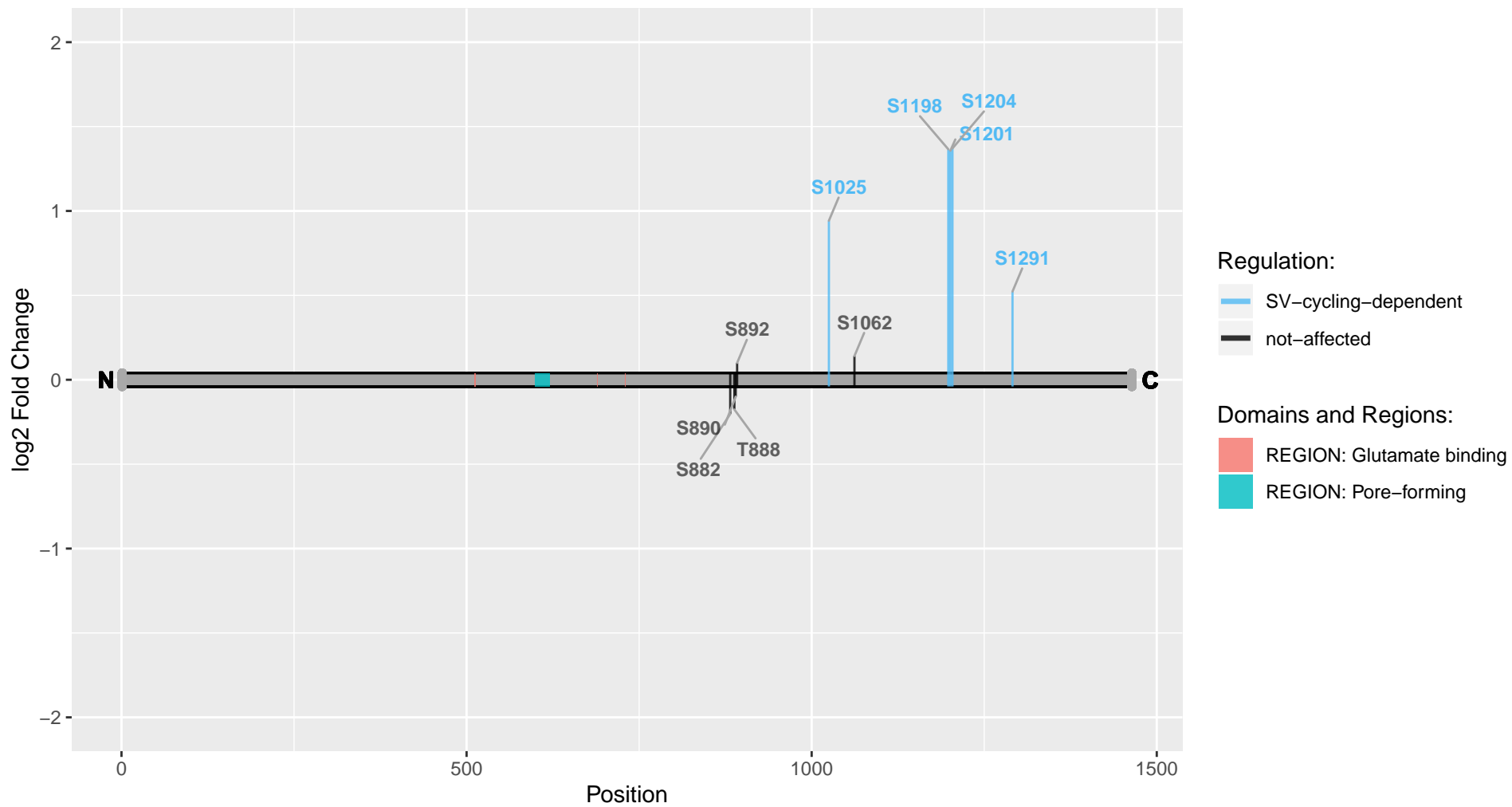
Glutamate receptor ionotropic, NMDA 1



Grin2a

Uniprot Accession: Q00959

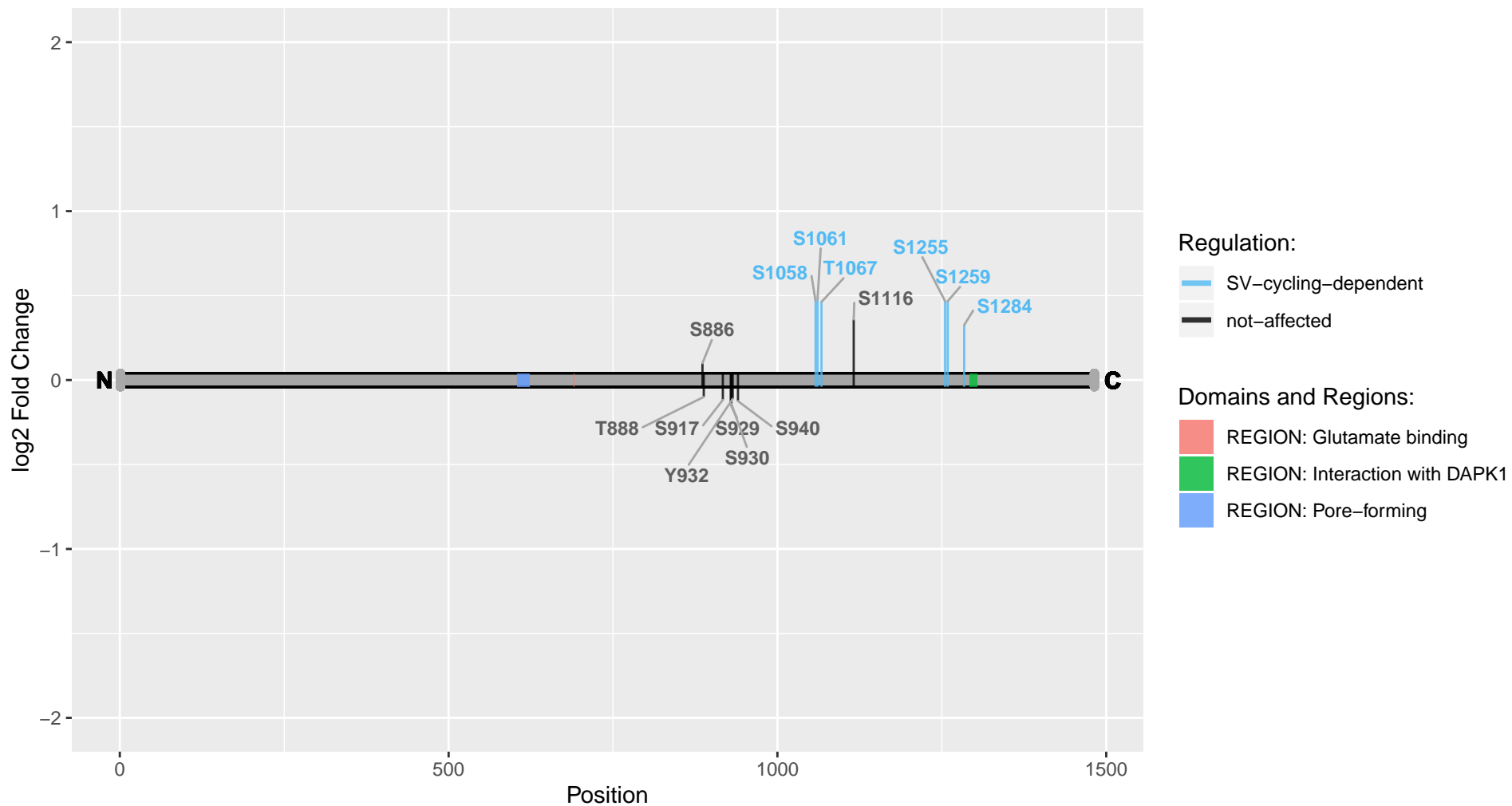
Glutamate receptor ionotropic, NMDA 2A



Grin2b

Uniprot Accession: Q00960

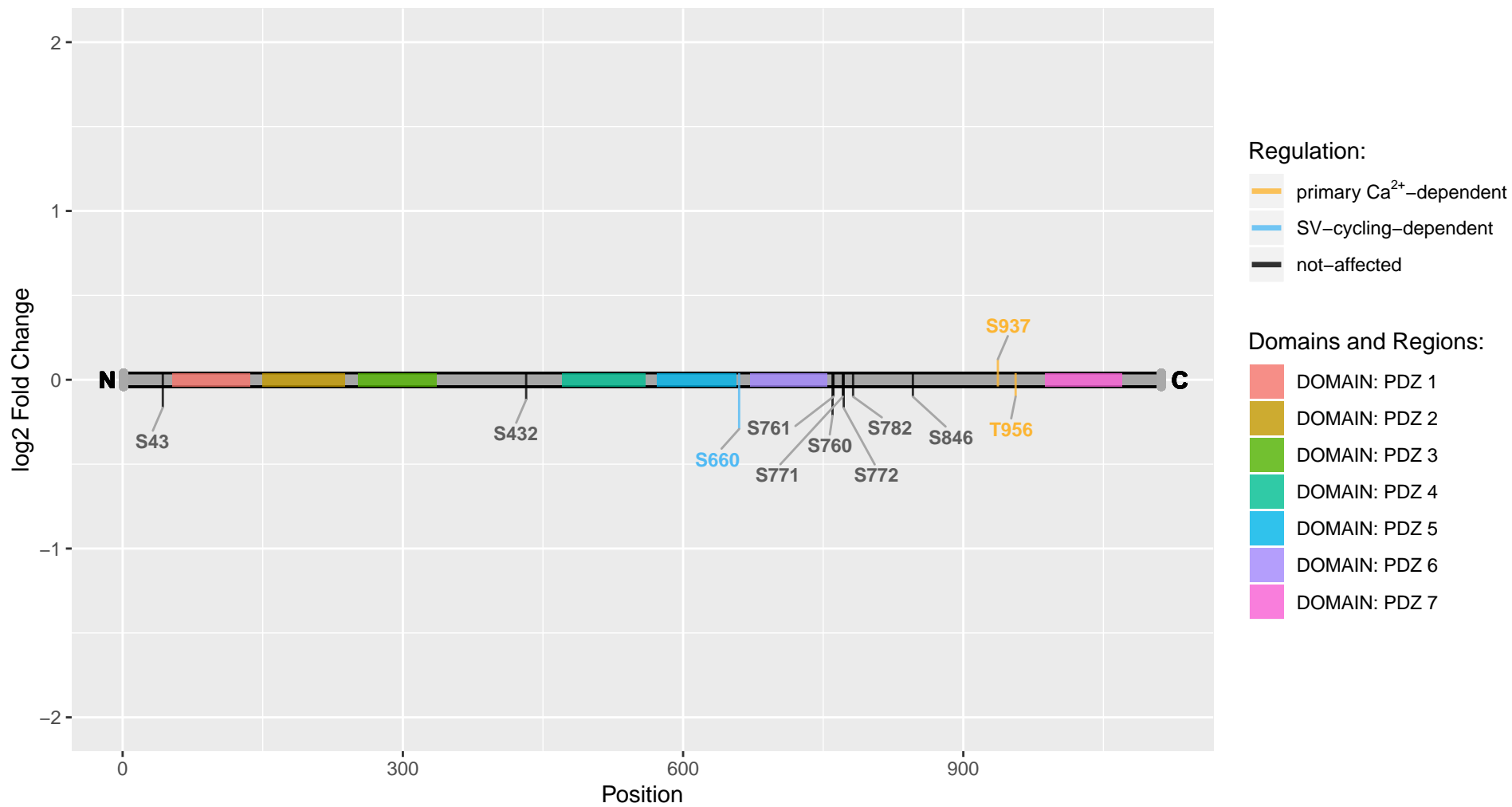
Glutamate receptor ionotropic, NMDA 2B



Grip1

Uniprot Accession: P97879

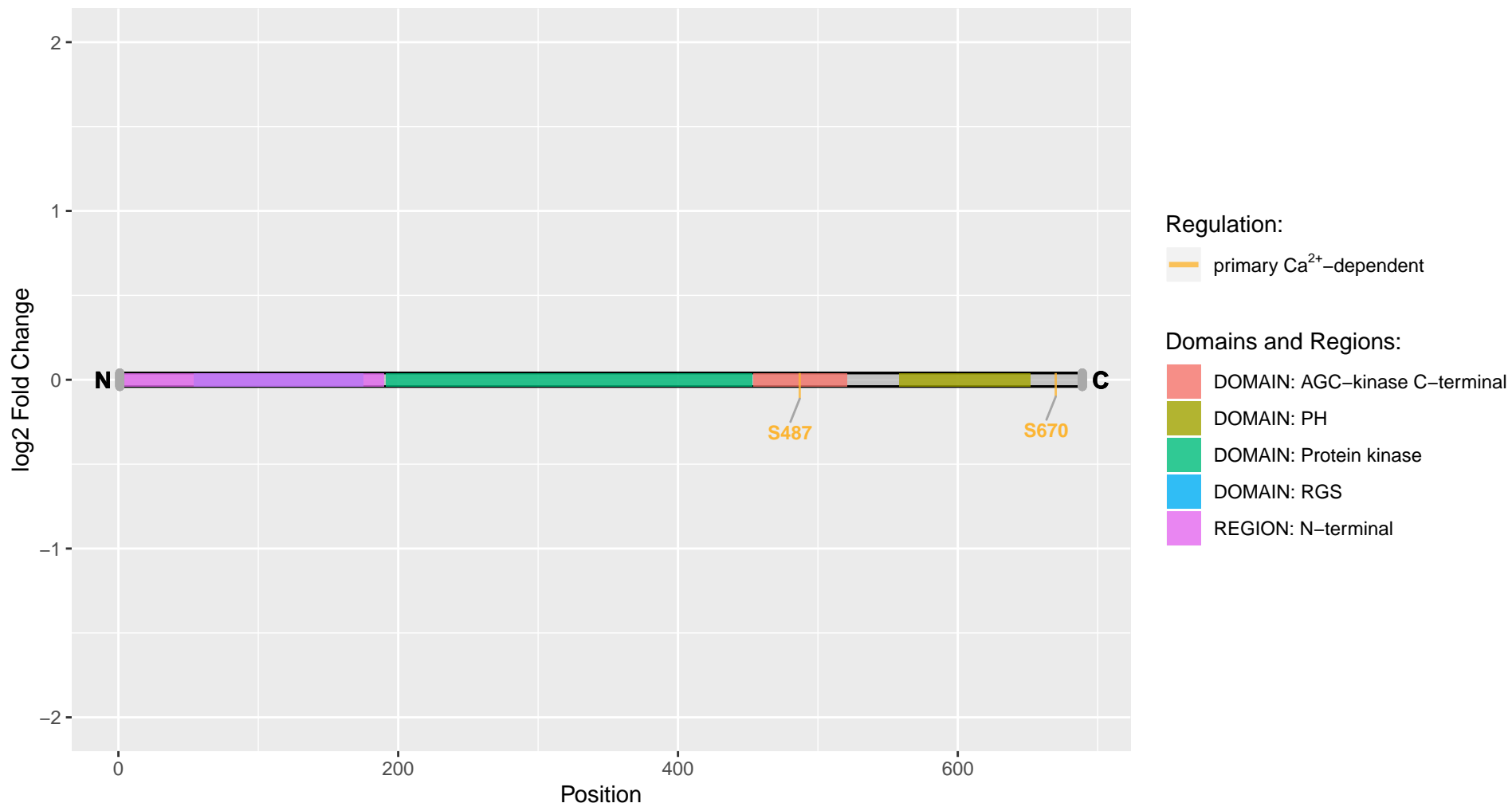
Glutamate receptor-interacting protein 1



Grk2

Uniprot Accession: P26817

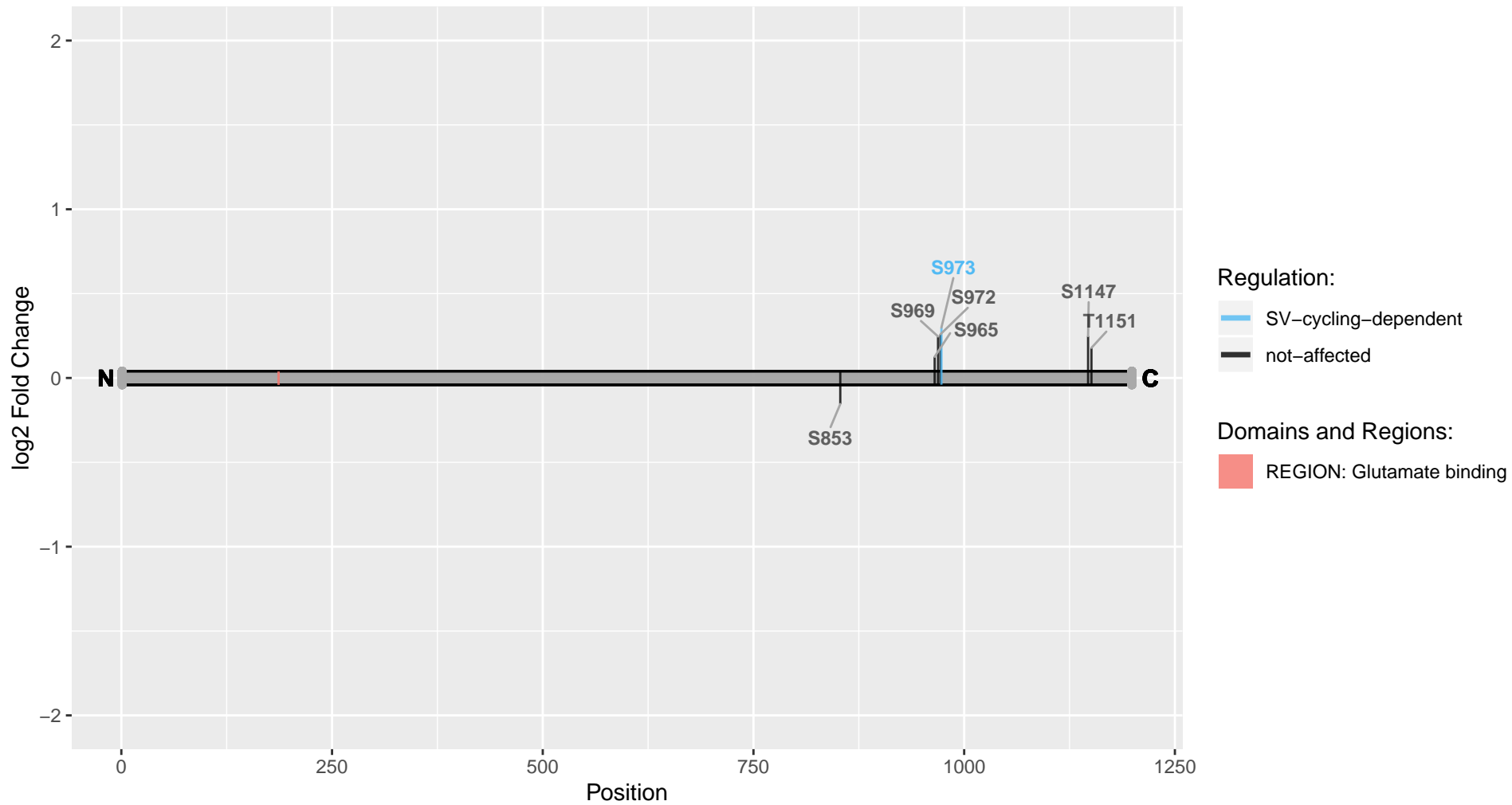
Beta-adrenergic receptor kinase 1



Grm1

Uniprot Accession: P23385

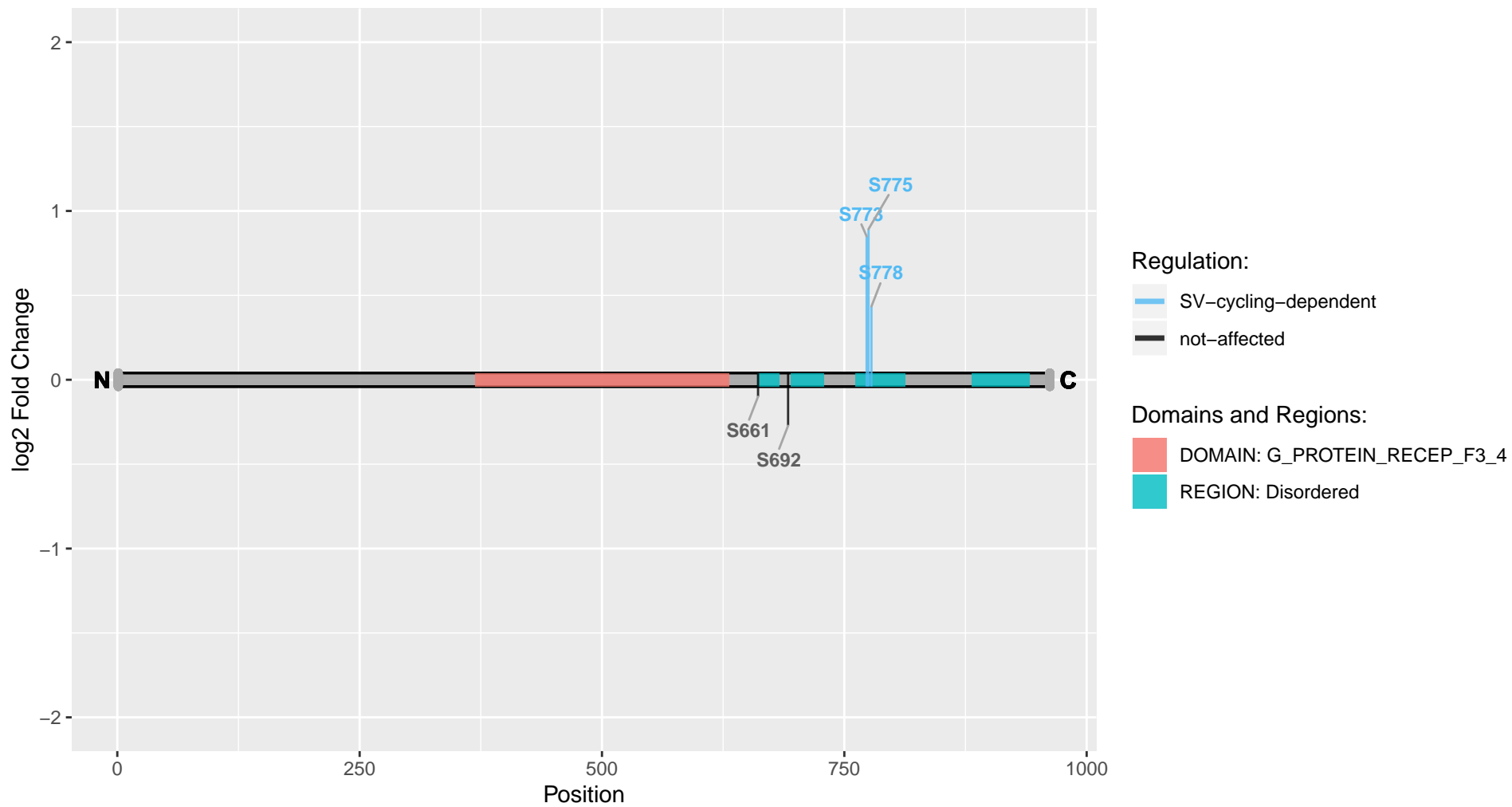
Metabotropic glutamate receptor 1



Grm5

Uniprot Accession: A0A0H2UHW6

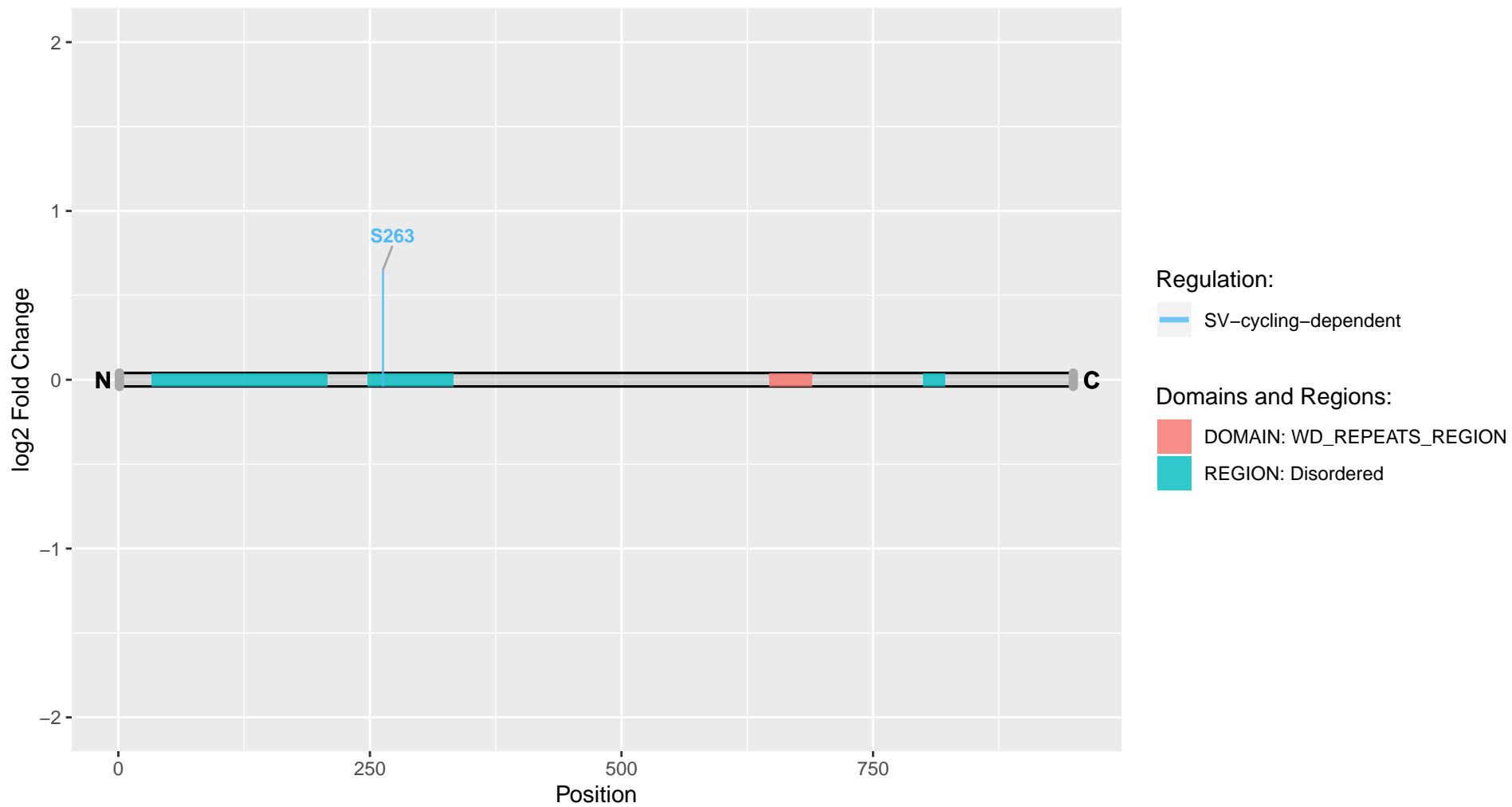
Metabotropic glutamate receptor 5



Gtf3c2

Uniprot Accession: A0A0G2JY75

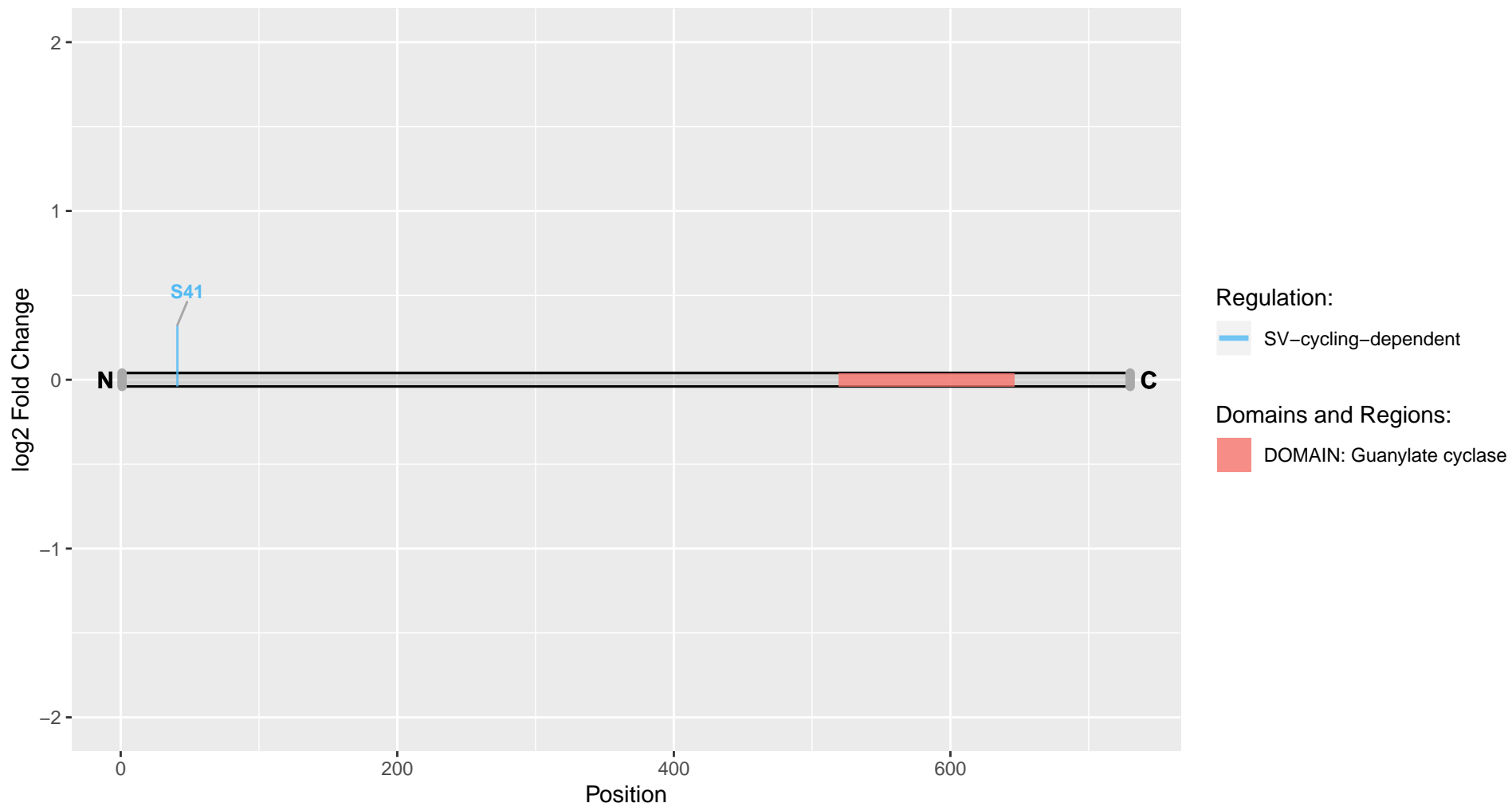
General transcription factor IIIC subunit 2



Gucy1a2

Uniprot Accession: Q9WVI4

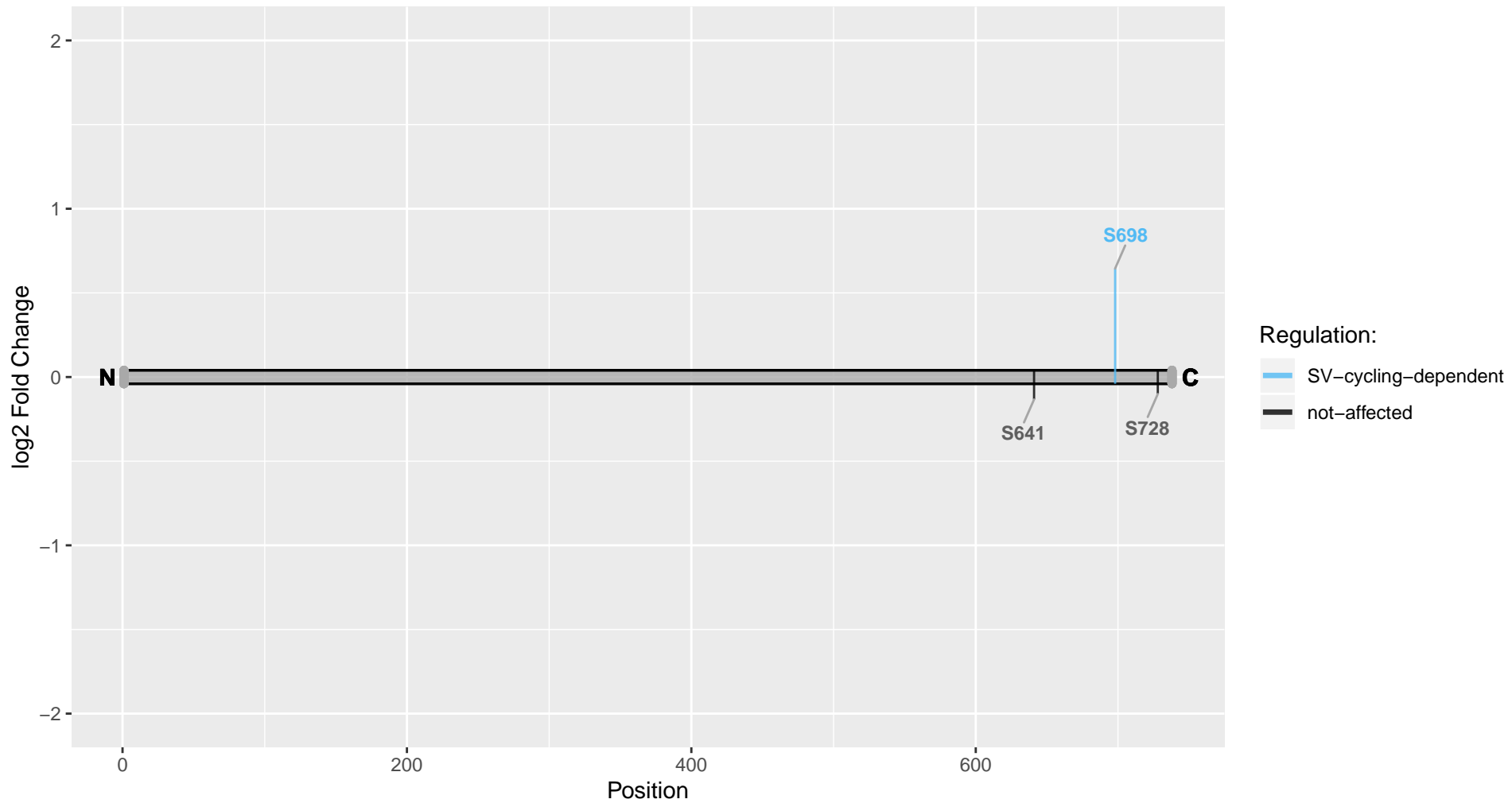
Guanylate cyclase soluble subunit alpha-2



Gys1

Uniprot Accession: A2RRU1

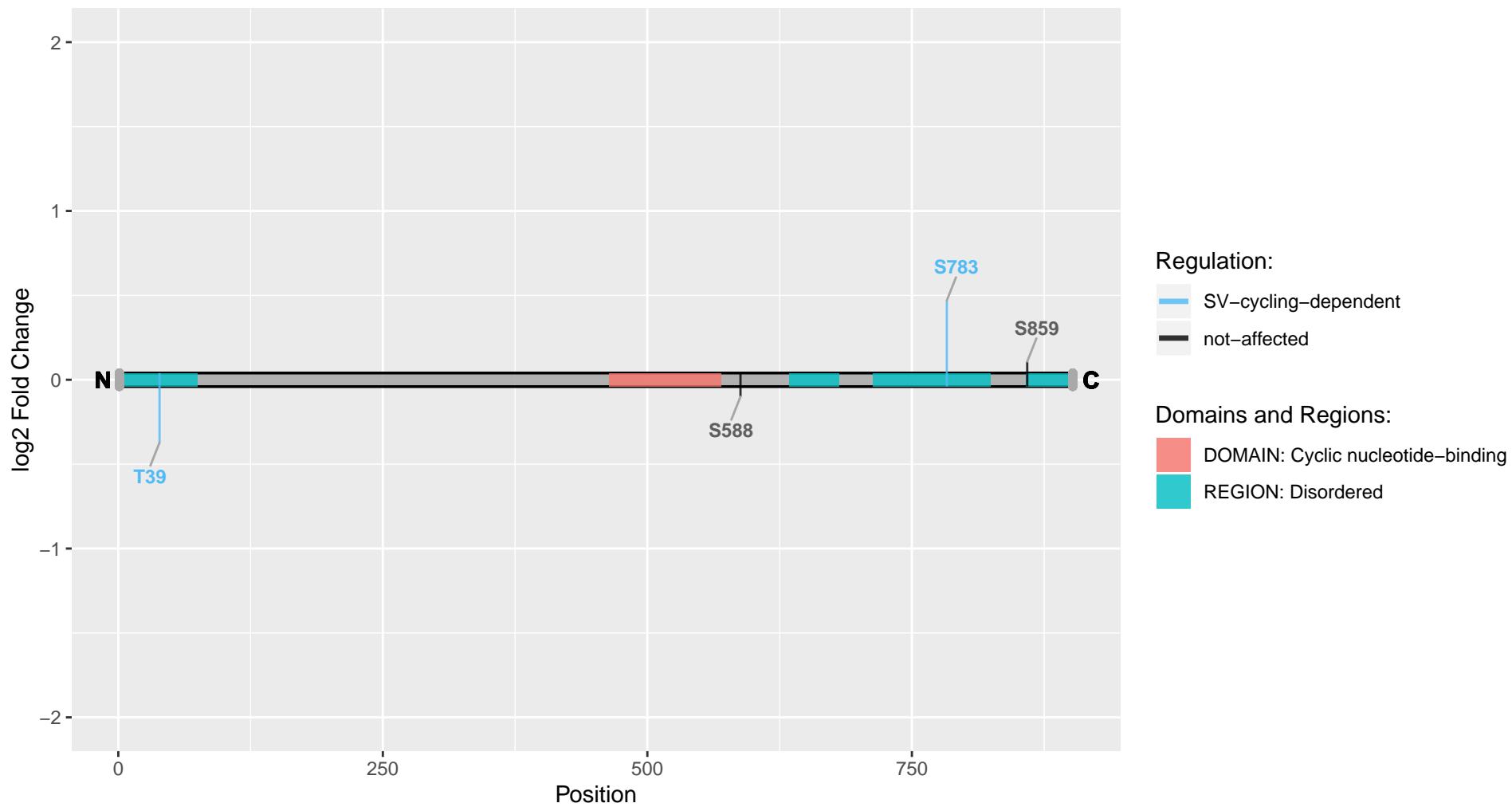
Glycogen [starch] synthase, muscle



Hcn1

Uniprot Accession: F1LSH6

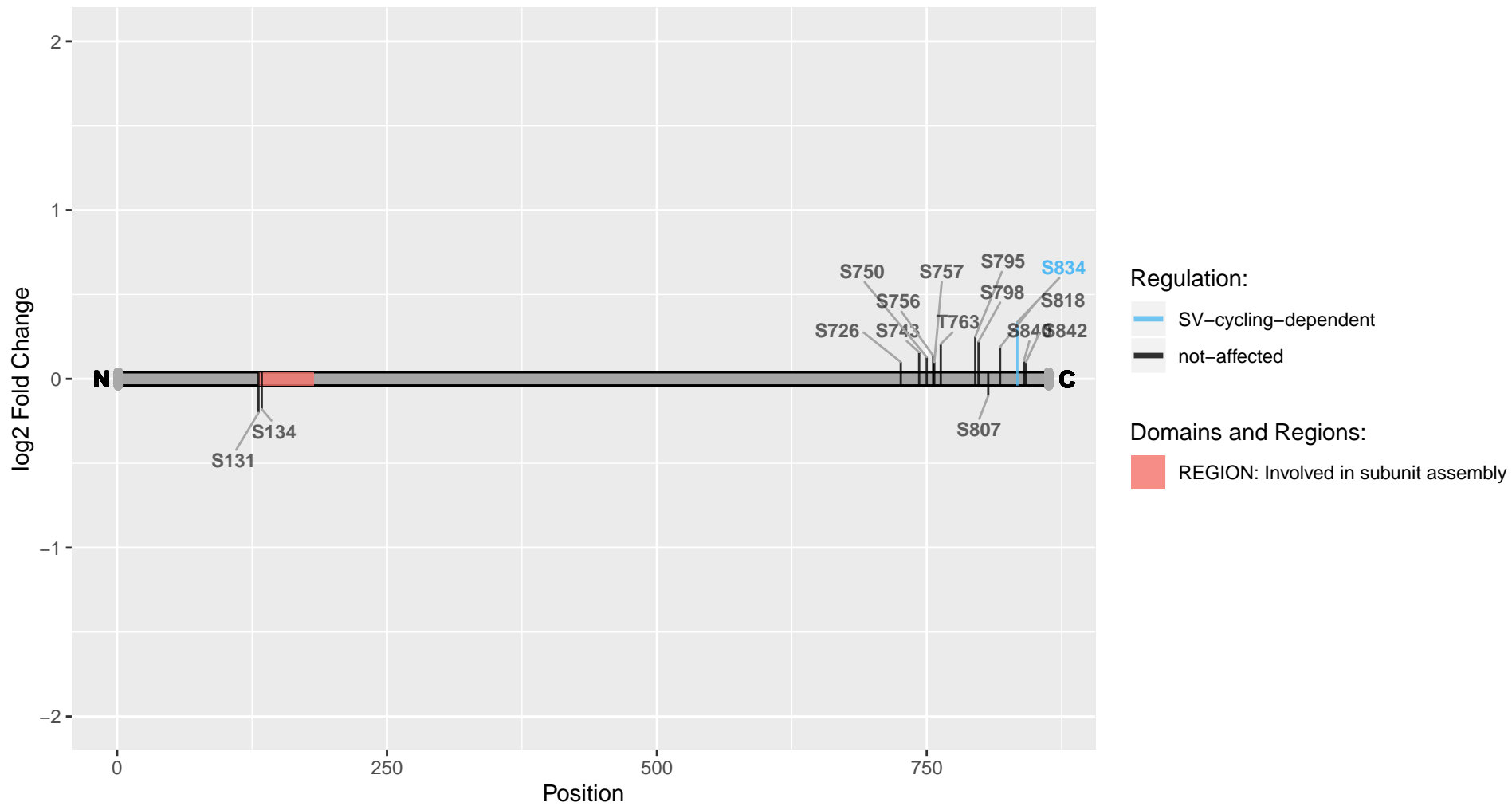
Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1



Hcn2

Uniprot Accession: Q9JKA9

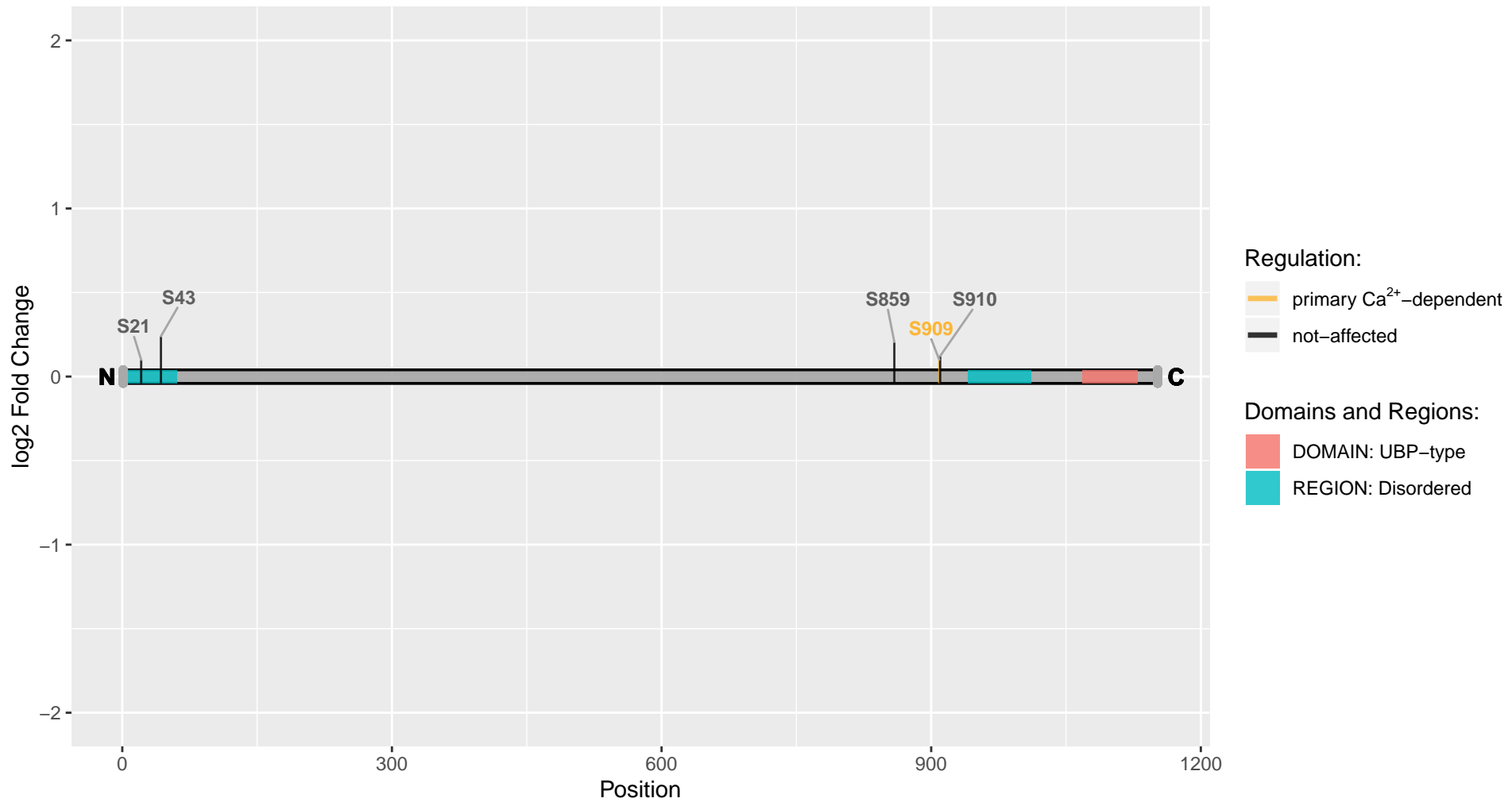
Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2



Hdac6

Uniprot Accession: A0A0G2QC41

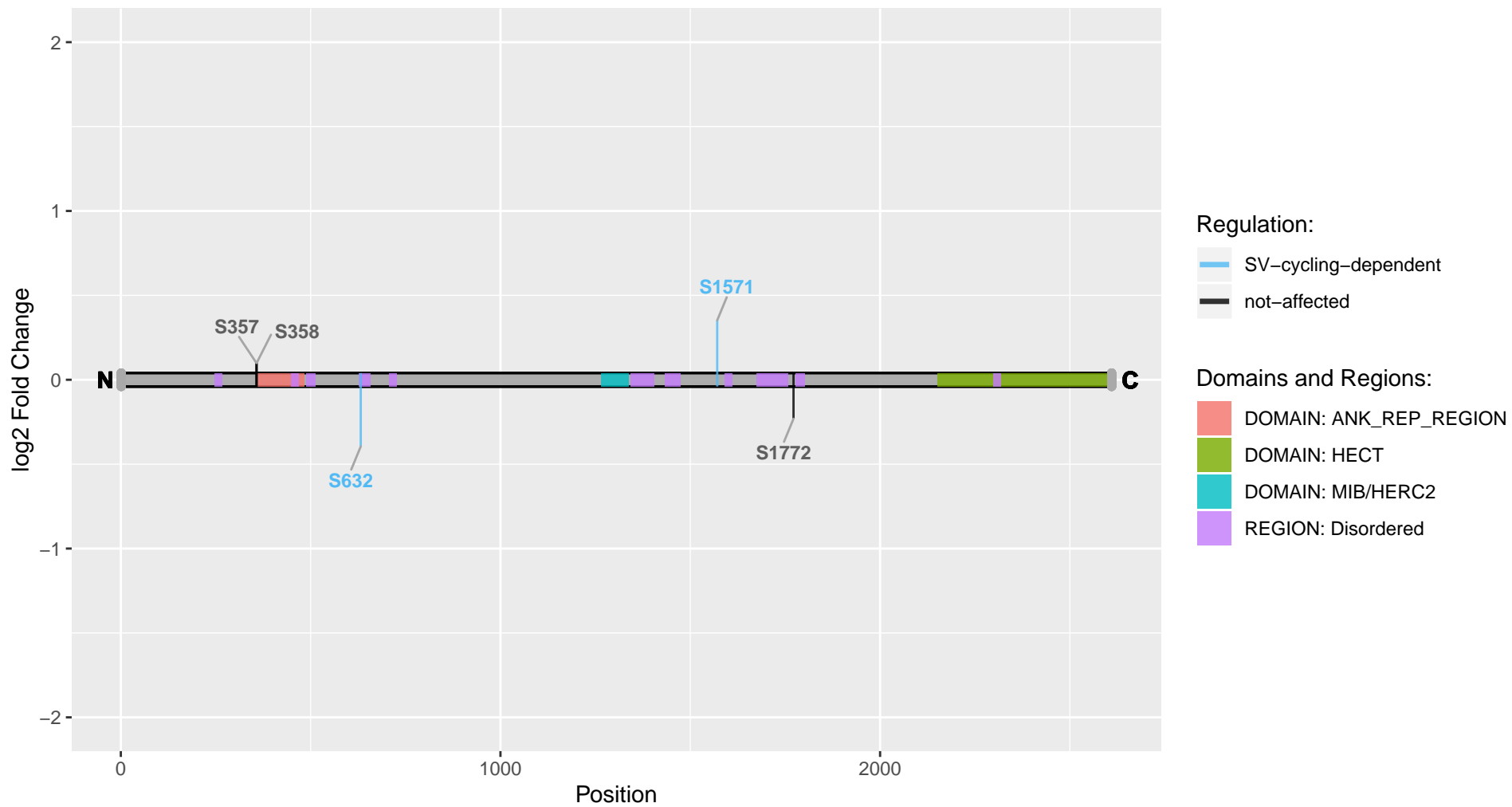
Histone deacetylase 6



Hectd1

Uniprot Accession: D3ZLS5

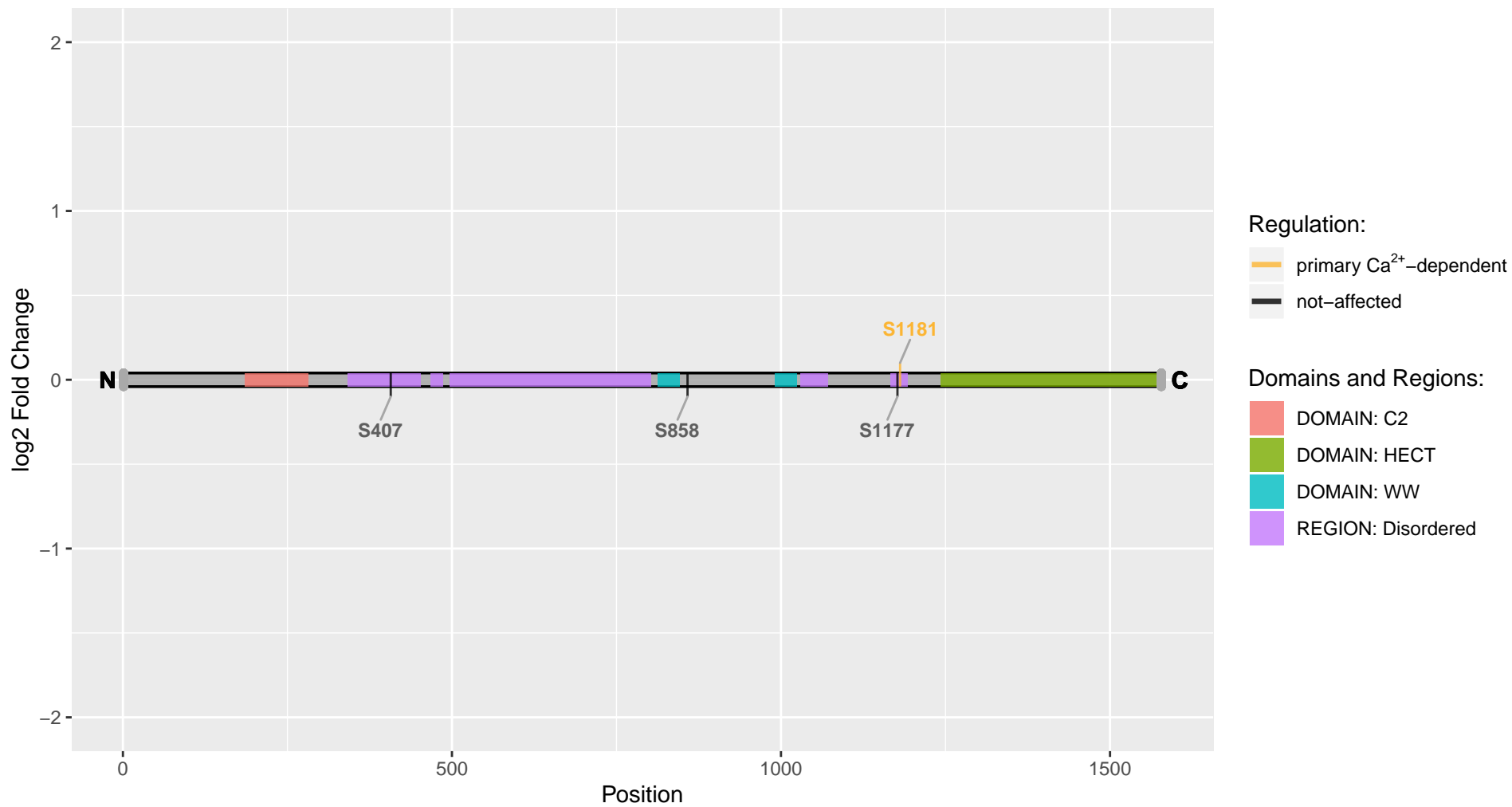
HECT domain E3 ubiquitin protein ligase 1



Hecw2

Uniprot Accession: D4ADD3

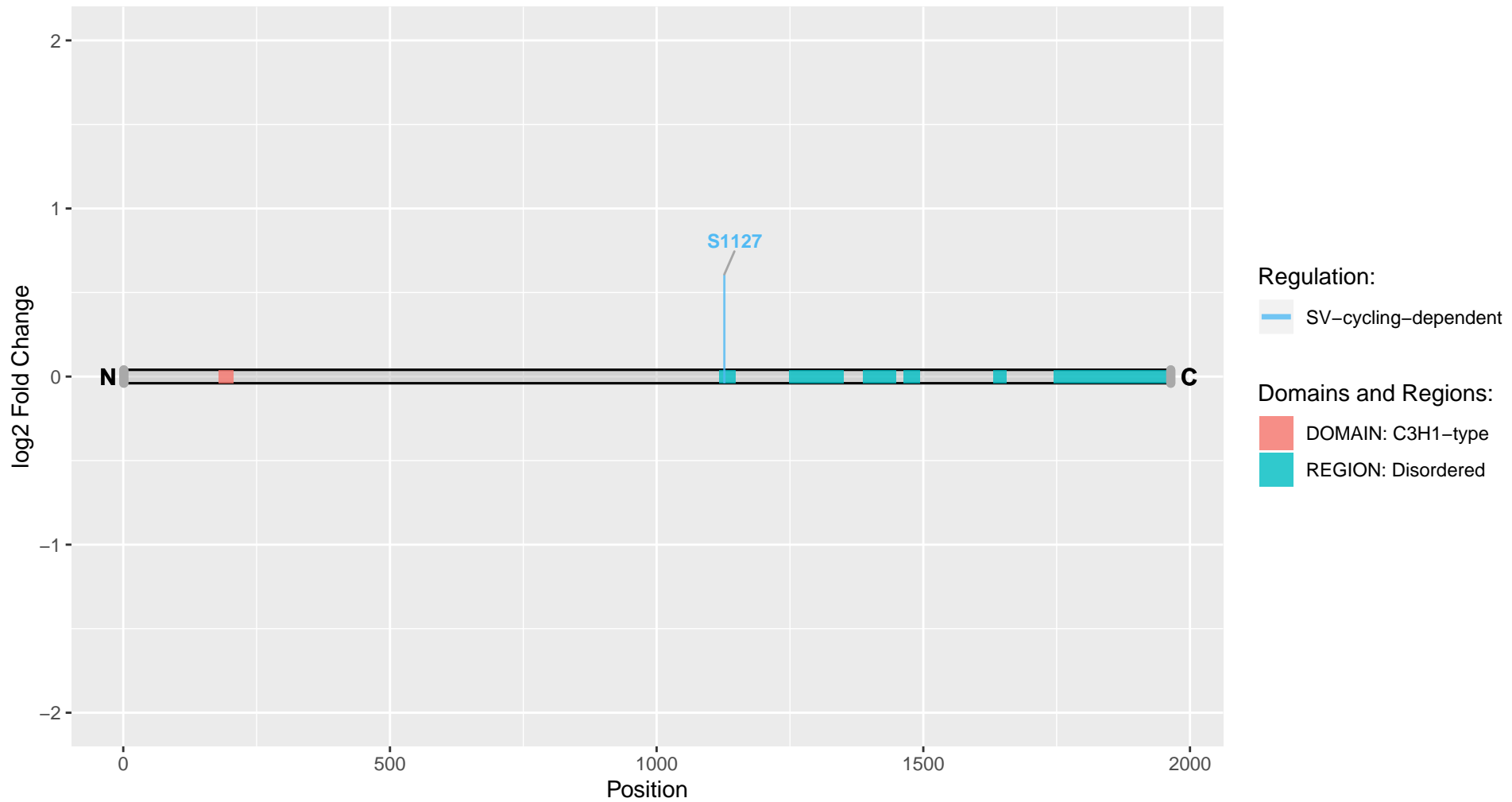
HECT, C2 and WW domain-containing E3 ubiquitin protein ligase 2



Helz

Uniprot Accession: D4ADZ6

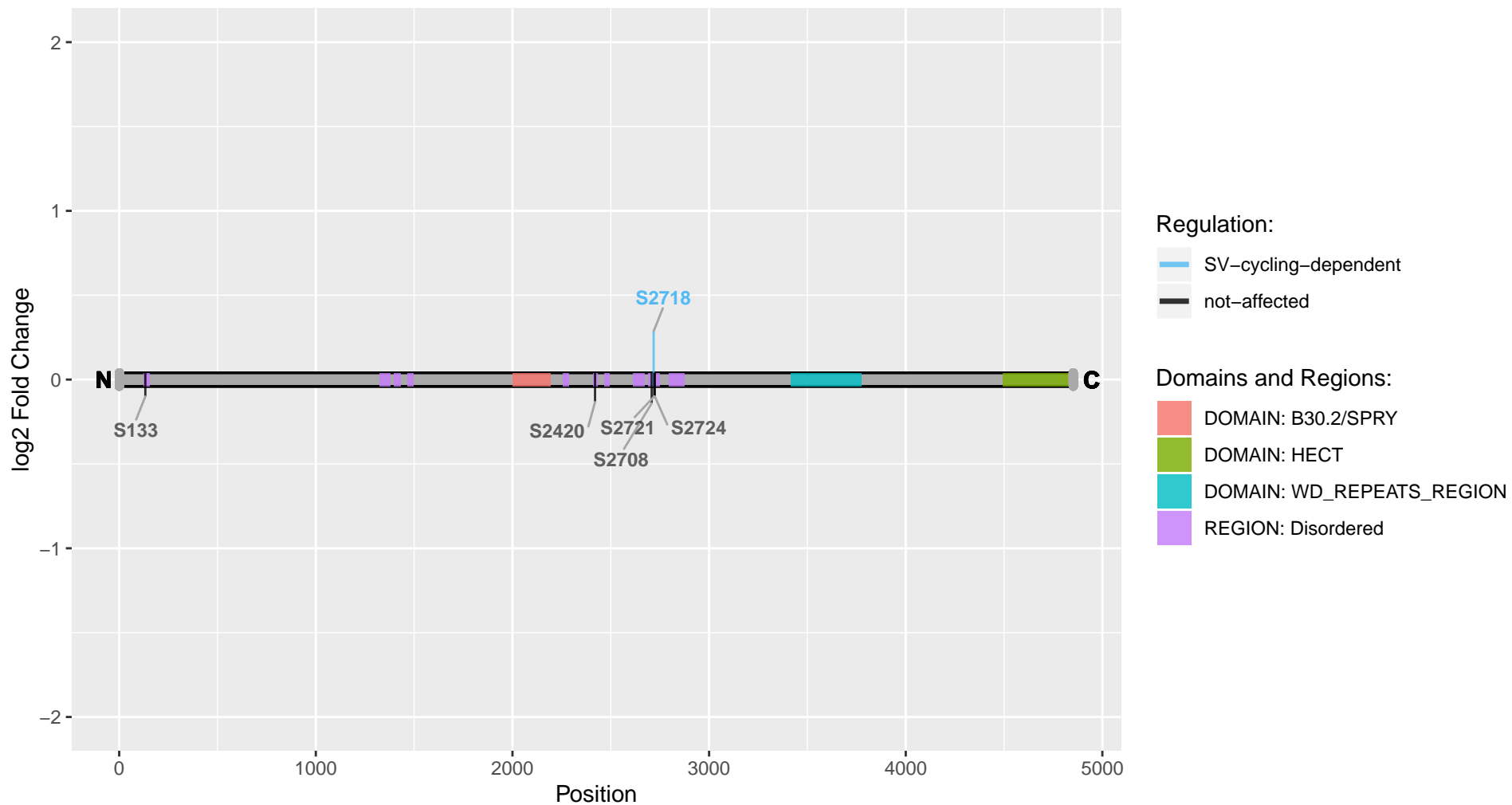
Helicase with zinc finger



Herc1

Uniprot Accession: A0A0G2JTT6

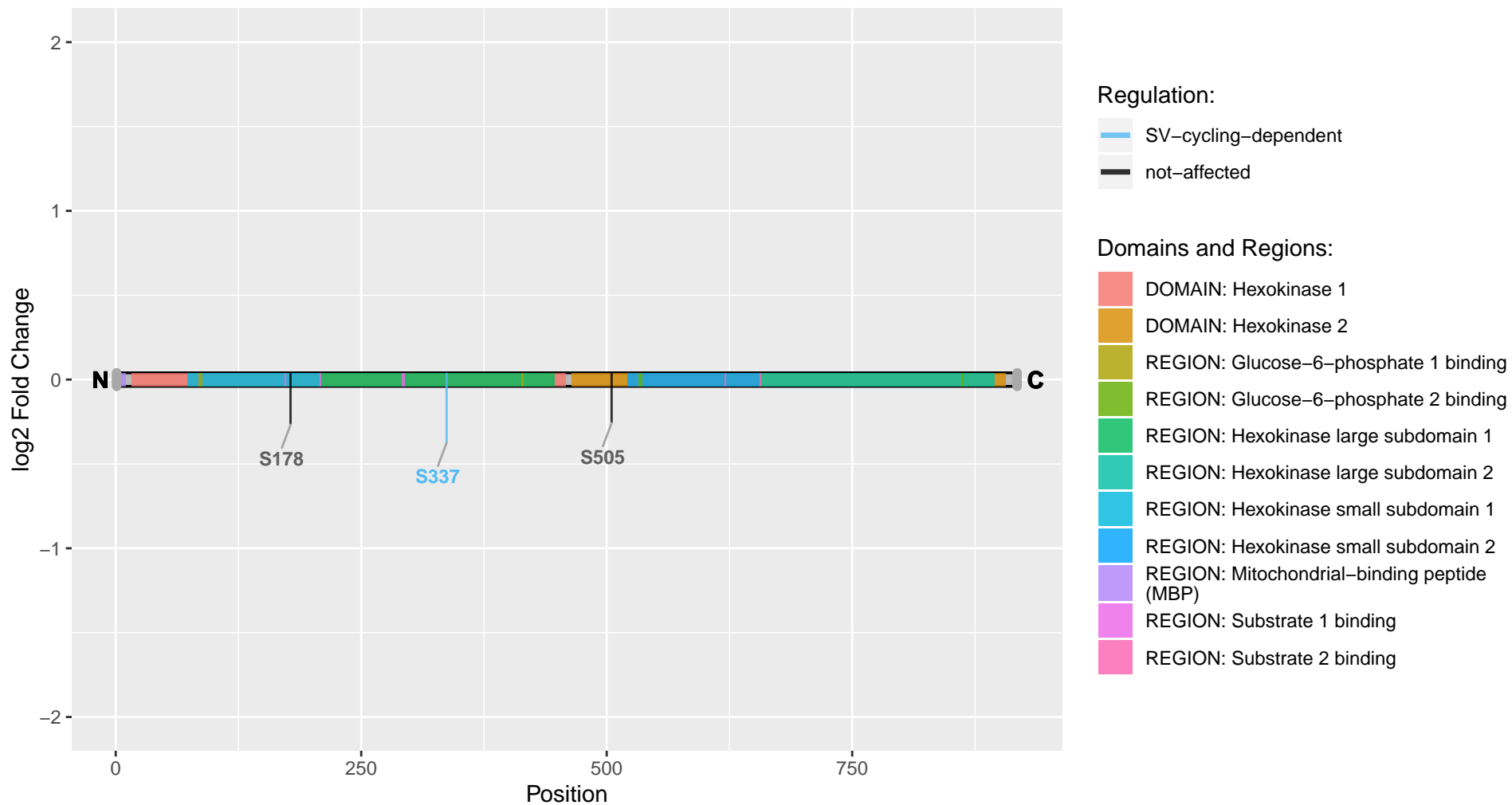
HECT and RLD domain-containing E3 ubiquitin protein ligase family member 1



Hk1

Uniprot Accession: P05708

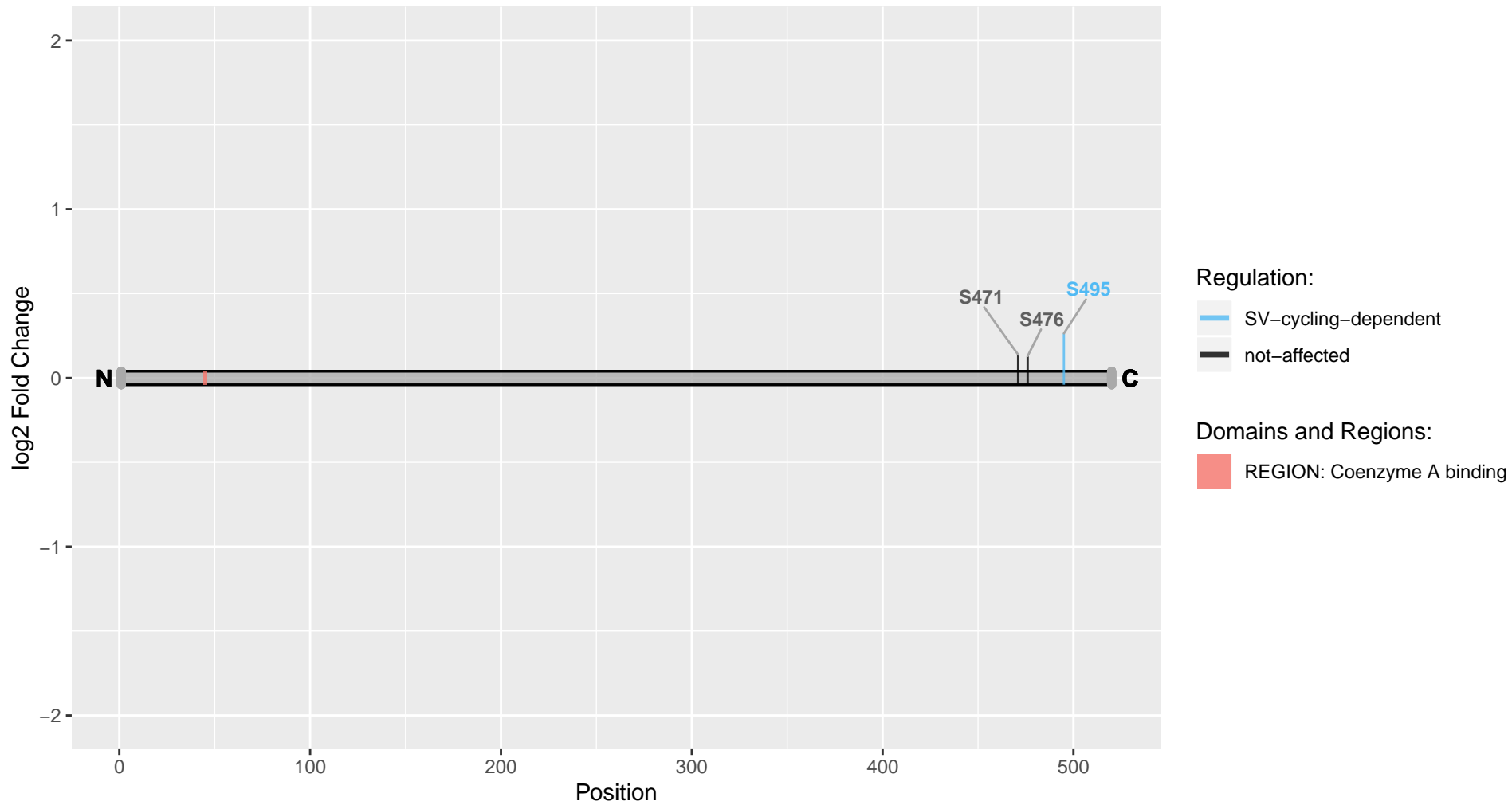
Hexokinase-1



Hmgcs1

Uniprot Accession: P17425

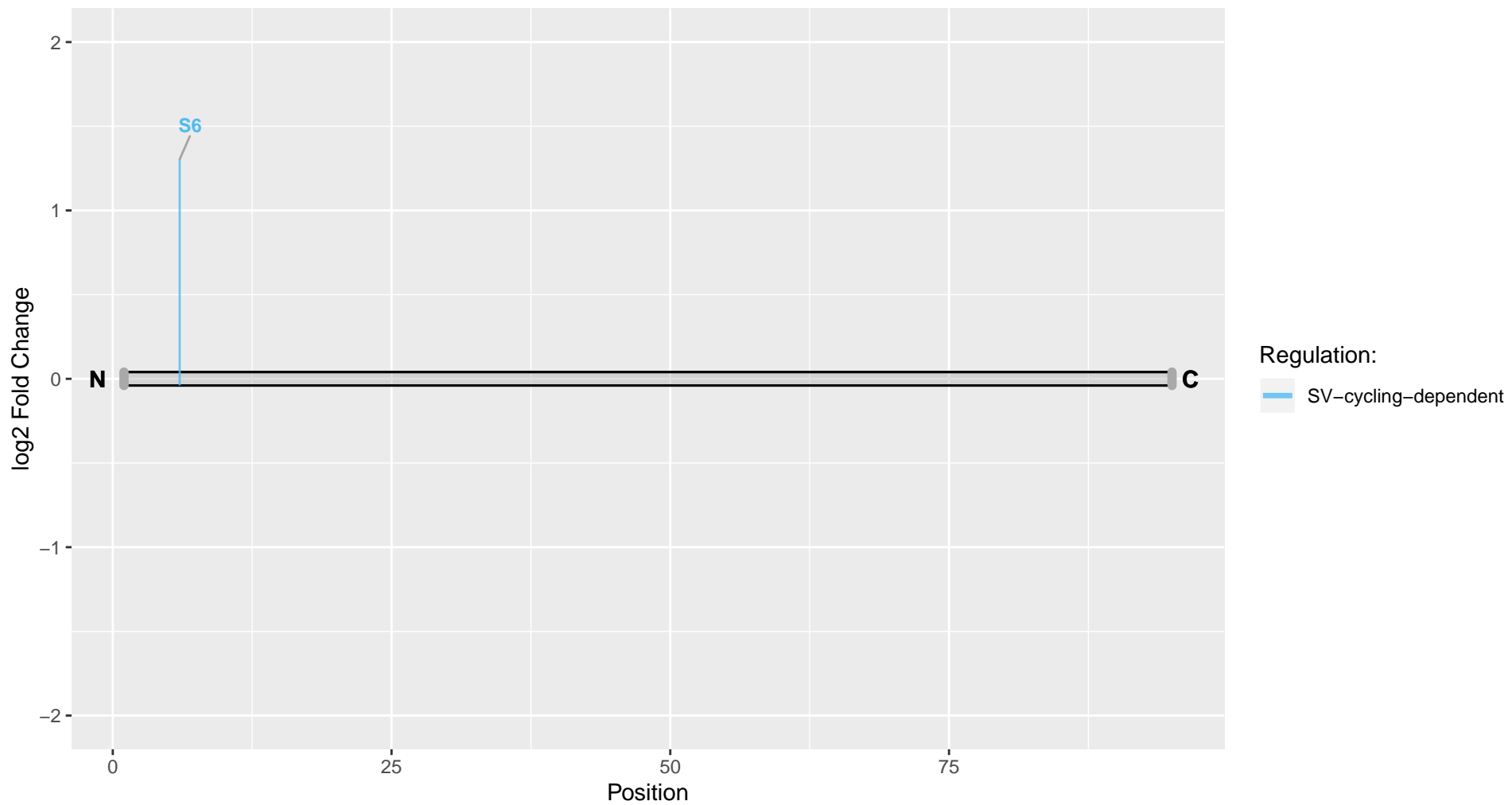
Hydroxymethylglutaryl-CoA synthase, cytoplasmic



Hmgn3

Uniprot Accession: Q66H40

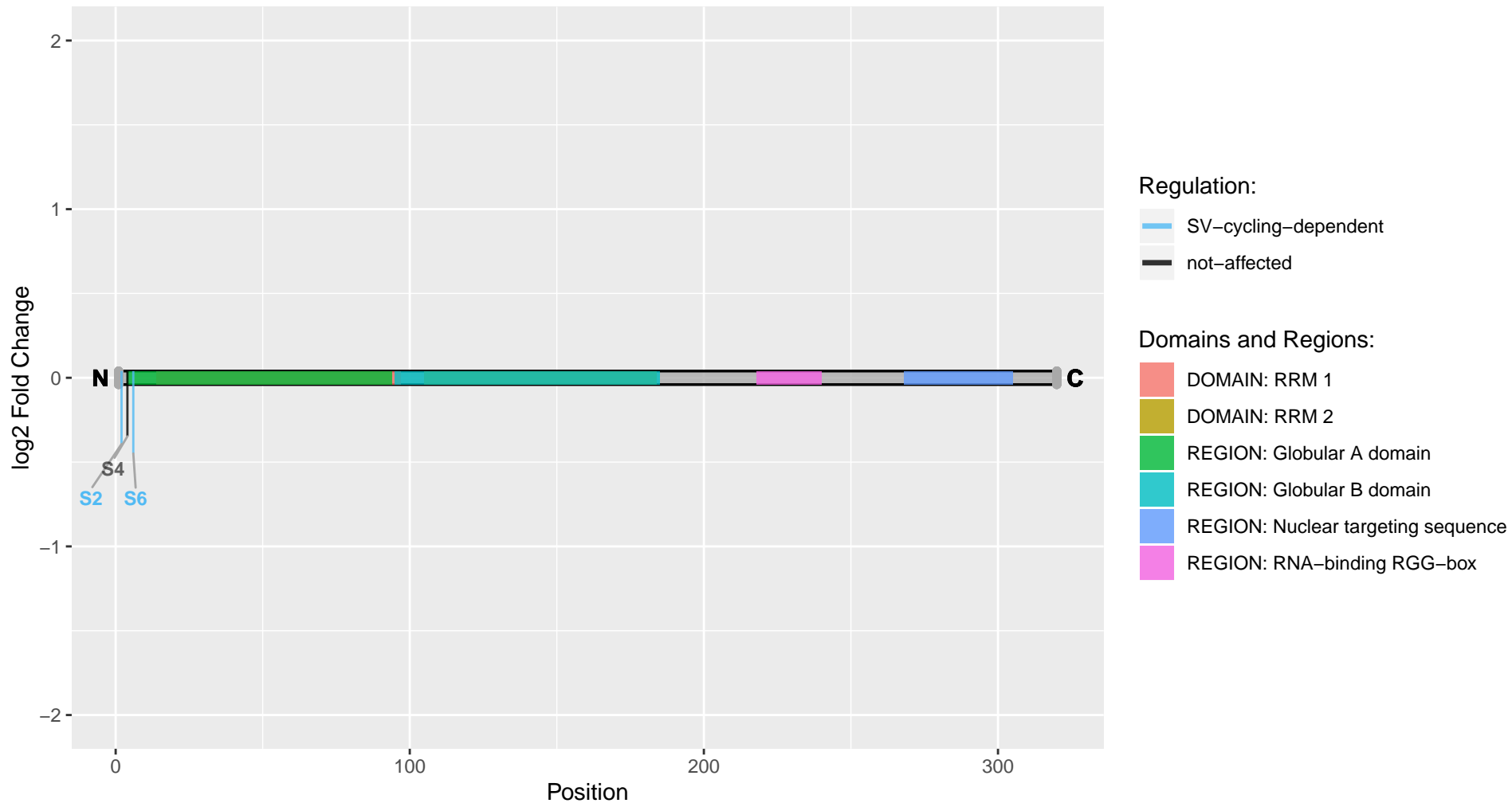
High mobility group nucleosome-binding domain-containing protein 3



Hnrnpa1

Uniprot Accession: P04256

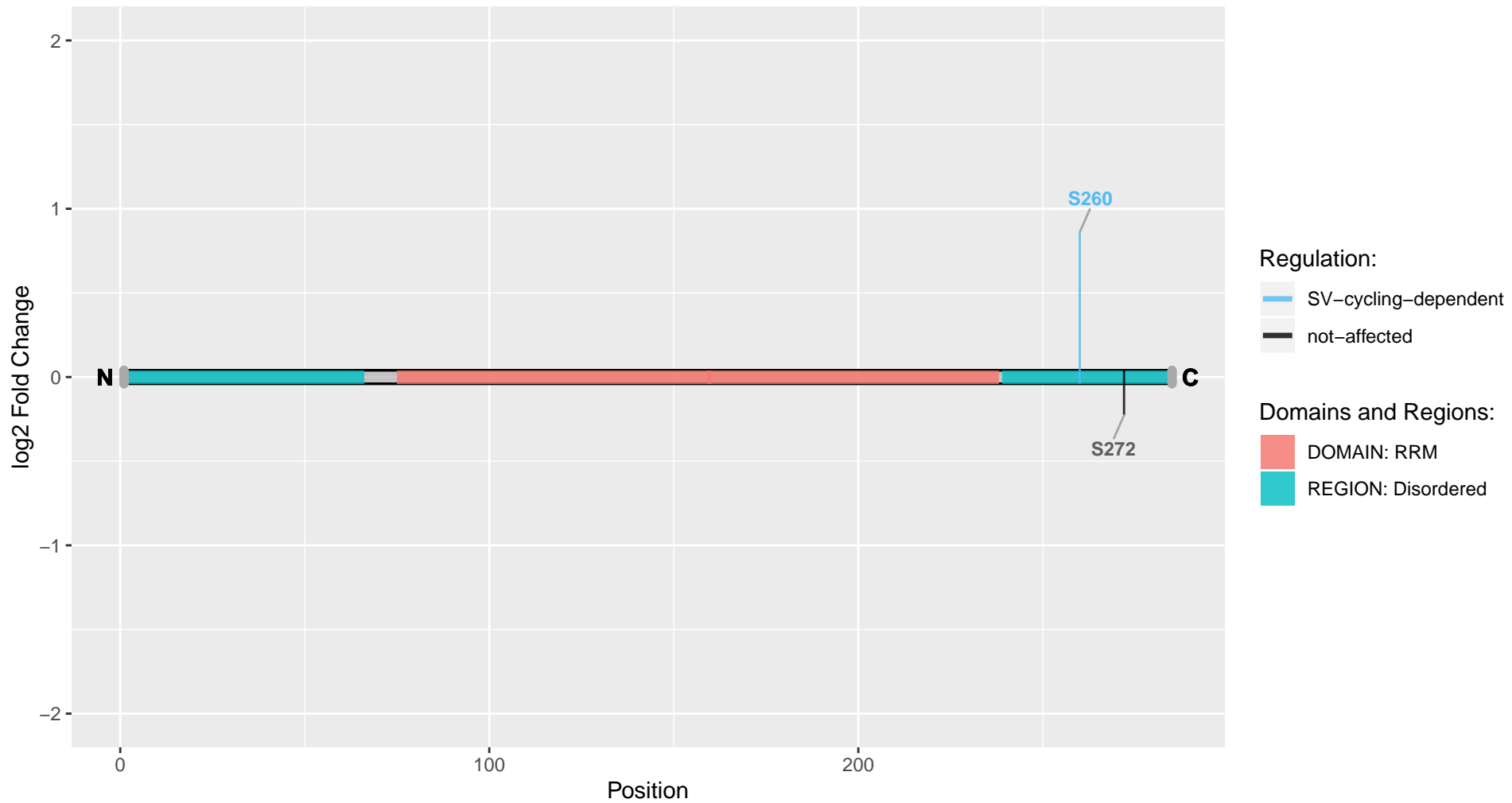
Heterogeneous nuclear ribonucleoprotein A1



Hnrnpab

Uniprot Accession: Q9QX80

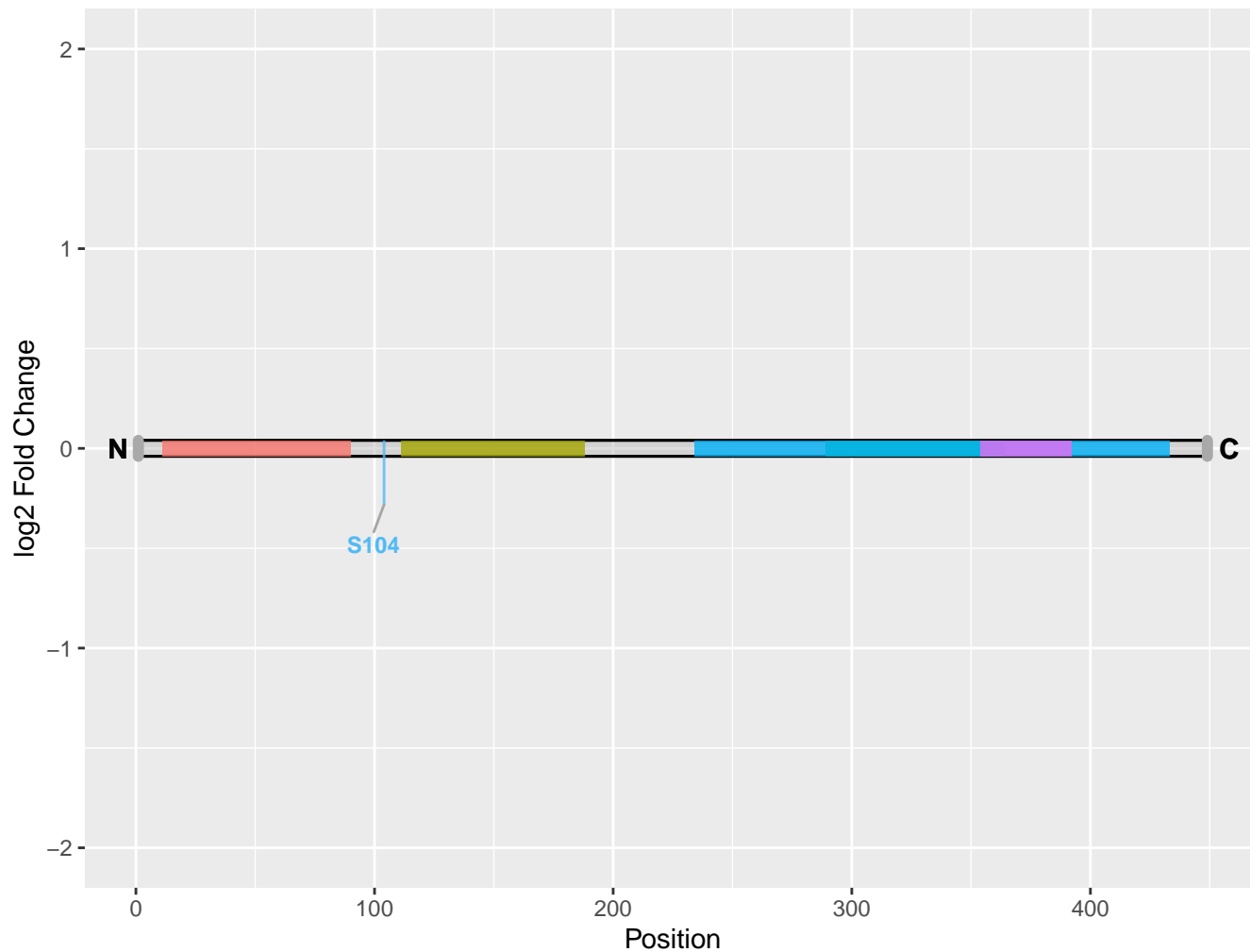
CAR_G-binding factor A



Hnrnp1

Uniprot Accession: Q8VHV7

Heterogeneous nuclear ribonucleoprotein H



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: RRM 1

DOMAIN: RRM 2

DOMAIN: RRM 3

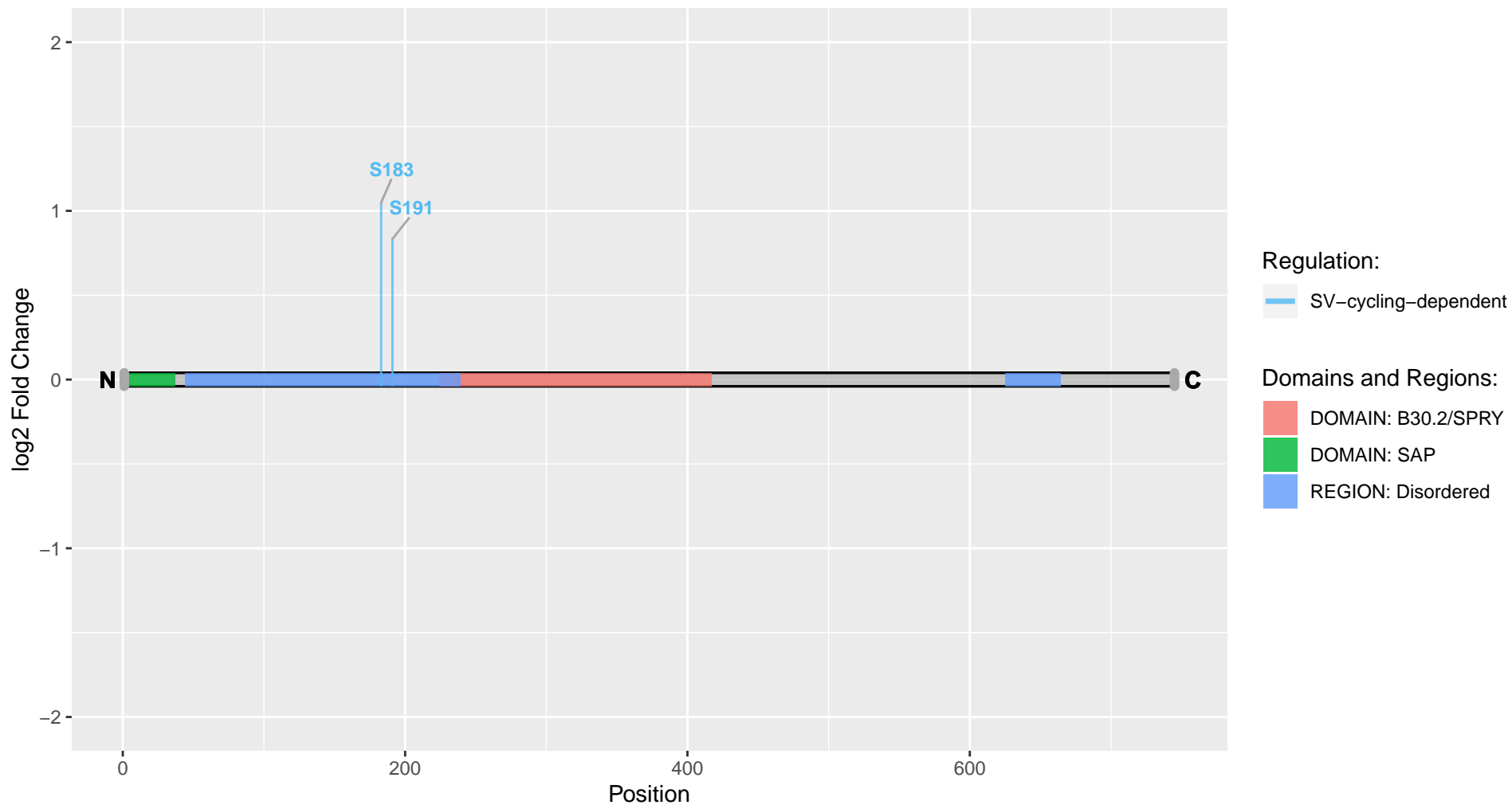
REGION: 2 X 16 AA Gly-rich approximate repeats

REGION: 2 X 19 AA perfect repeats

Hnrnpul2

Uniprot Accession: D4ABT8

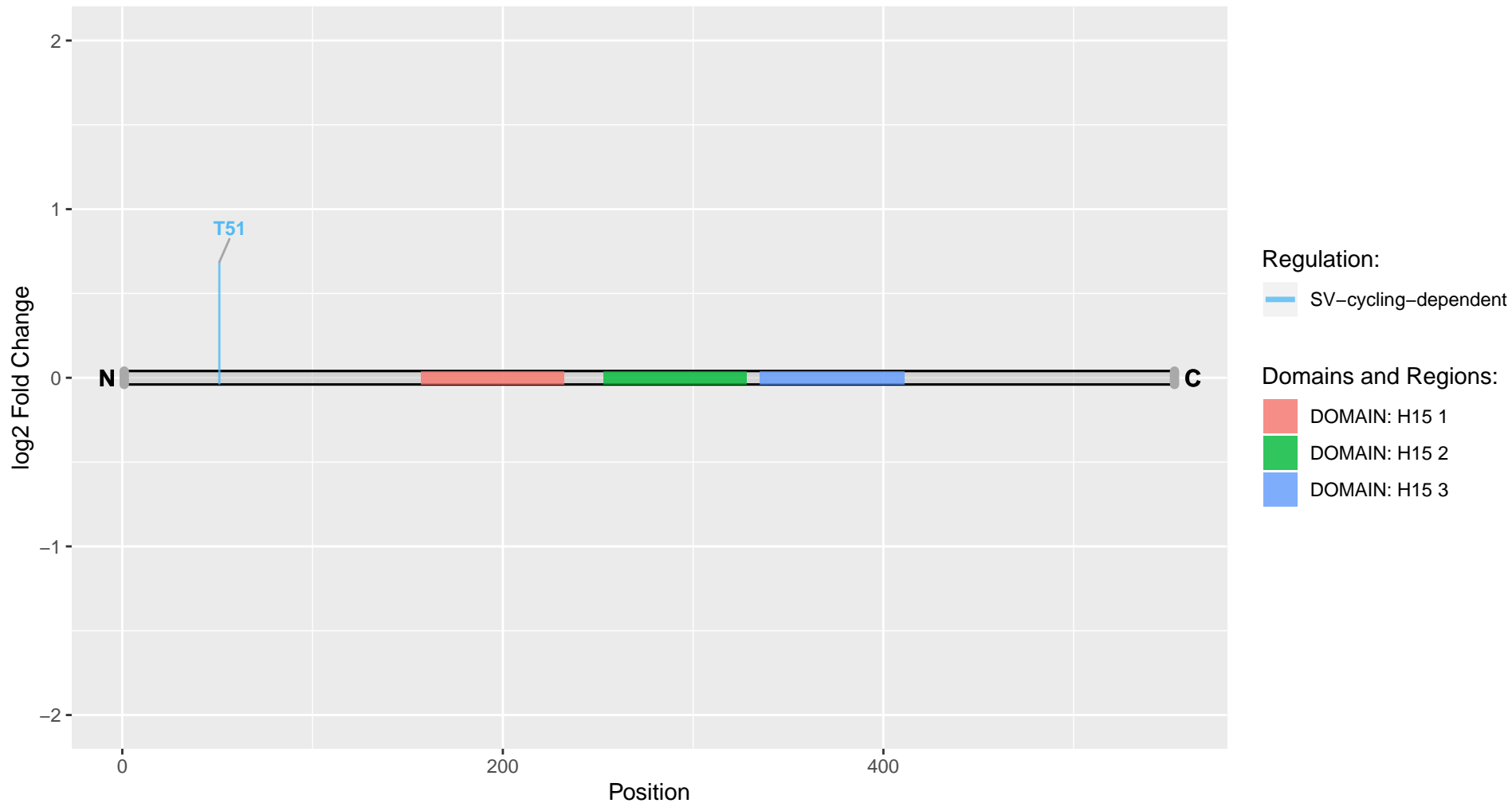
Heterogeneous nuclear ribonucleoprotein U-like 2



Hp1bp3

Uniprot Accession: Q6P747

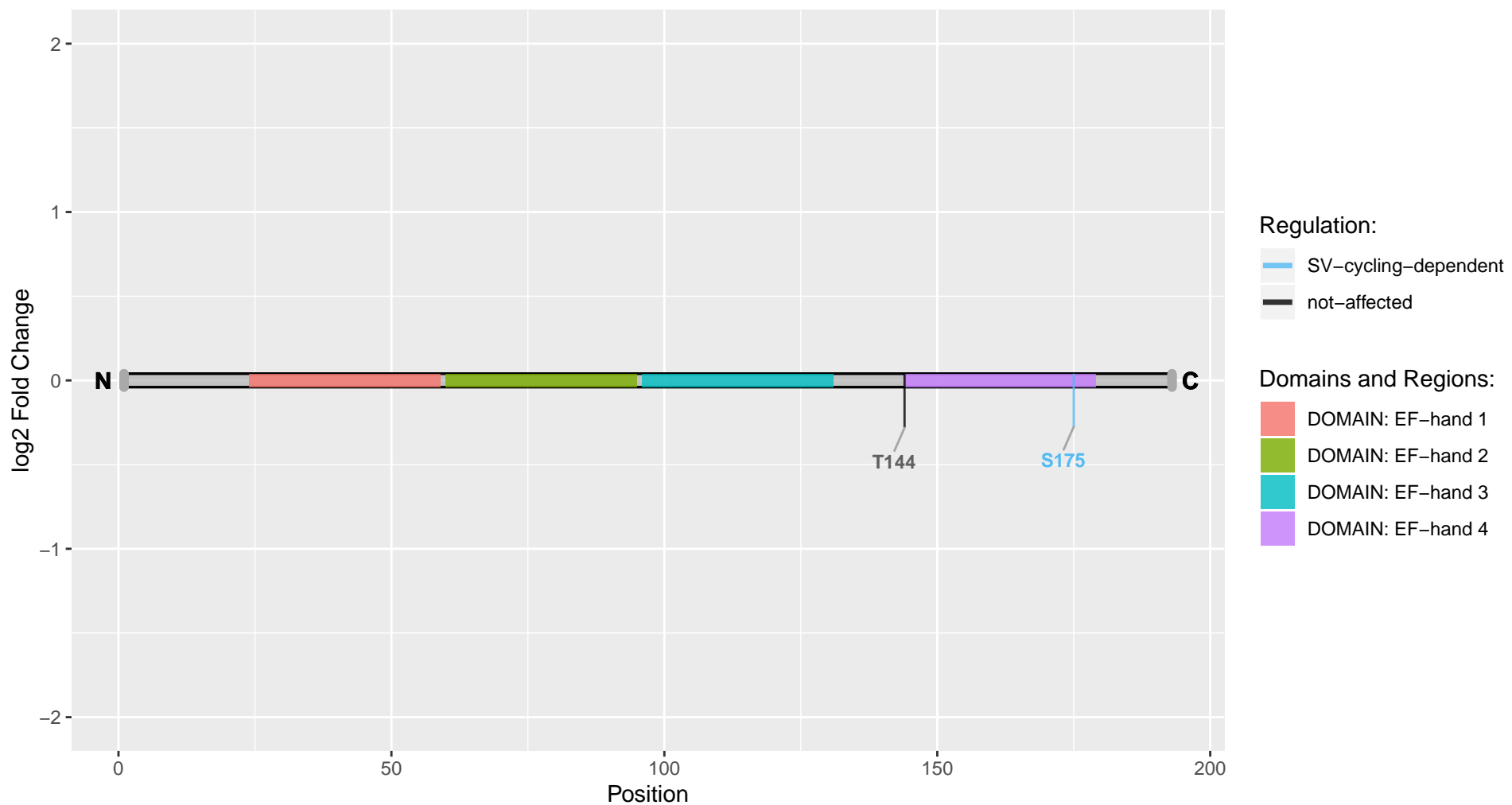
Heterochromatin protein 1-binding protein 3



Hpca

Uniprot Accession: P84076

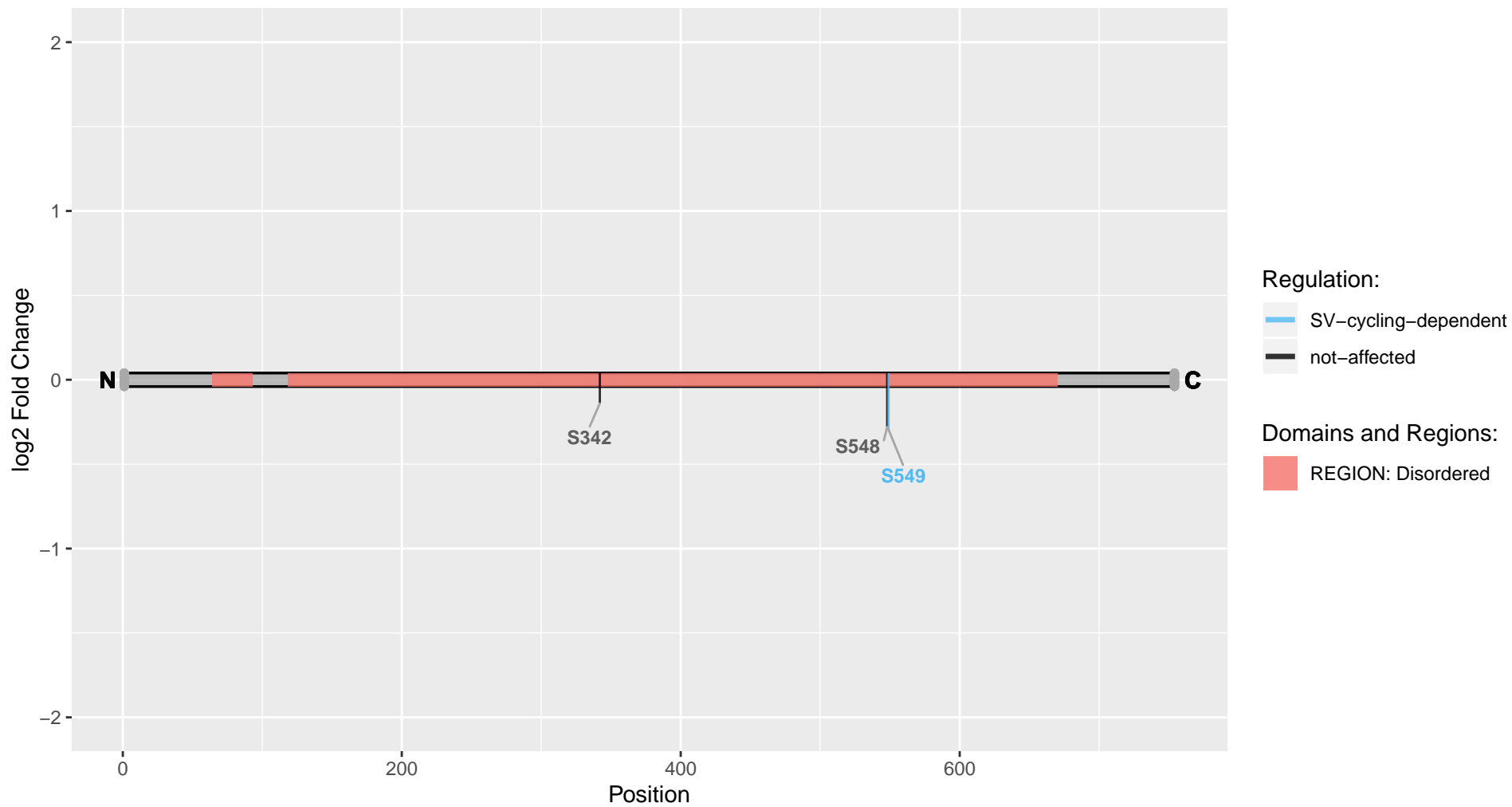
Neuron-specific calcium-binding protein hippocalcin



Hrc

Uniprot Accession: G3V8S6

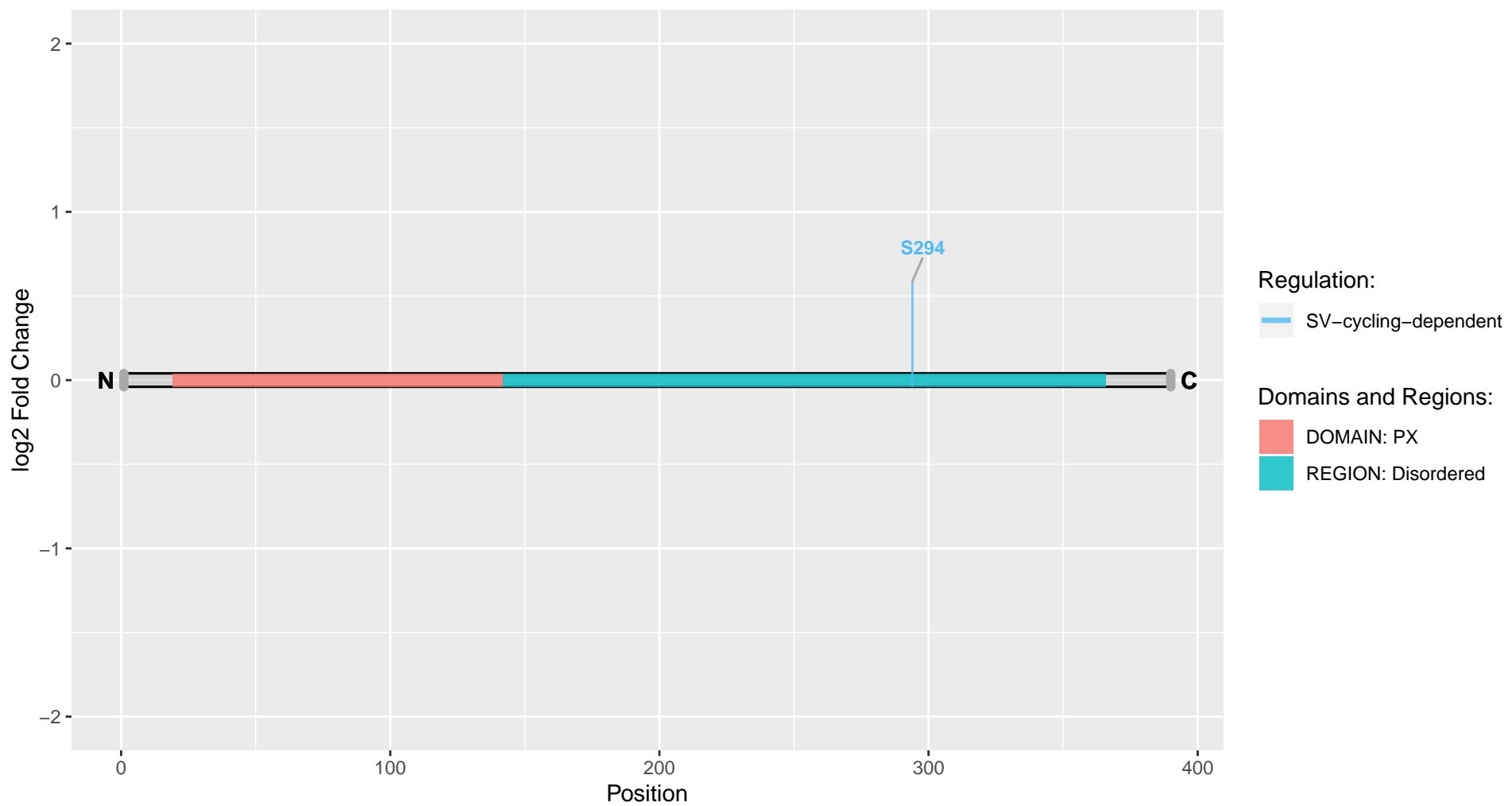
Histidine rich calcium binding protein, isoform CRA_b



Hs1bp3

Uniprot Accession: D4A6D9

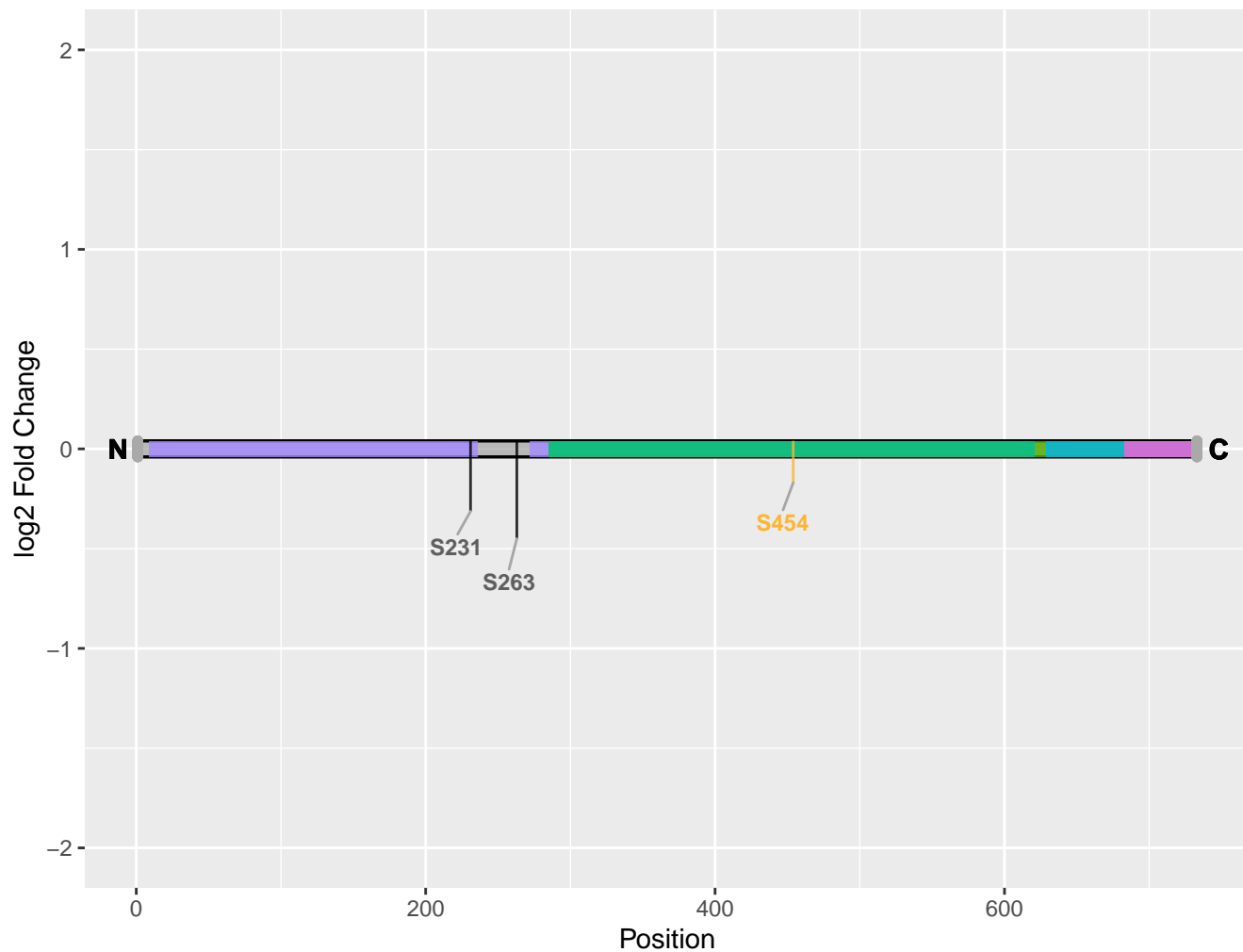
HCLS1-binding protein 3



Hsp90aa1

Uniprot Accession: P82995

Heat shock protein HSP 90- α



Regulation:

- primary Ca^{2+} -dependent
- not-affected

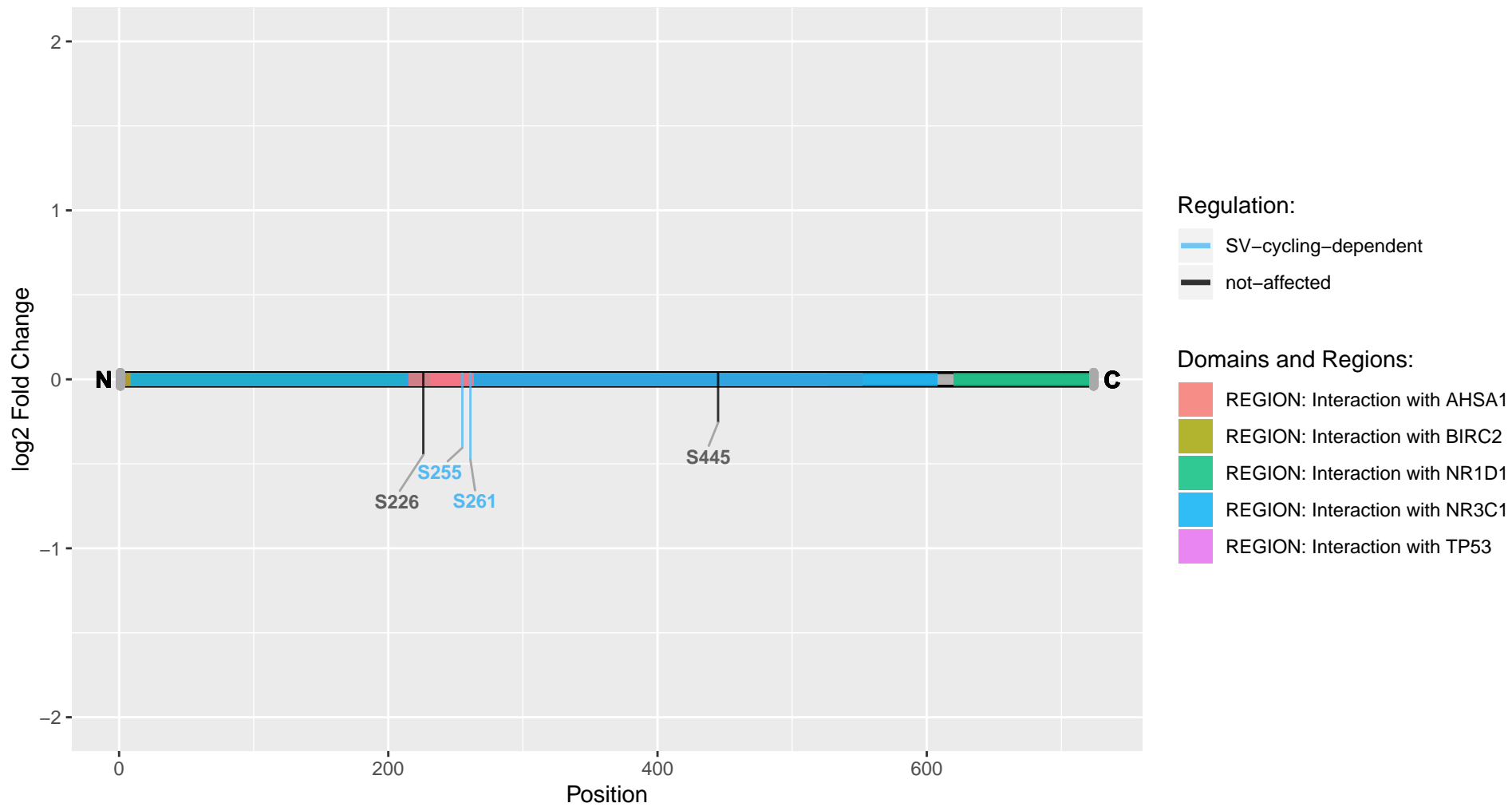
Domains and Regions:

- REGION: Essential for interaction with SGTA and TTC1
- REGION: Essential for interaction with SMYD3, TSC1 and STIP1/HOP
- REGION: Interaction with FLCN and FNIP1
- REGION: Interaction with FNIP2 and TSC1
- REGION: Interaction with NR1D1
- REGION: Interaction with NR3C1
- REGION: Required for homodimerization

Hsp90ab1

Uniprot Accession: P34058

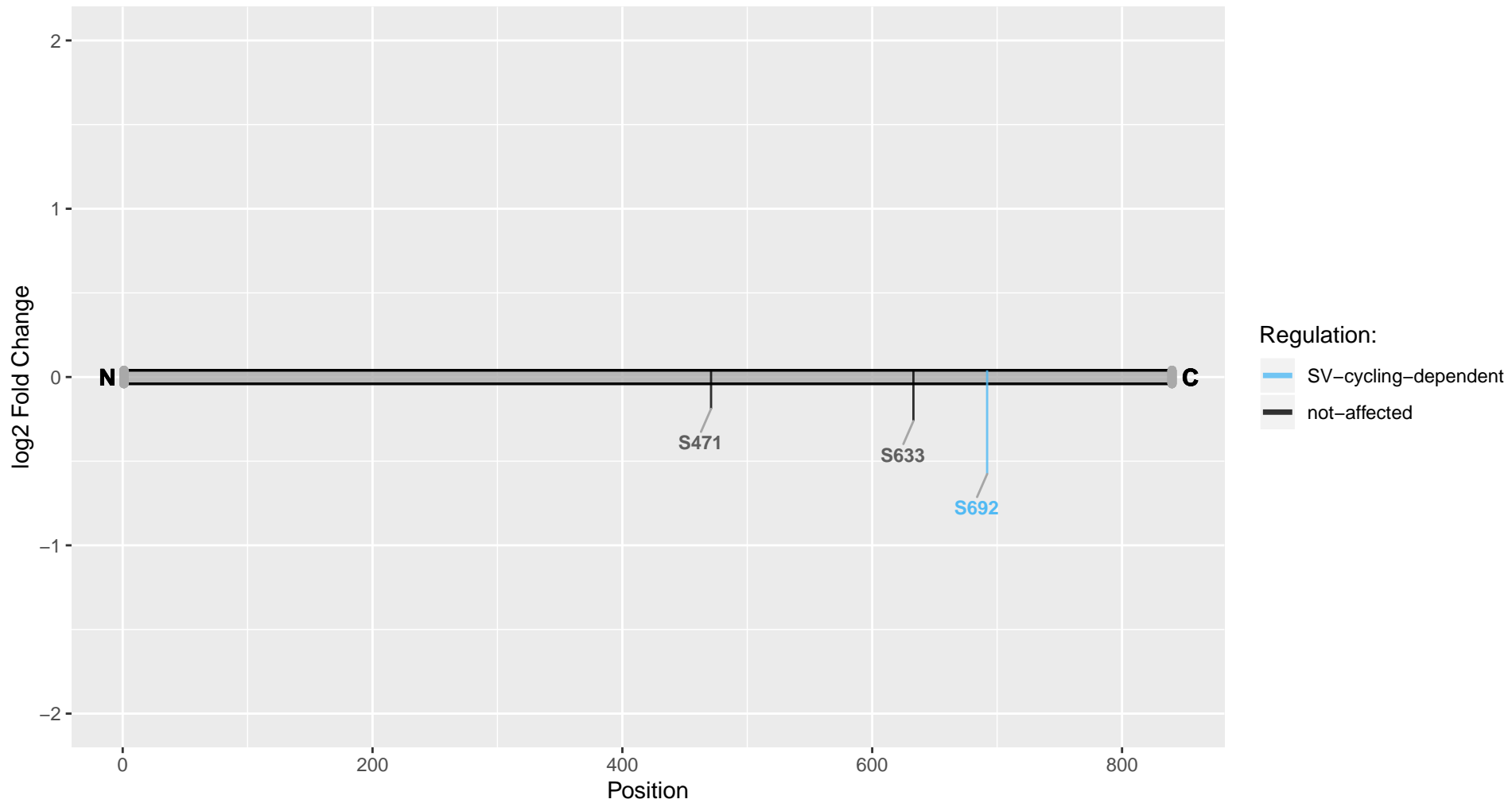
Heat shock protein HSP 90-beta



Hspa4

Uniprot Accession: O88600

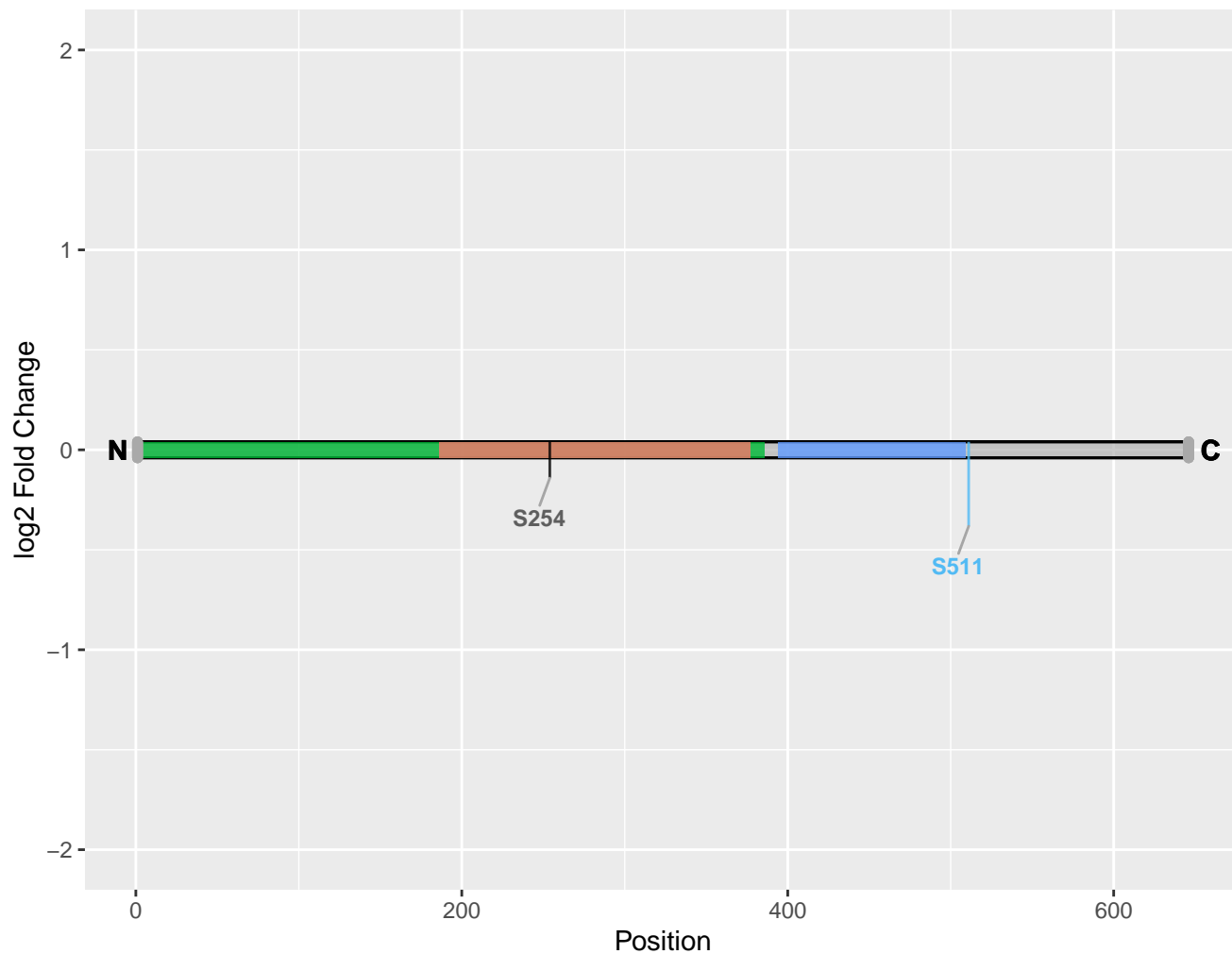
Heat shock 70 kDa protein 4



Hspa8

Uniprot Accession: P63018

Heat shock cognate 71 kDa protein



Regulation:

- SV-cycling-dependent
- not-affected

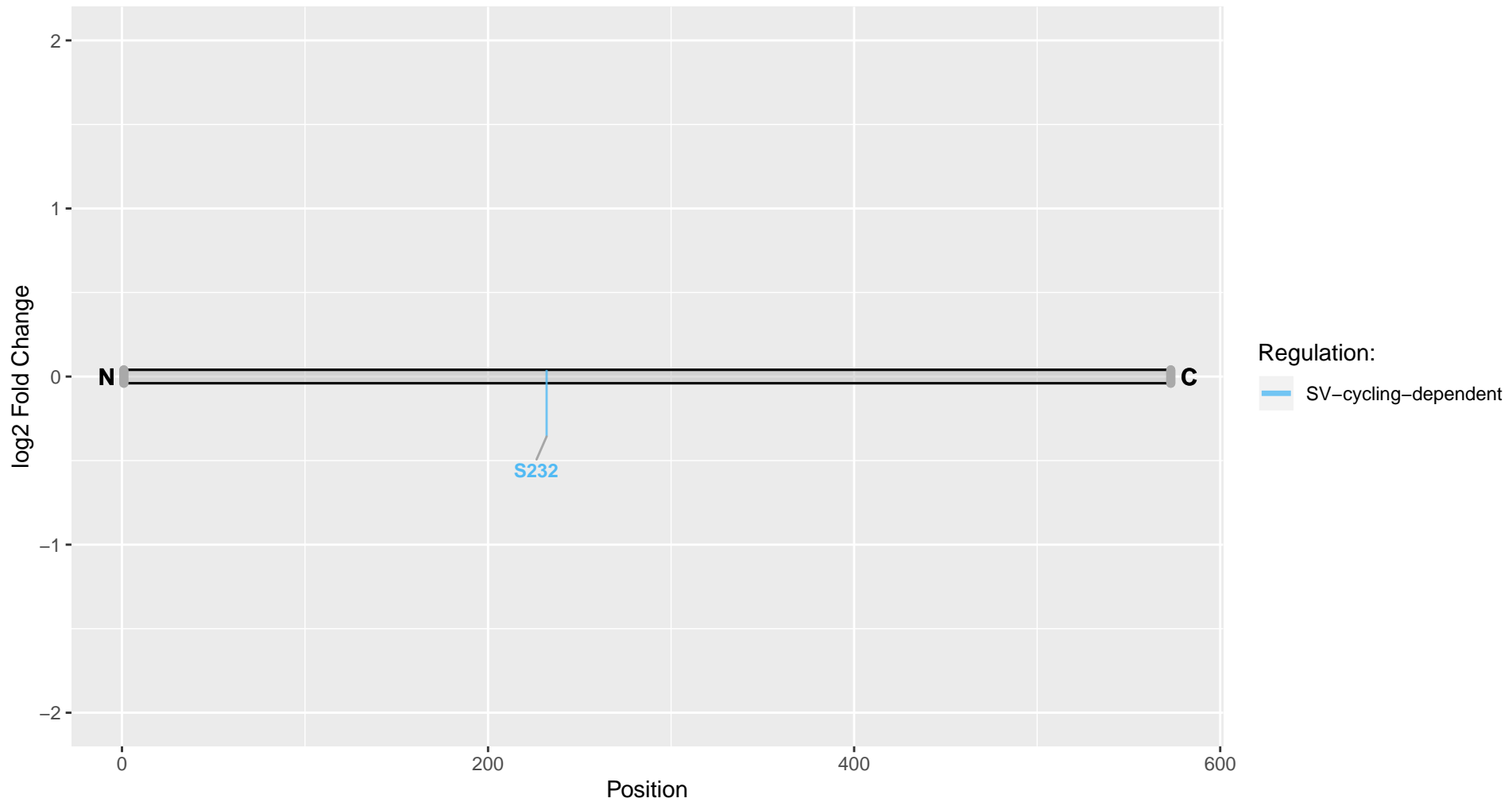
Domains and Regions:

- REGION: Interaction with BAG1
- REGION: Nucleotide-binding domain (NBD)
- REGION: Substrate-binding domain (SBD)

Hspd1

Uniprot Accession: P63039

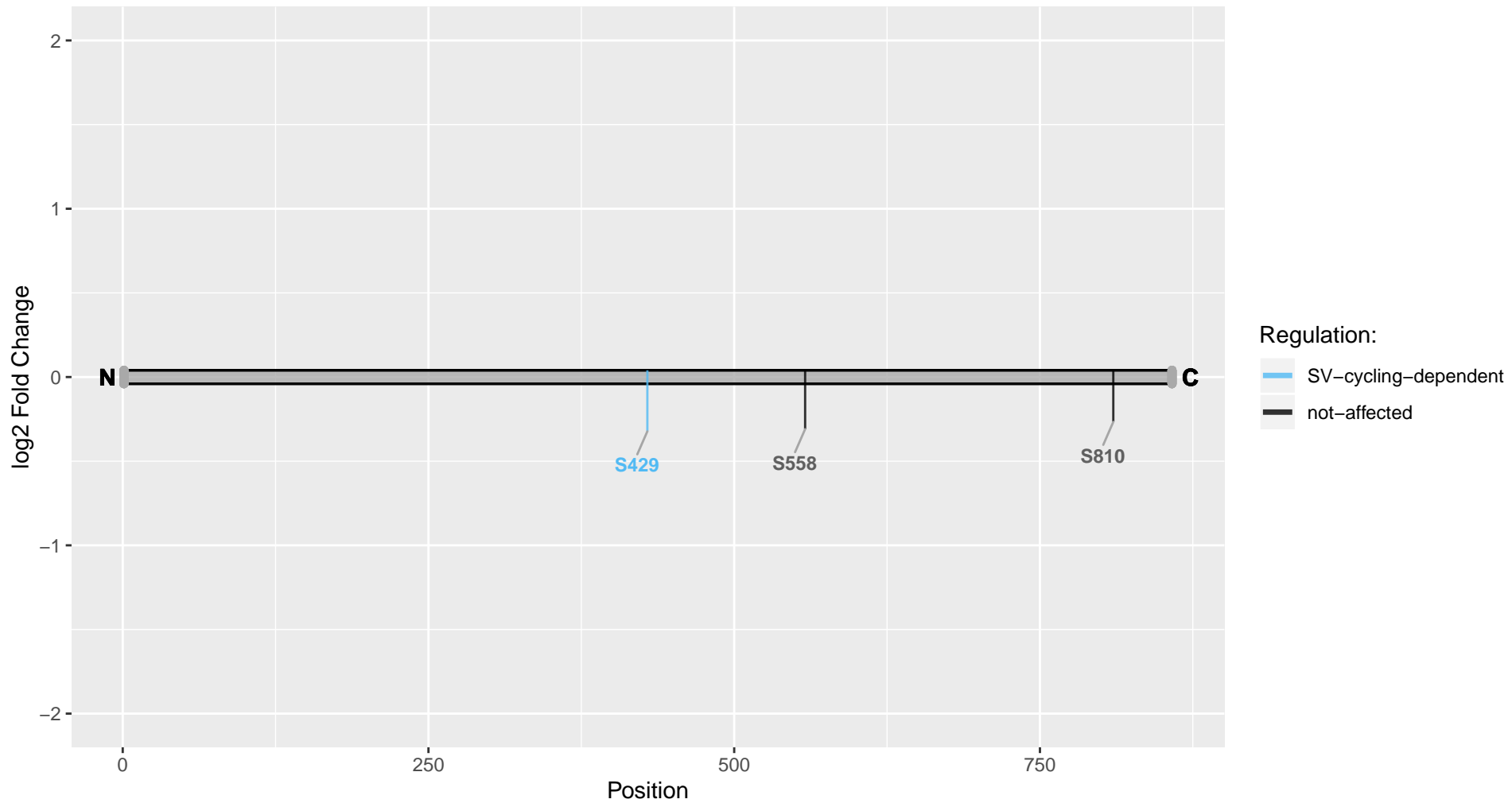
60 kDa heat shock protein, mitochondrial



Hsph1

Uniprot Accession: Q66HA8

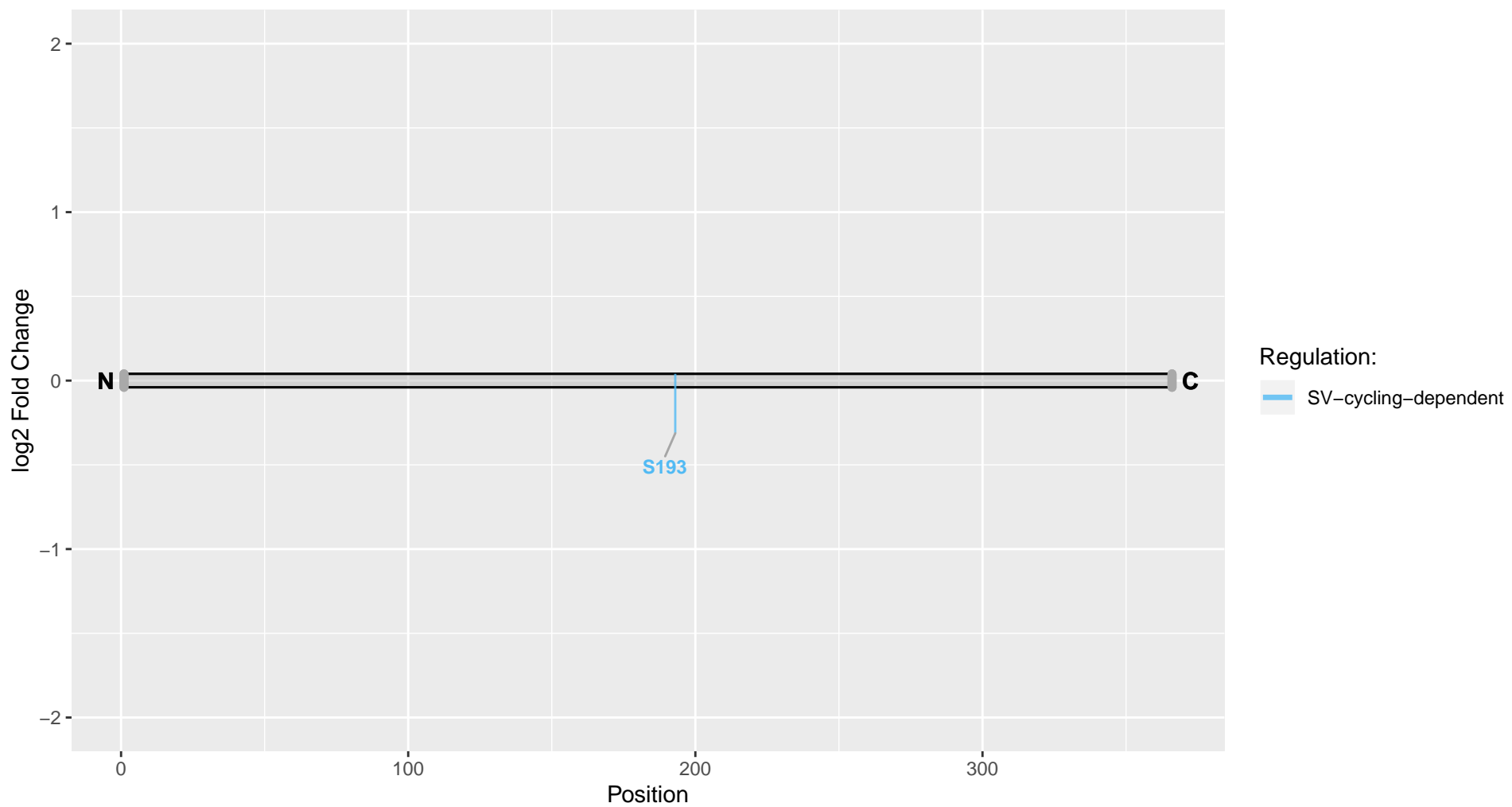
Heat shock protein 105 kDa



Idh3a

Uniprot Accession: Q99NA5

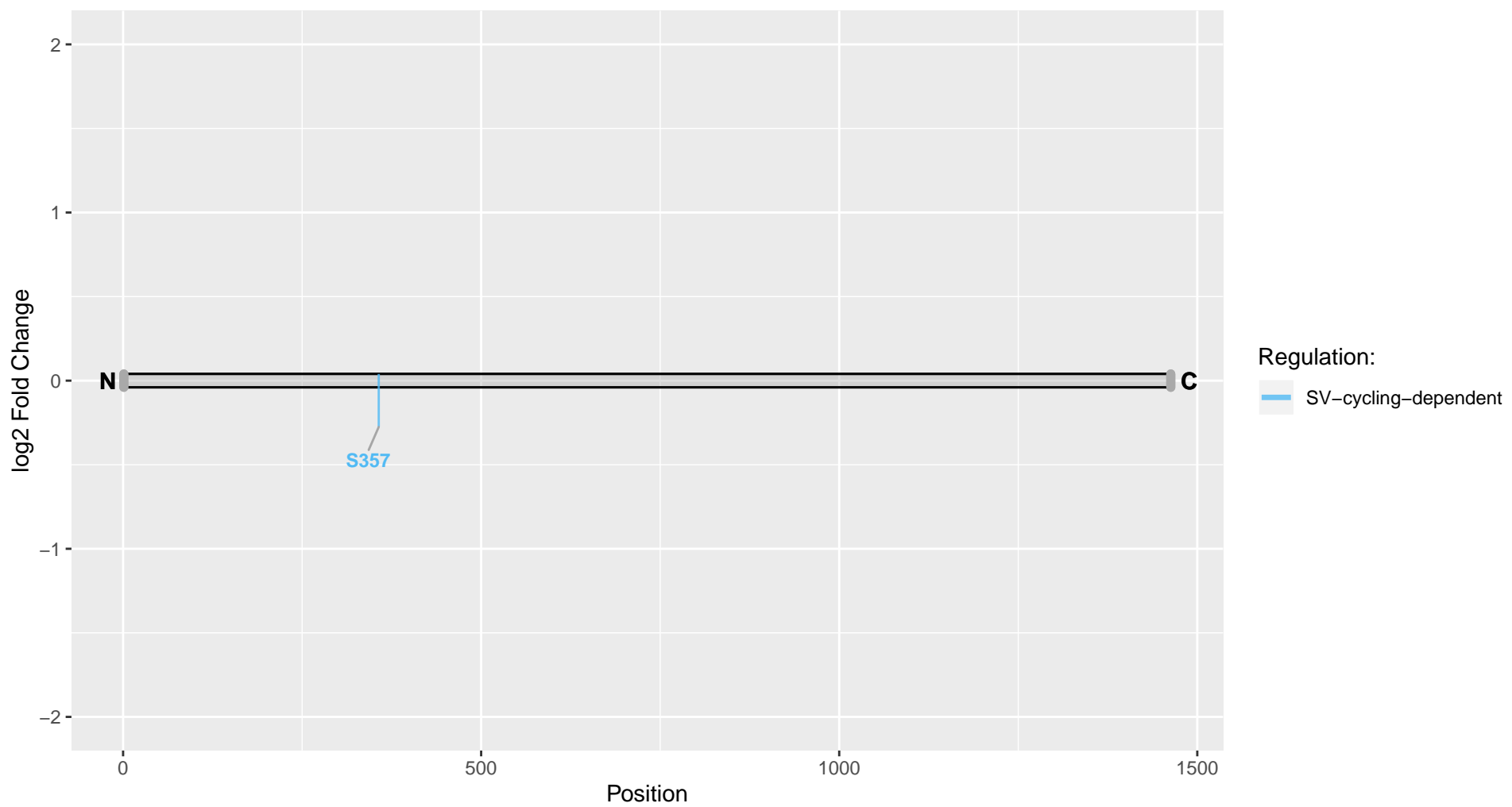
Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial



Ift140

Uniprot Accession: F1LY69

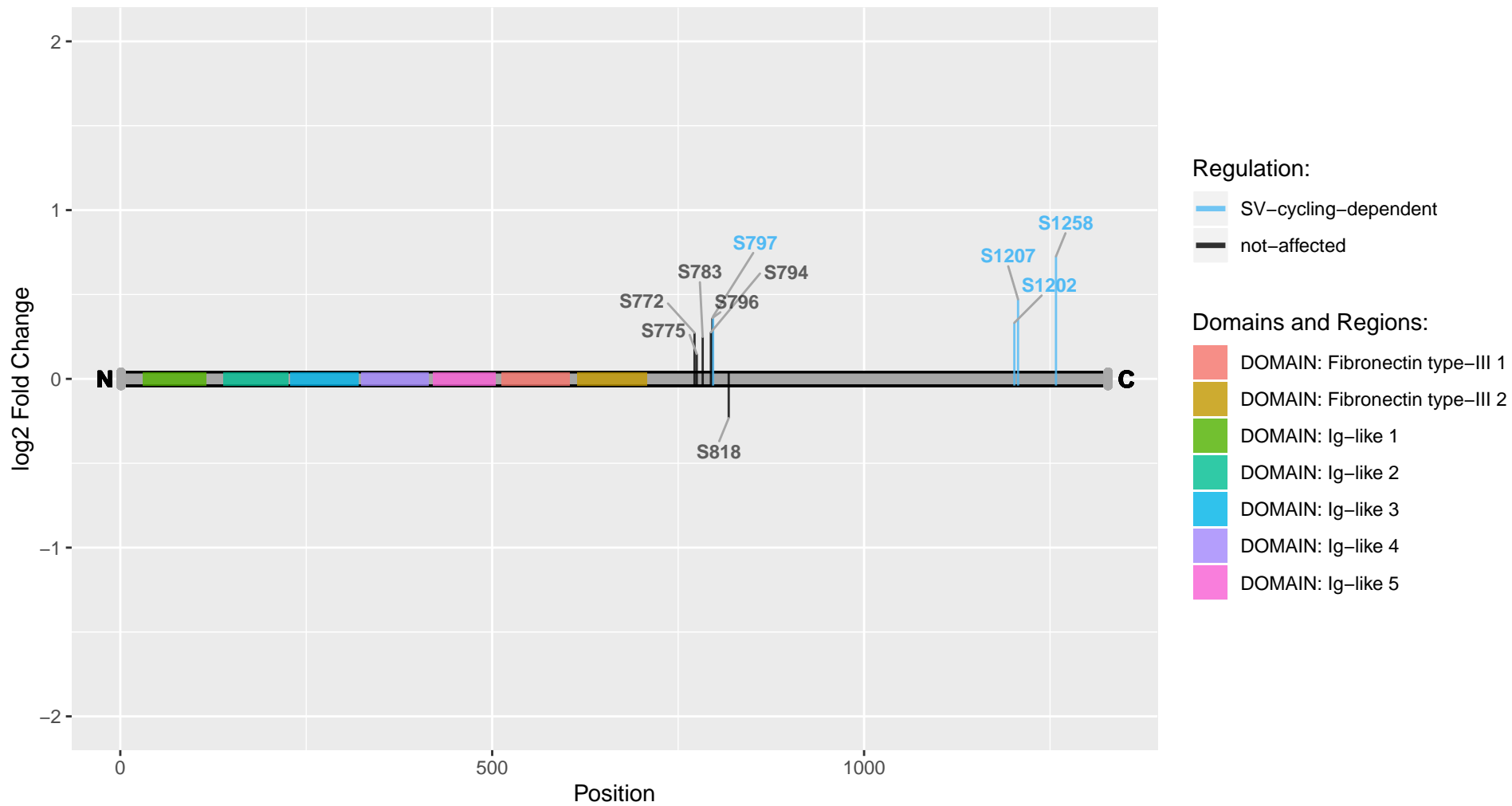
Intraflagellar transport 140



Igsf9b

Uniprot Accession: D3ZB51

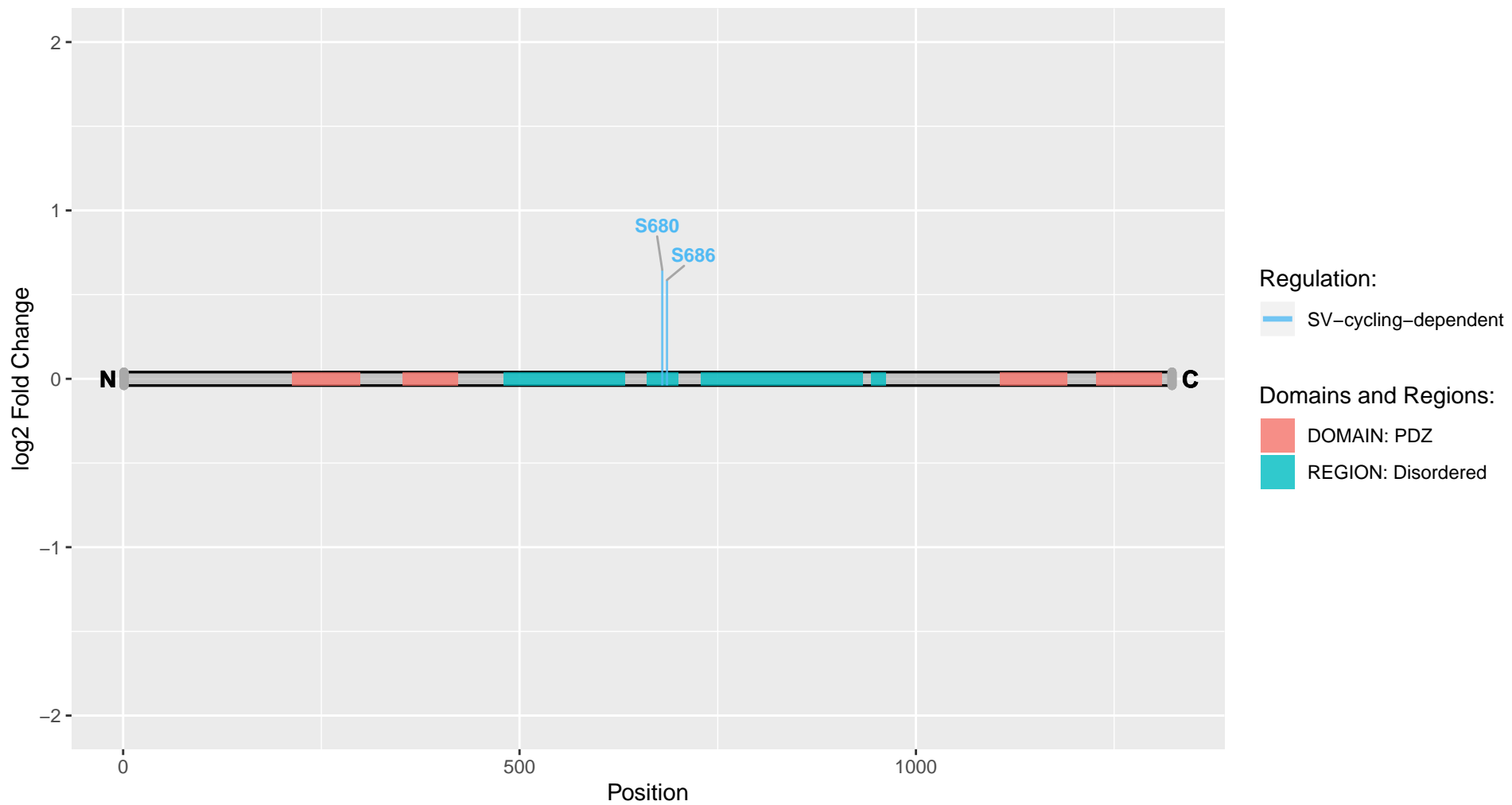
Protein turtle homolog B



IL16

Uniprot Accession: D4A4I9

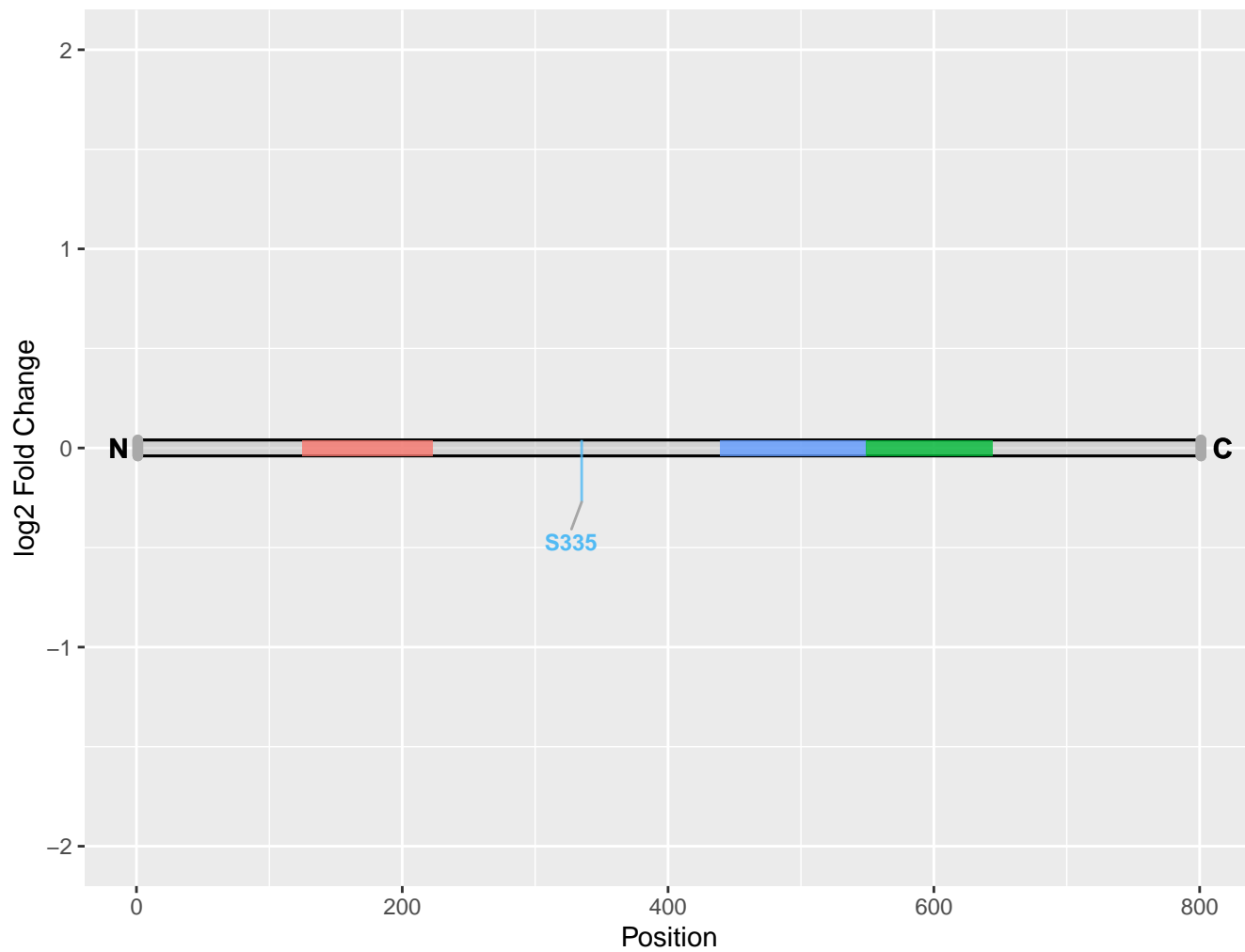
Pro-interleukin-16



Il4r

Uniprot Accession: Q63257

Interleukin-4 receptor subunit alpha



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: Fibronectin type-III

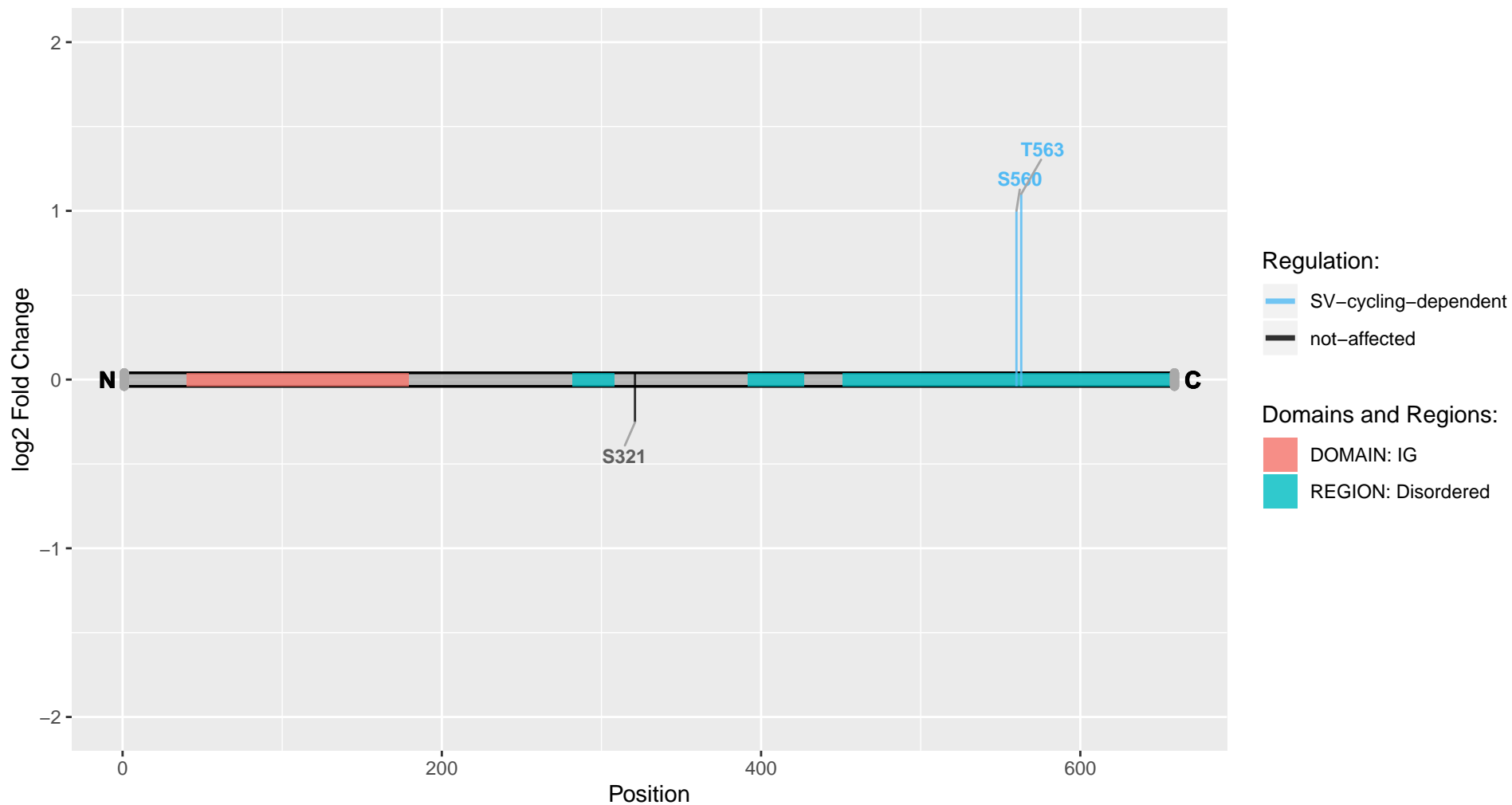
REGION: Required for IL4-induced gene expression

REGION: Required for IRS1 activation and IL4-induced cell growth

Ildr2

Uniprot Accession: D3ZGJ1

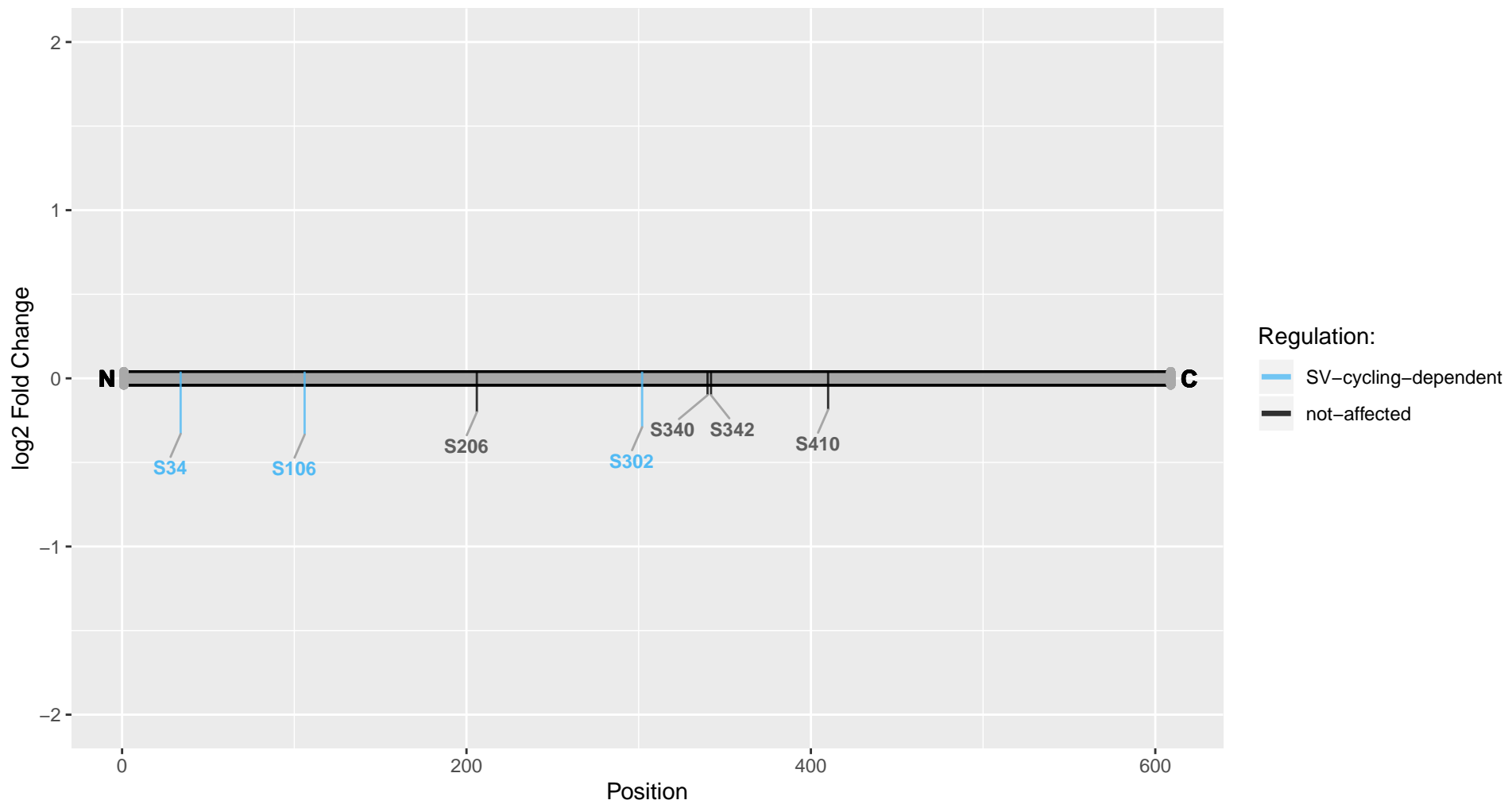
Immunoglobulin-like domain-containing receptor 2



Immt

Uniprot Accession: Q3KR86

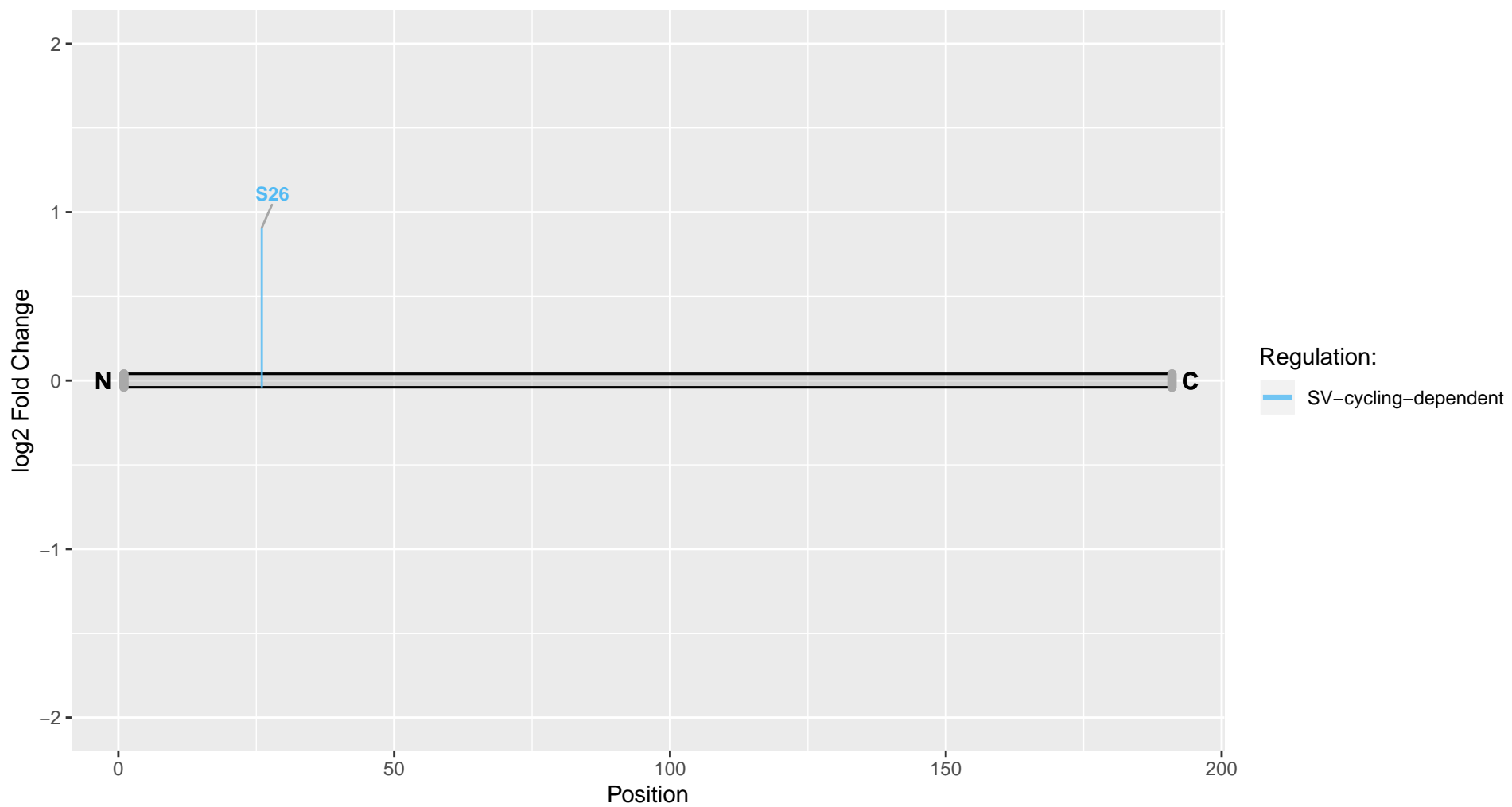
MICOS complex subunit Mic60 (Fragment)



Ino80c

Uniprot Accession: Q5BJY3

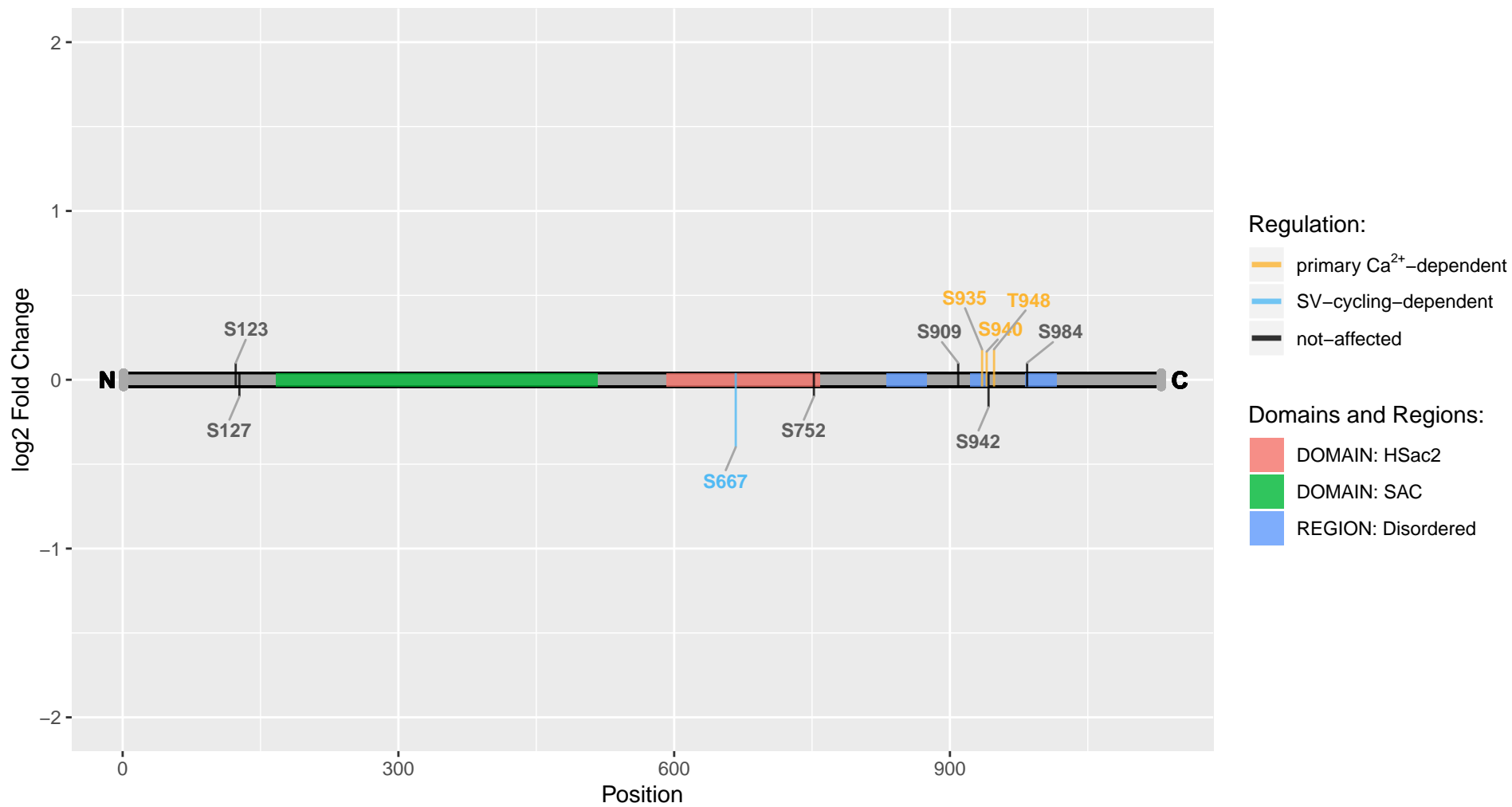
INO80 complex subunit C



Inpp5f

Uniprot Accession: D3ZKG7

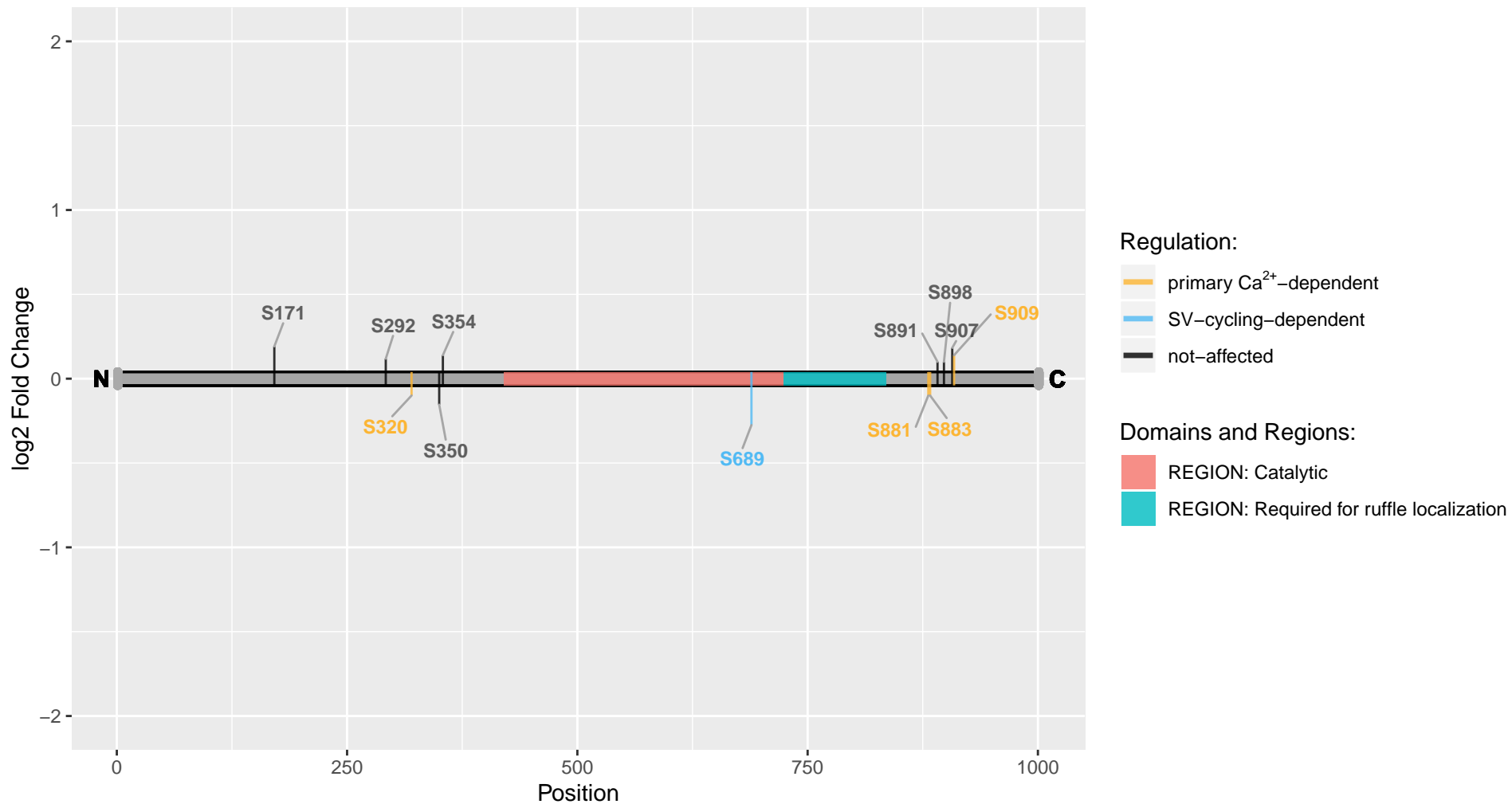
Inositol polyphosphate-5-phosphatase F



Inpp5j

Uniprot Accession: Q9JMC1

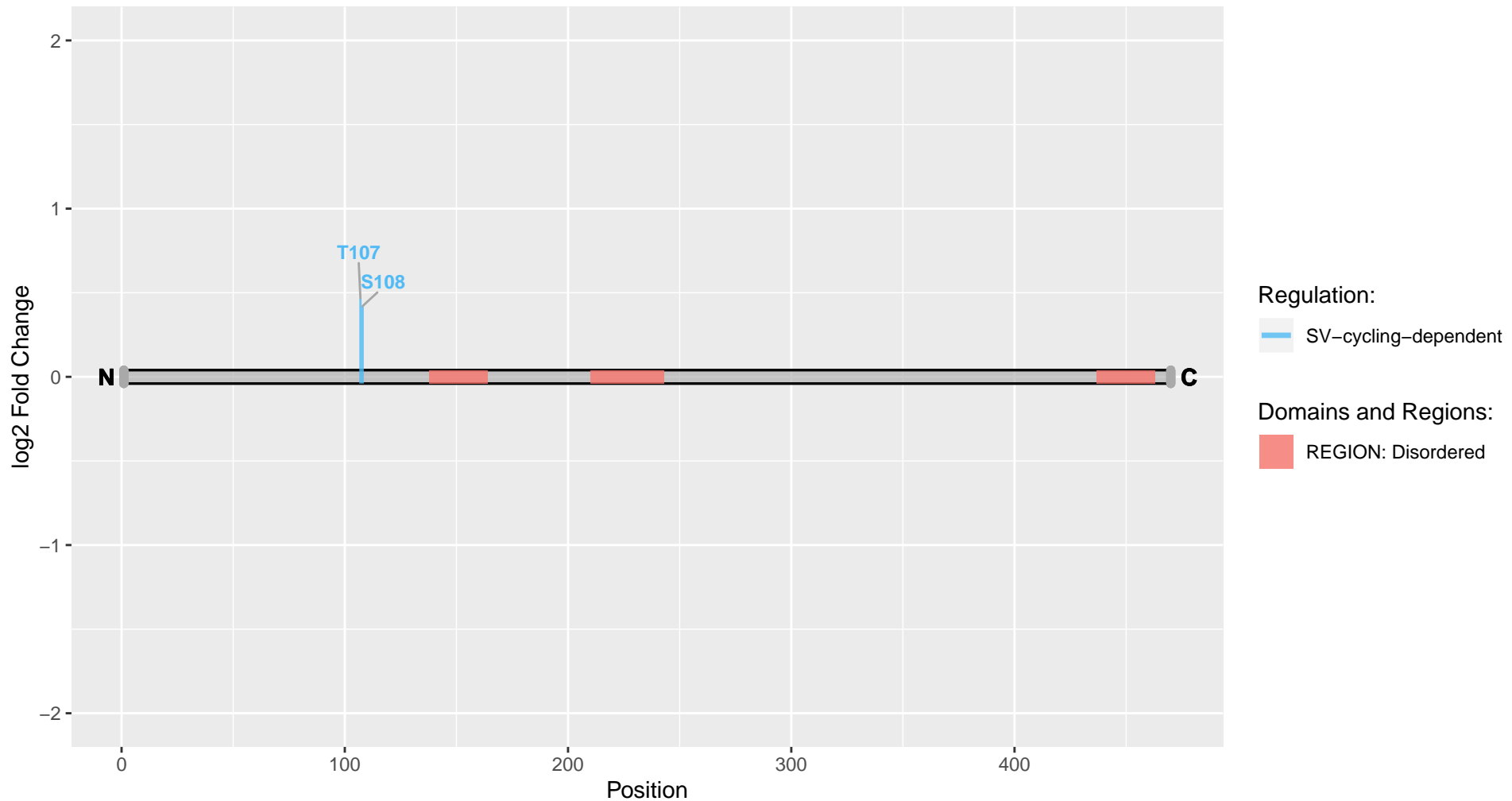
Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A



Insyn2

Uniprot Accession: D4A4J1

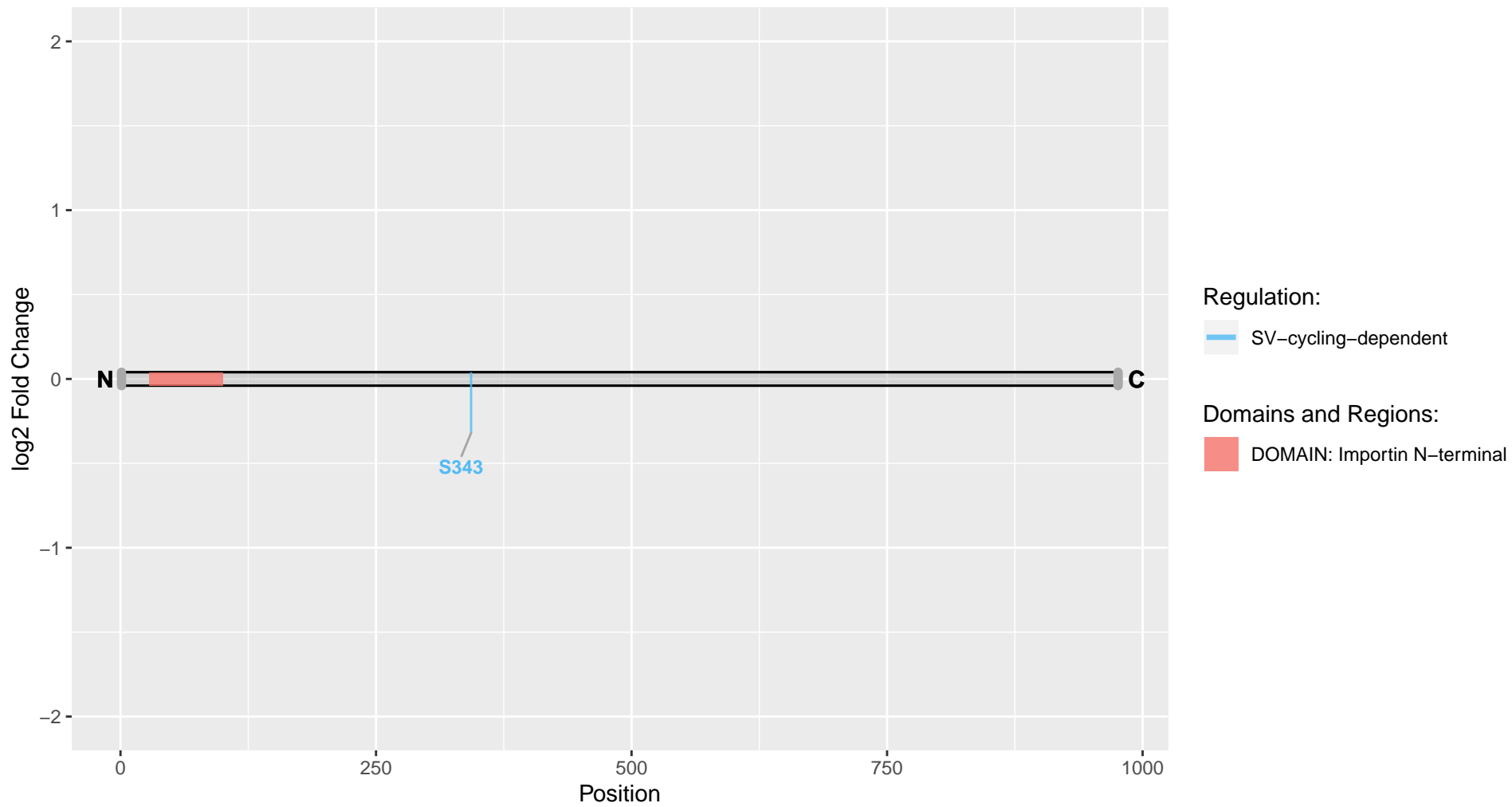
Inhibitory synaptic factor 2A



Ipo11

Uniprot Accession: M0R8E8

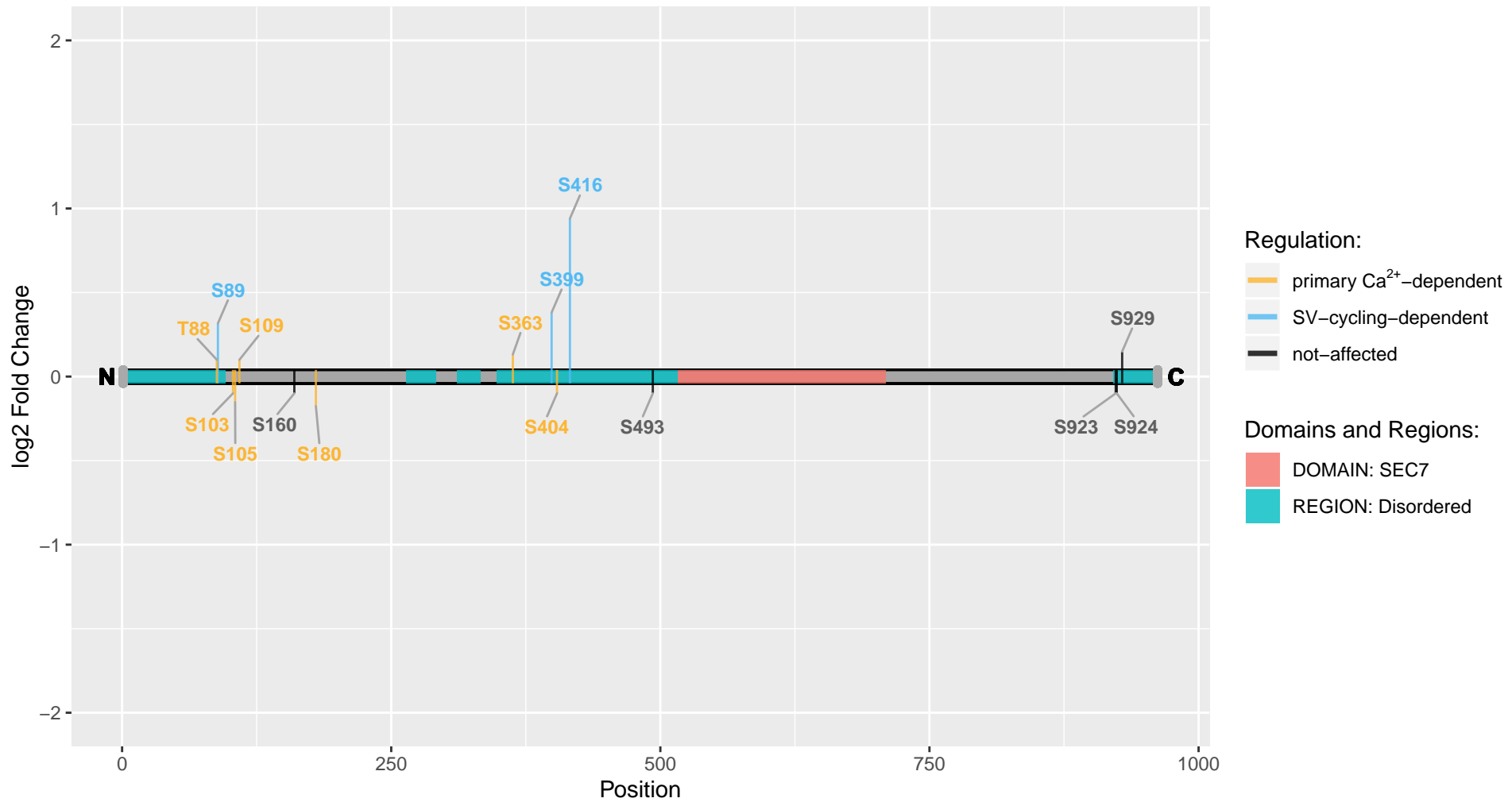
Importin 11



Iqsec1

Uniprot Accession: A0A0G2JUG7

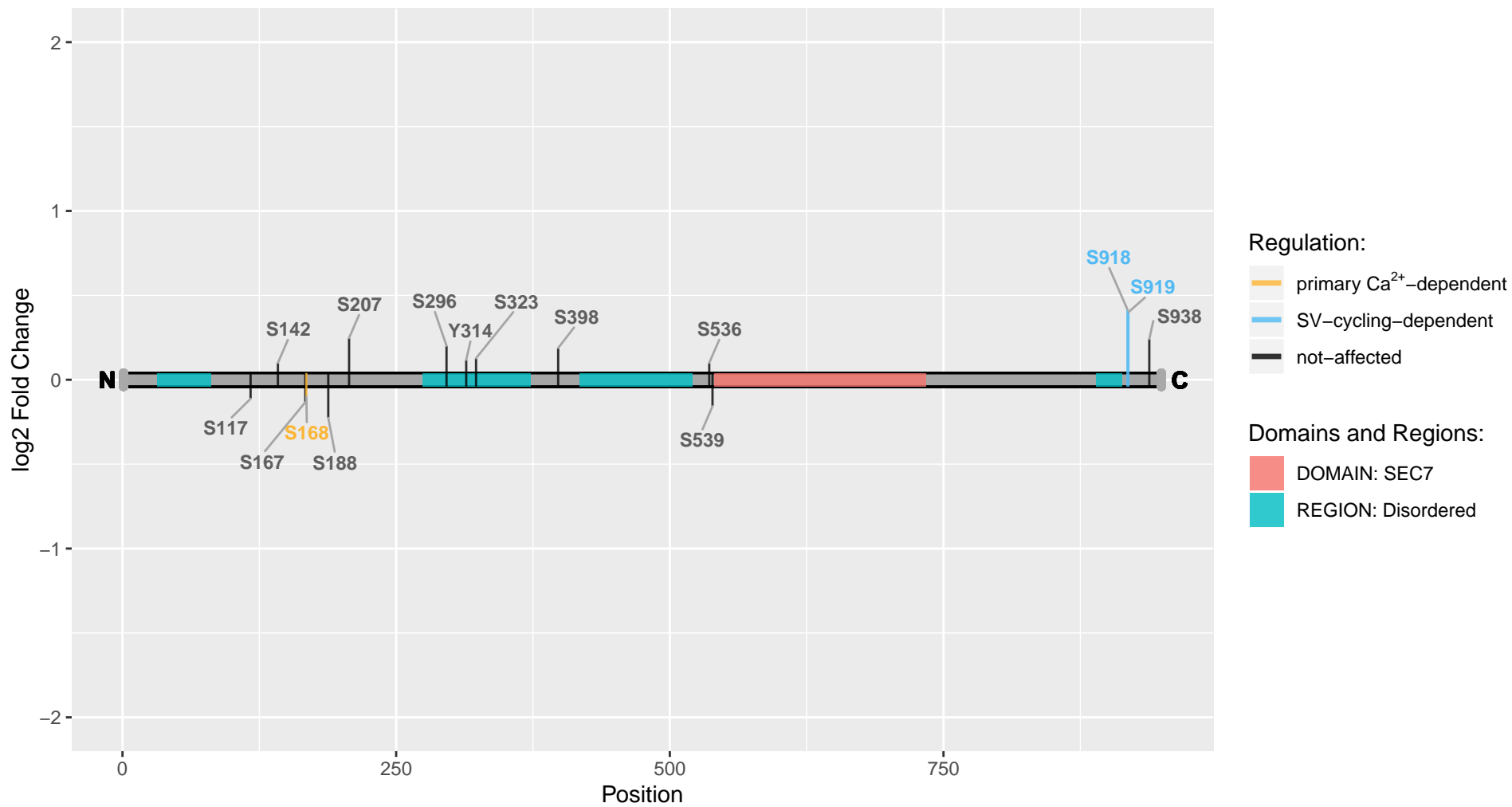
IQ motif and Sec7 domain 1



Iqsec2

Uniprot Accession: A0A0G2JZX5

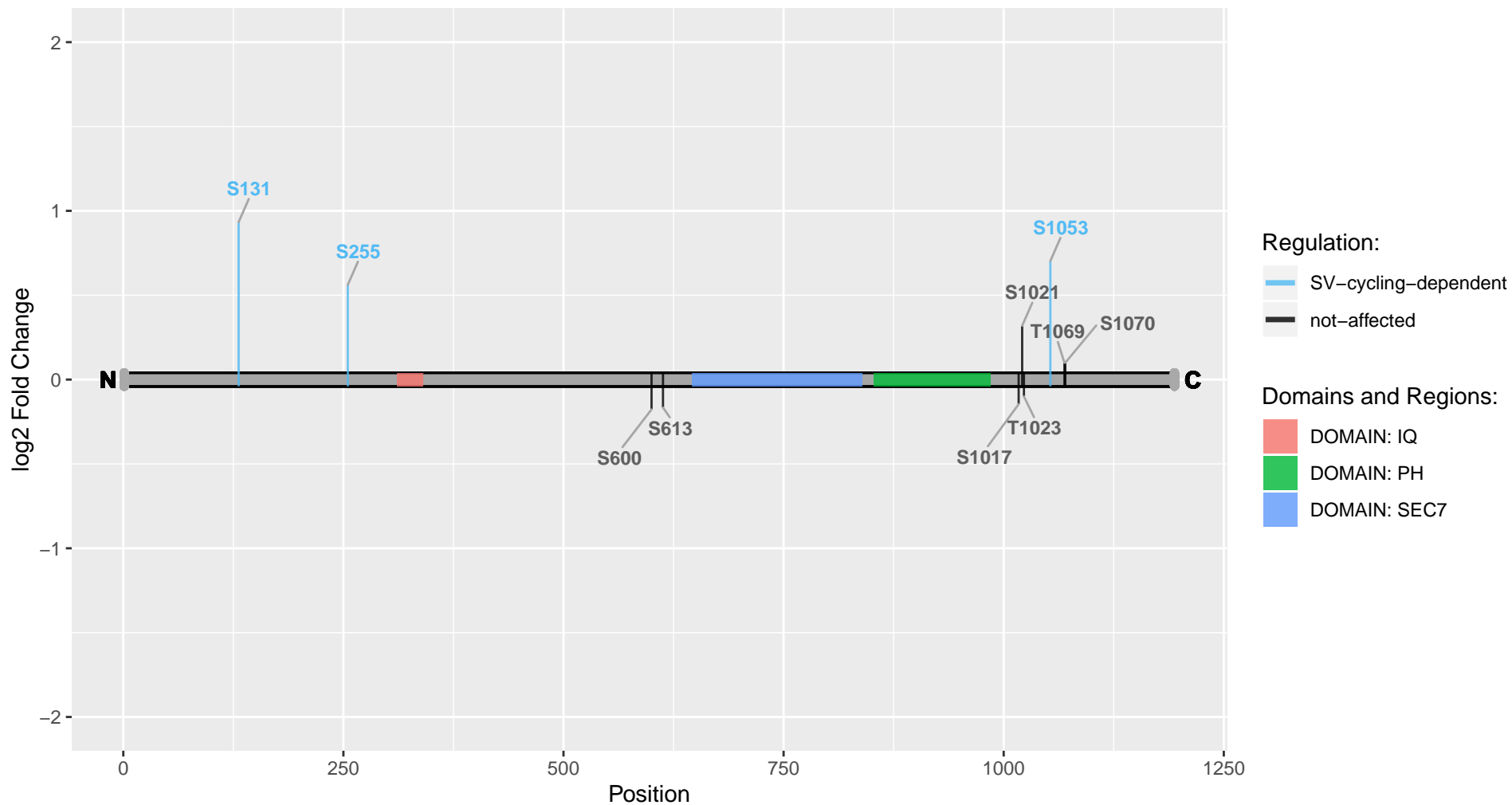
IQ motif and Sec7 domain 2



Iqsec3

Uniprot Accession: Q76M68

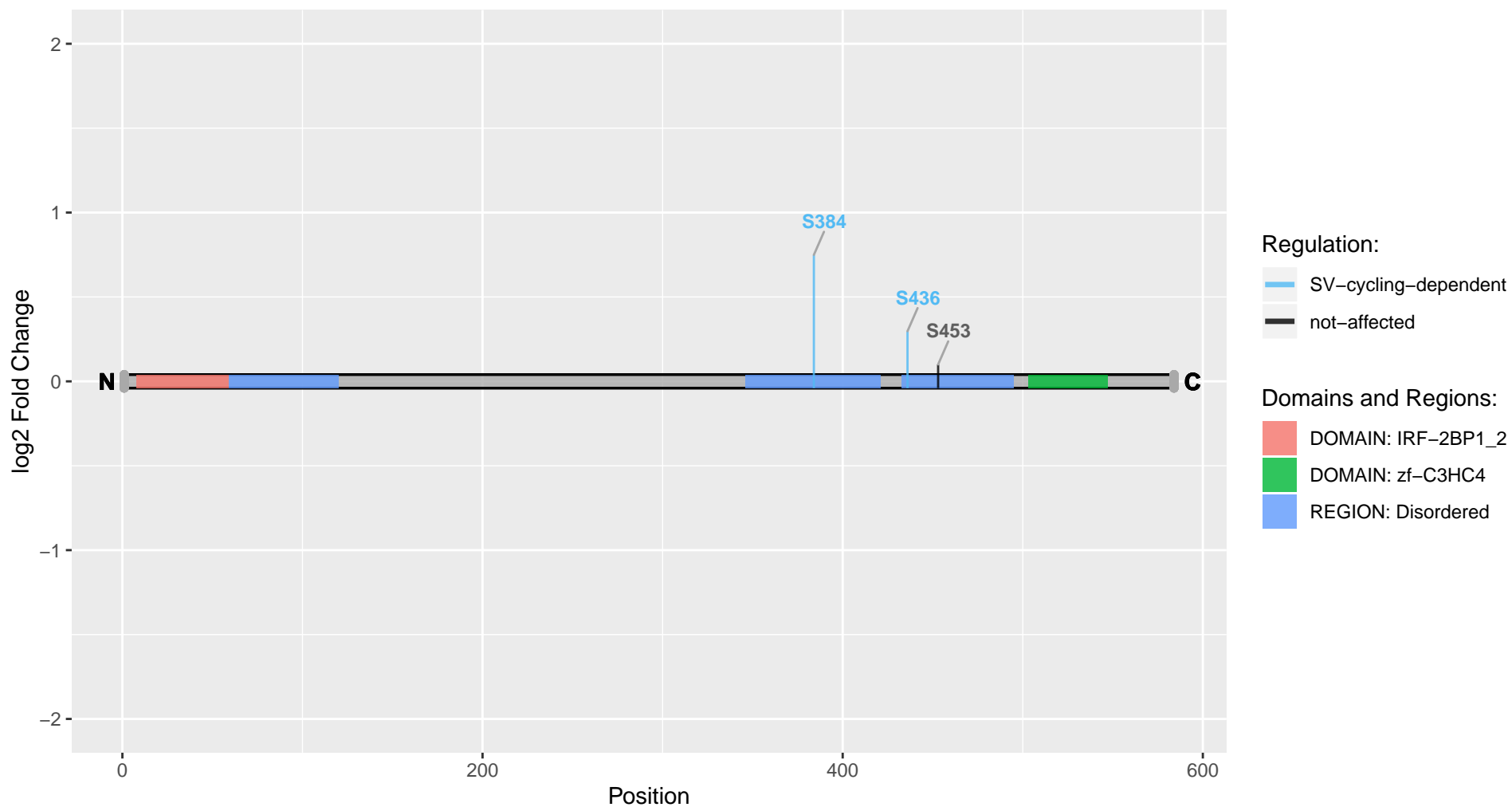
IQ motif and SEC7 domain-containing protein 3



Irf2bp1

Uniprot Accession: D4AAZ8

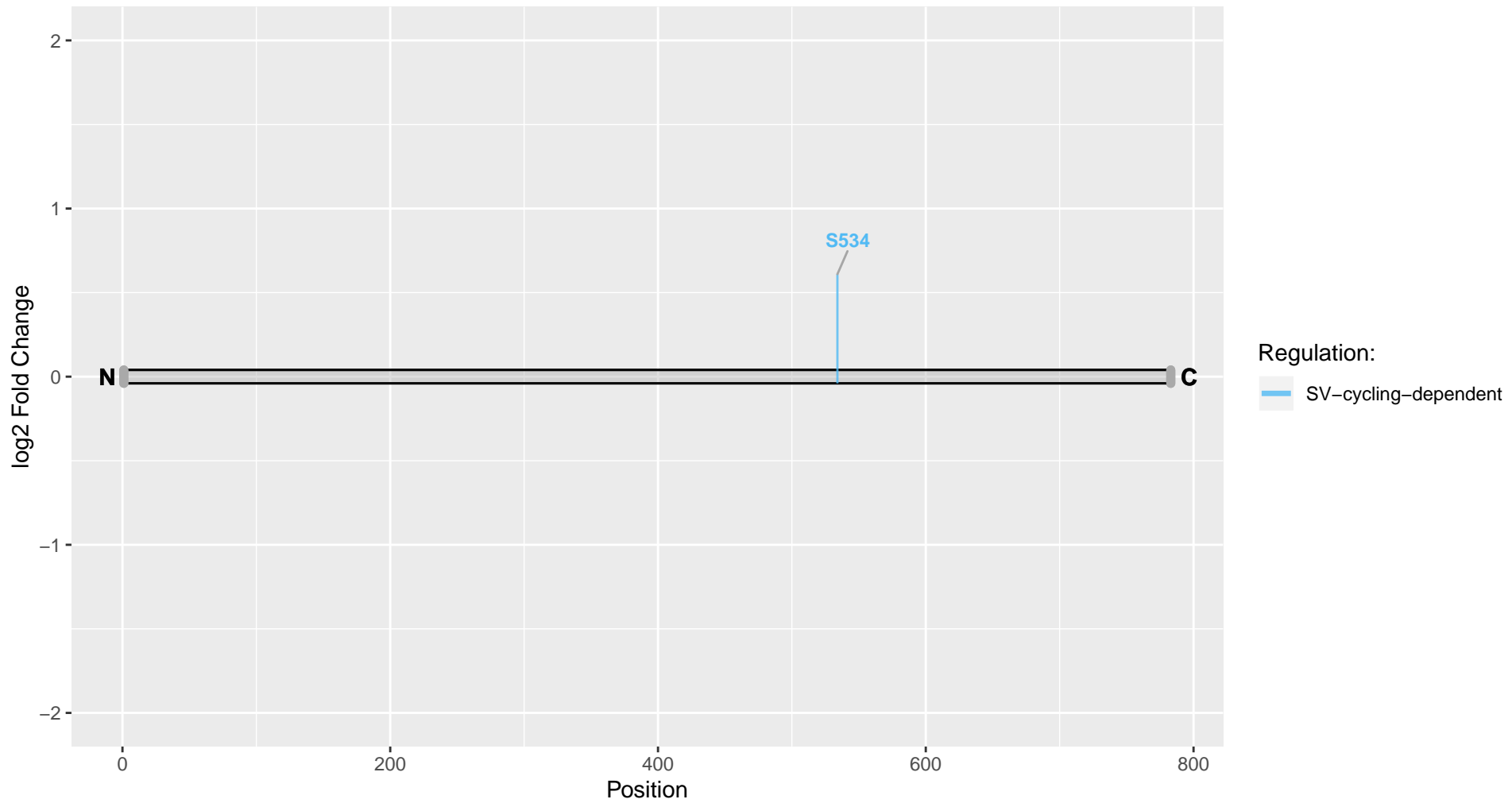
Interferon regulatory factor 2 binding protein 1 (Predicted)



Irf2bpl

Uniprot Accession: Q5EIC4

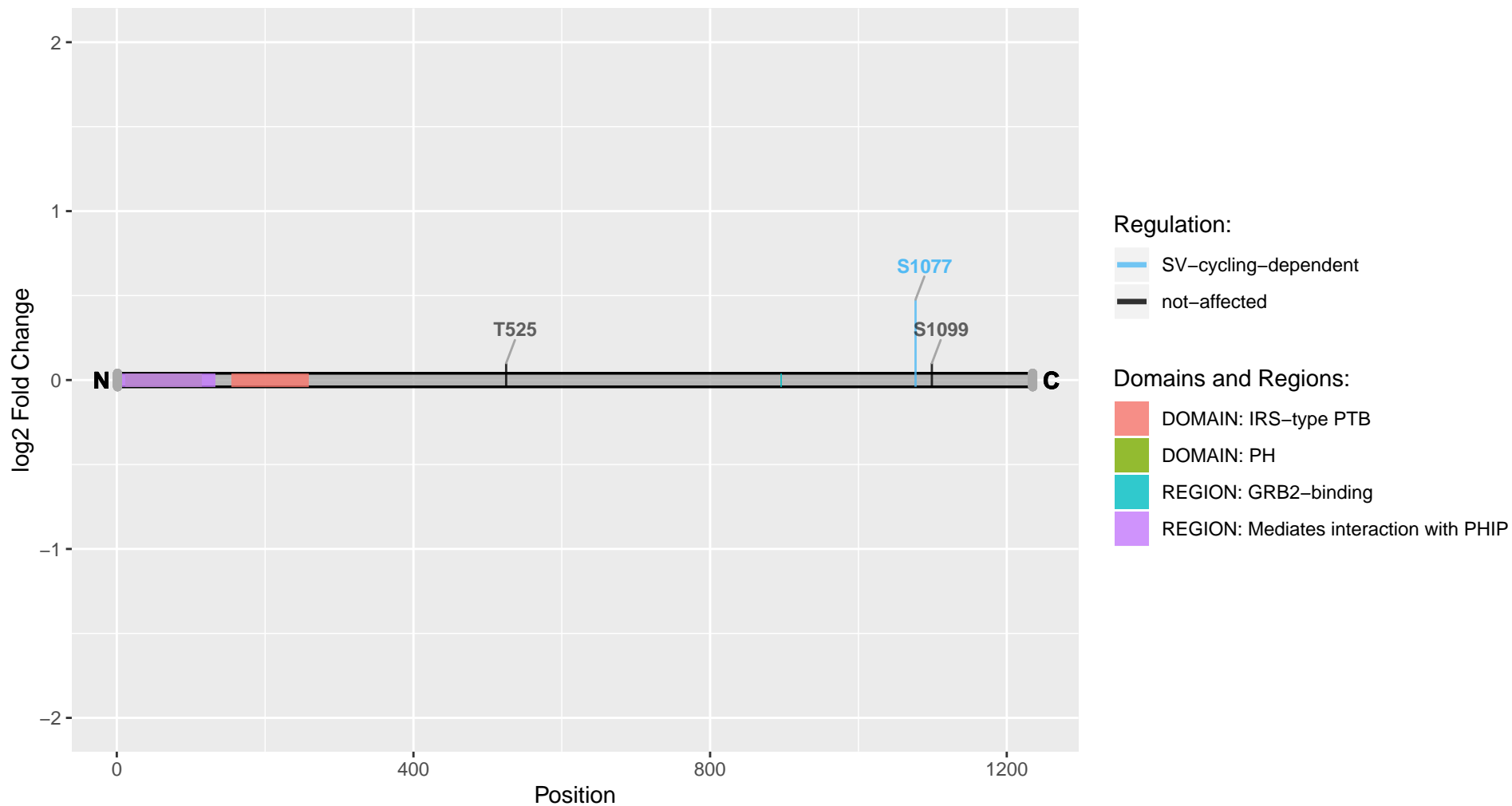
Interferon regulatory factor 2-binding protein-like



Irs1

Uniprot Accession: P35570

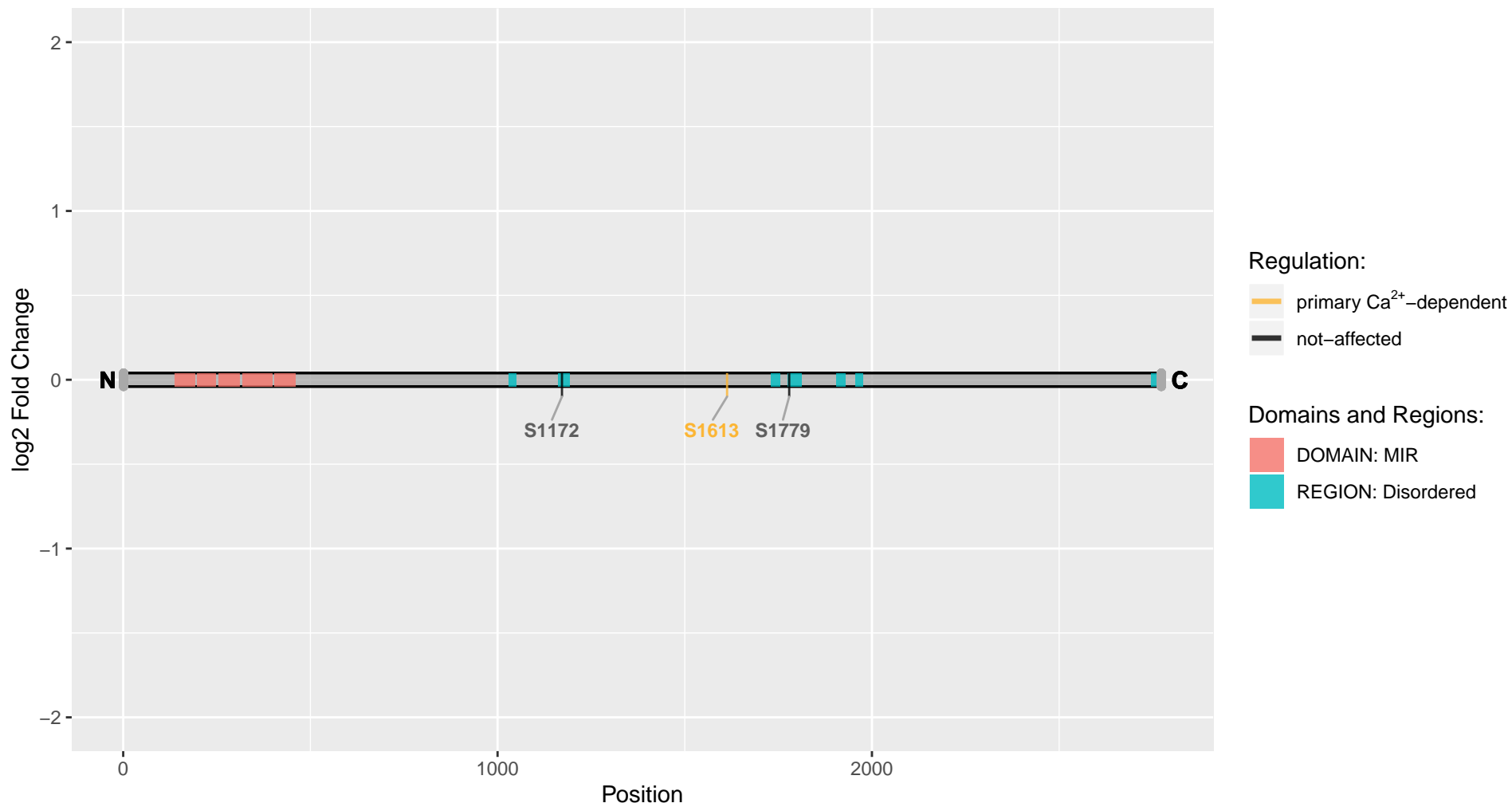
Insulin receptor substrate 1



Itpr1

Uniprot Accession: F1LNT1

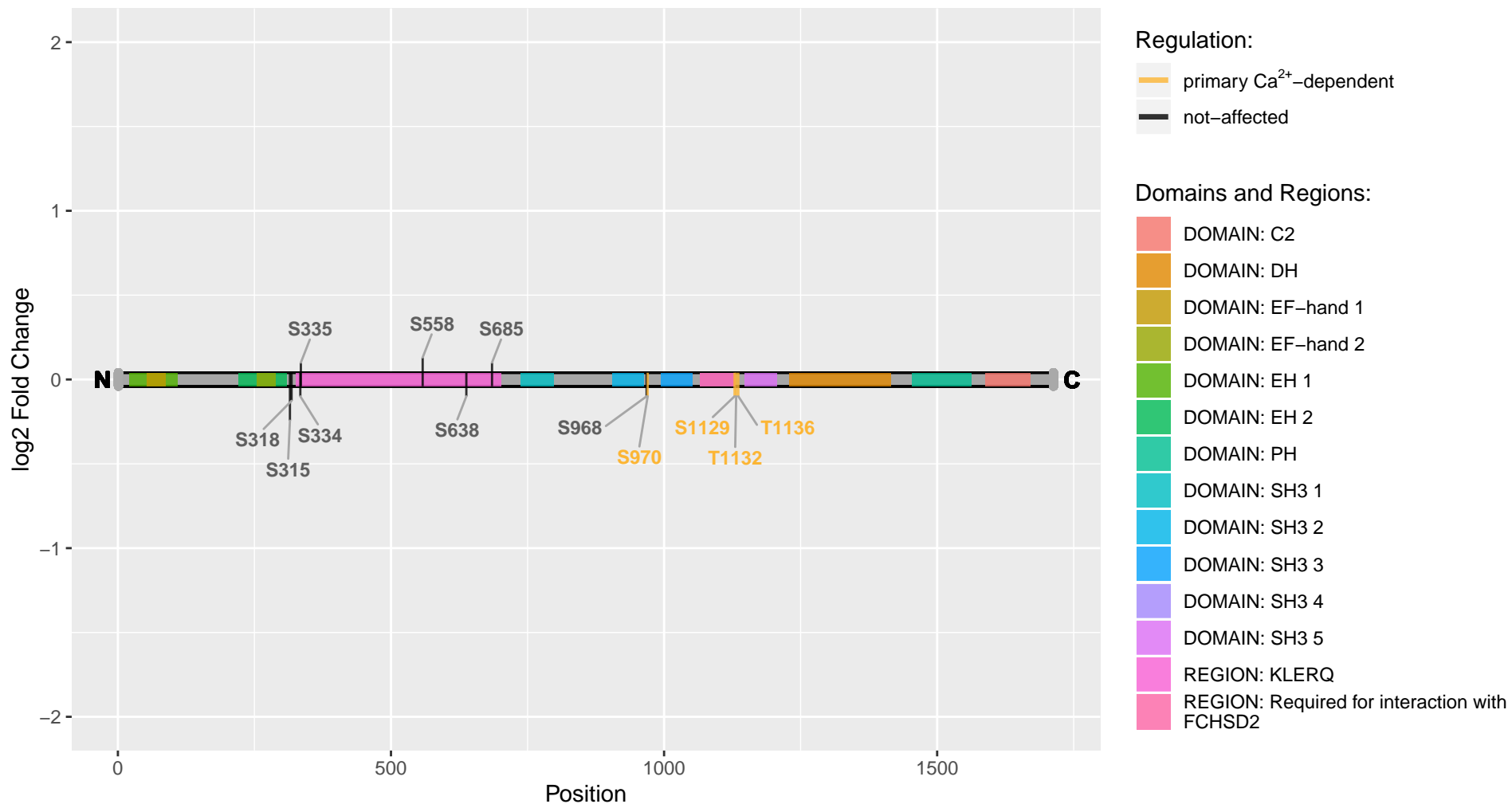
Inositol 1,4,5-trisphosphate receptor type 1



Itsn1

Uniprot Accession: Q9WVE9

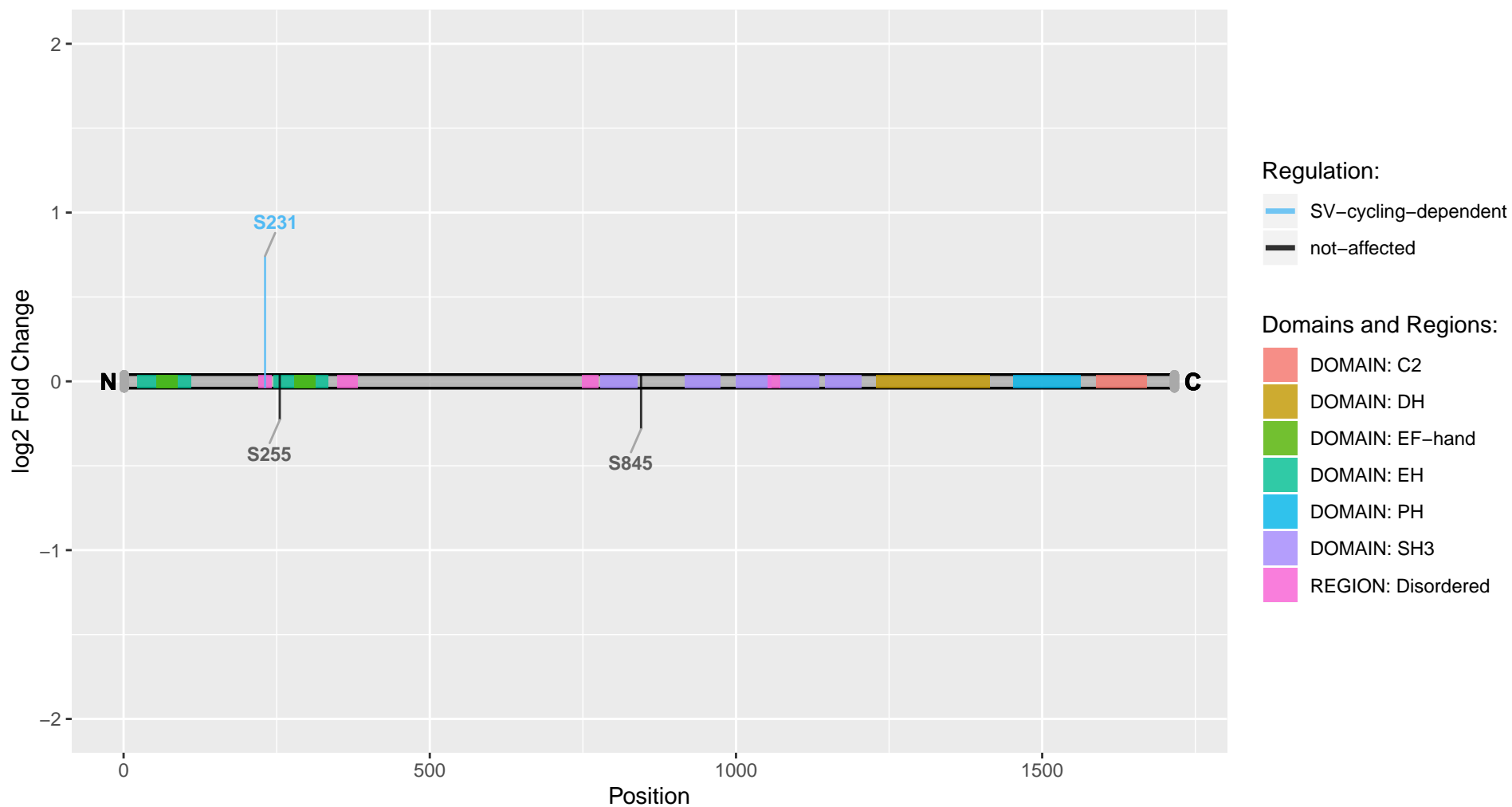
Intersectin-1



Itns2

Uniprot Accession: M0R7A6

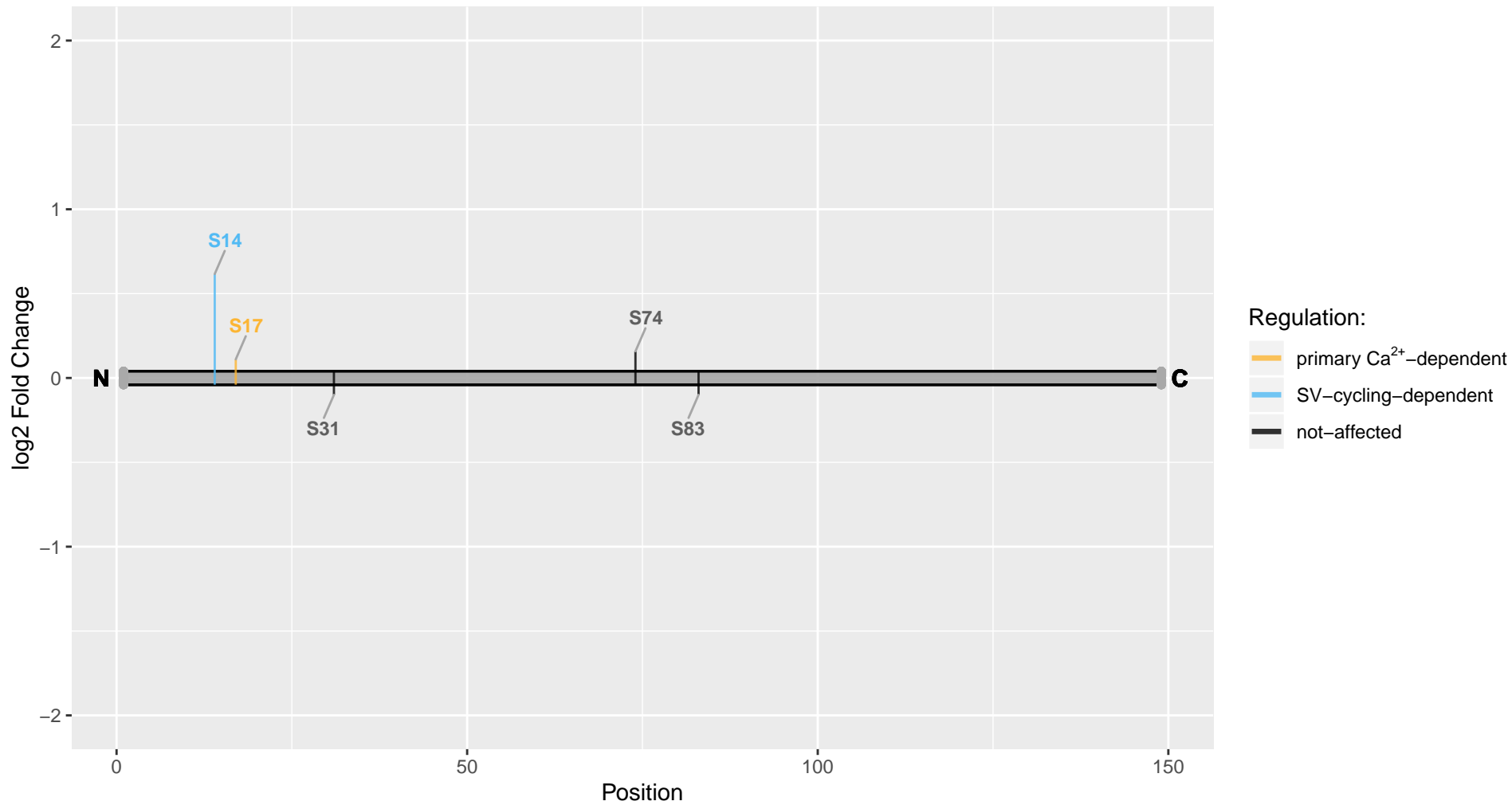
Intersectin 2



JPT1

Uniprot Accession: Q6AXU6

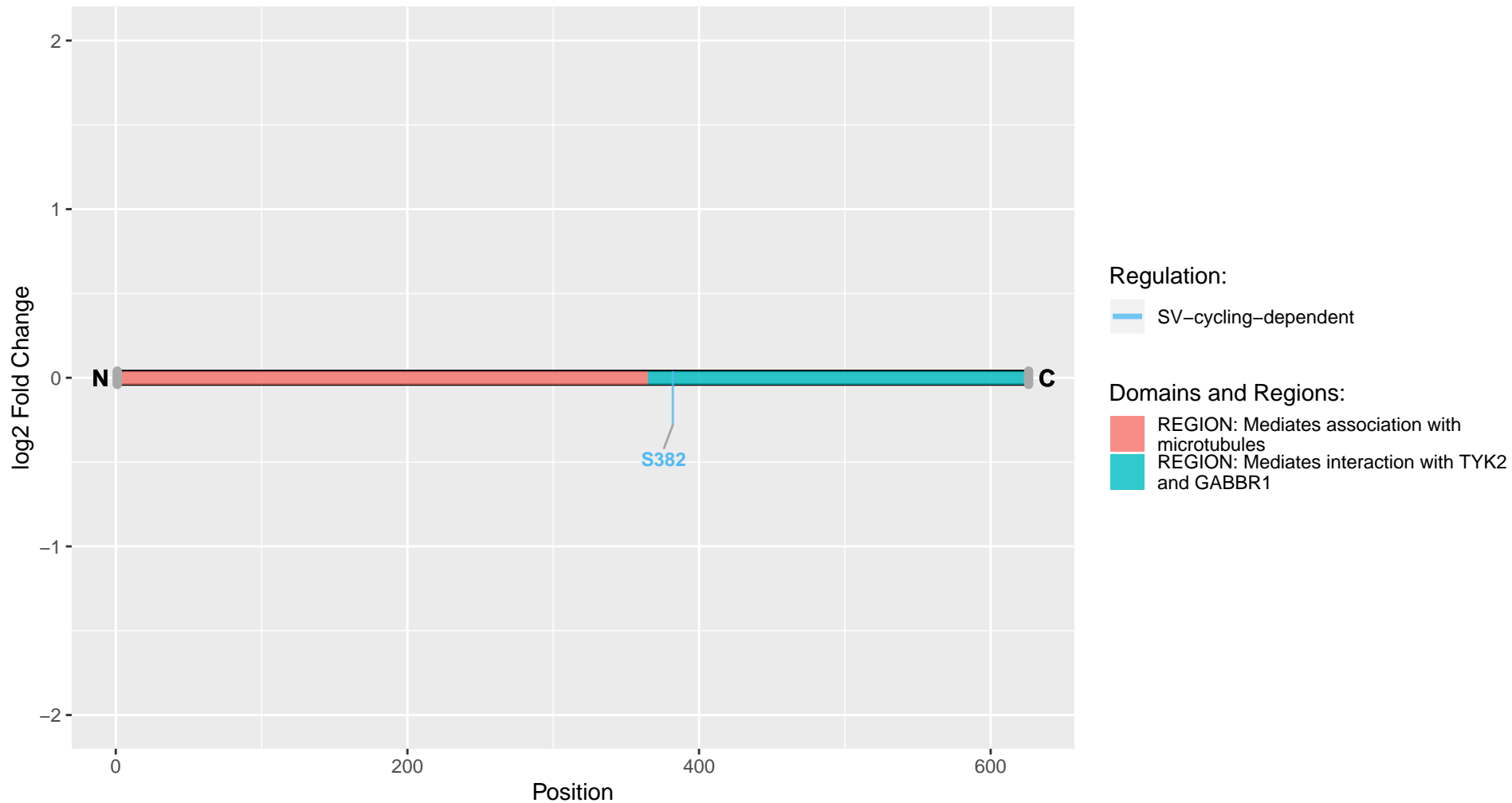
Jupiter microtubule associated homolog 1



Jakmip1

Uniprot Accession: Q3SWS9

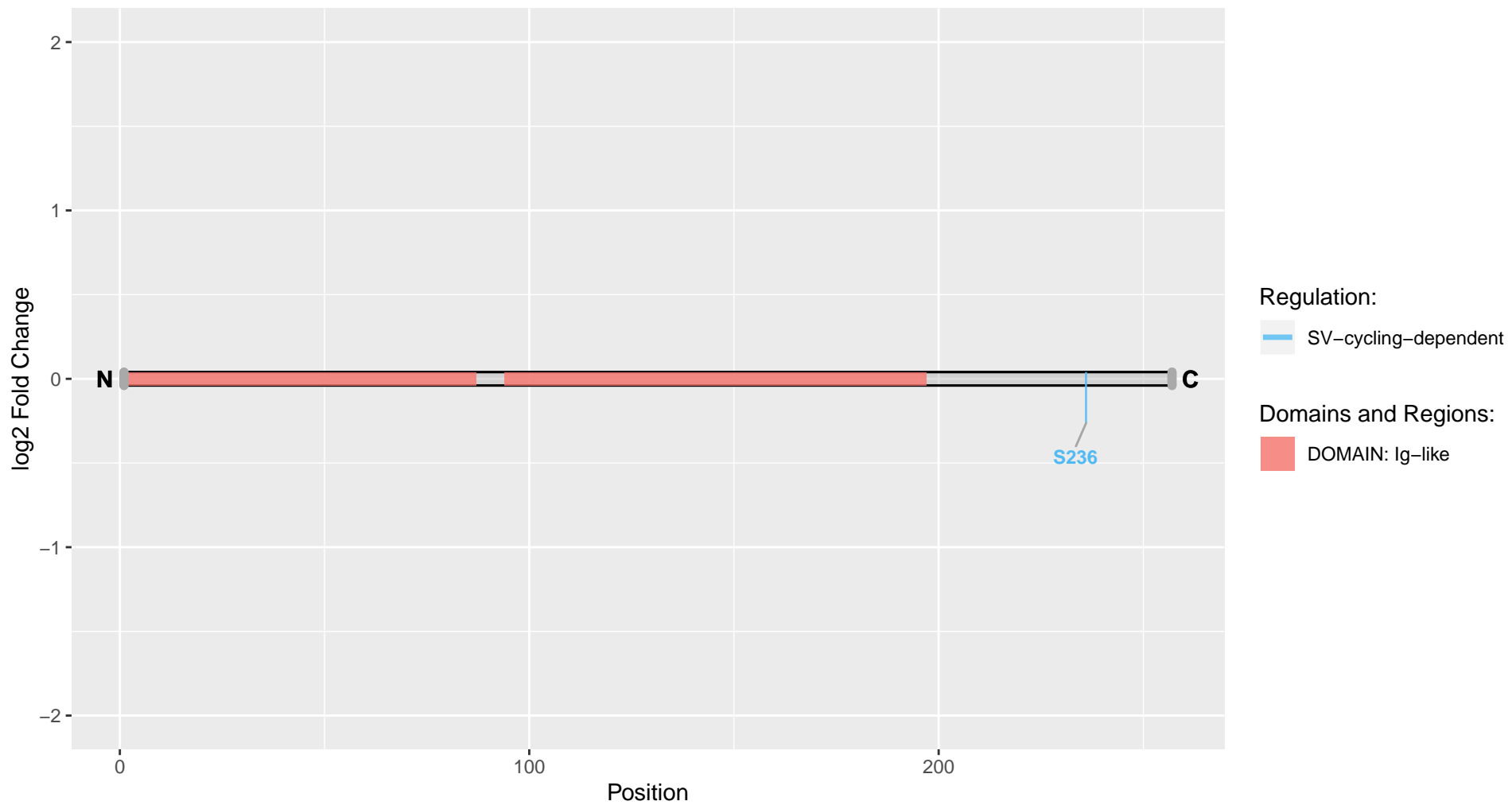
Janus kinase and microtubule-interacting protein 1



Jam2

Uniprot Accession: F1M065

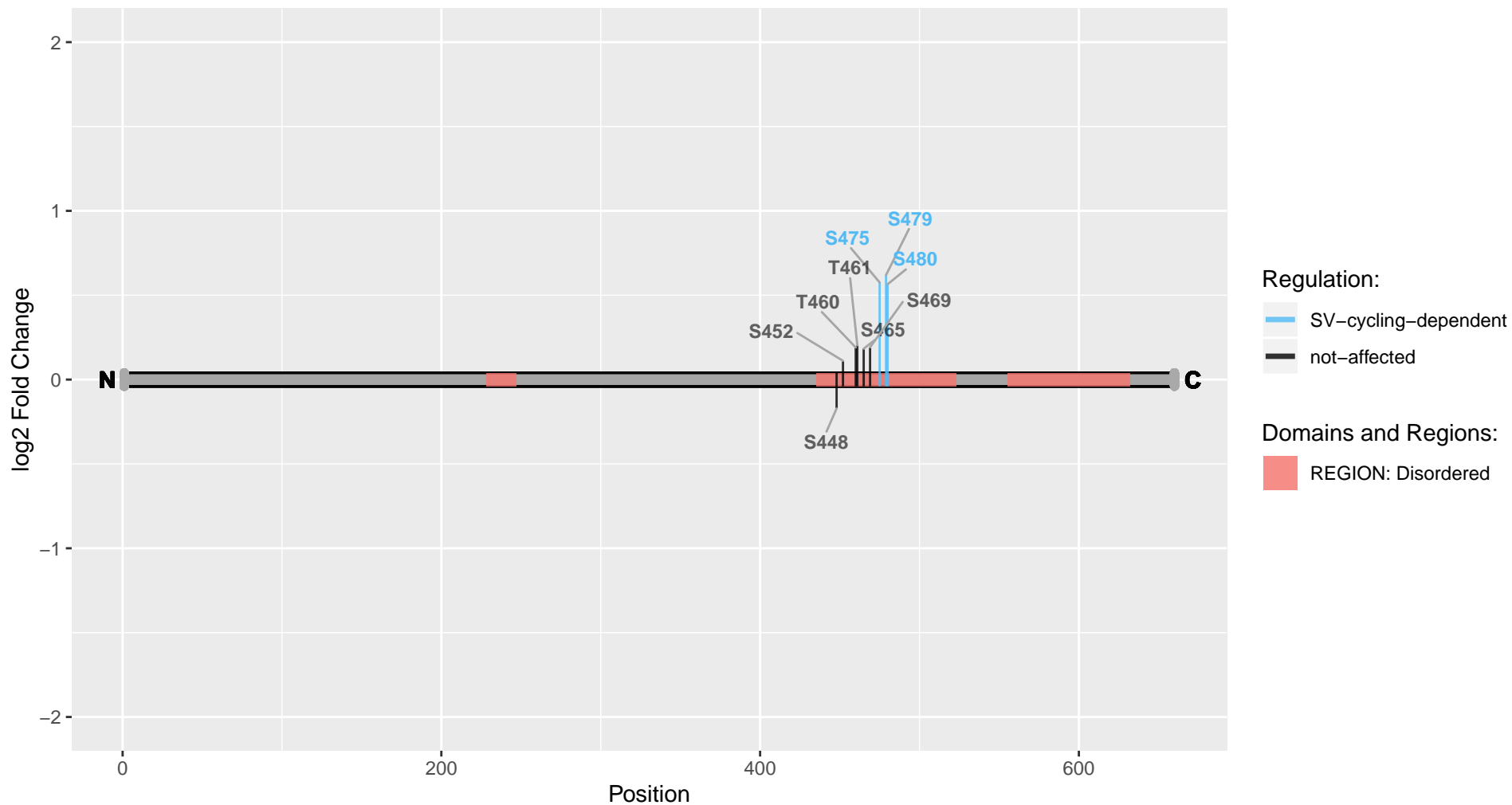
Junctional adhesion molecule 2



Jph1

Uniprot Accession: D3ZQ55

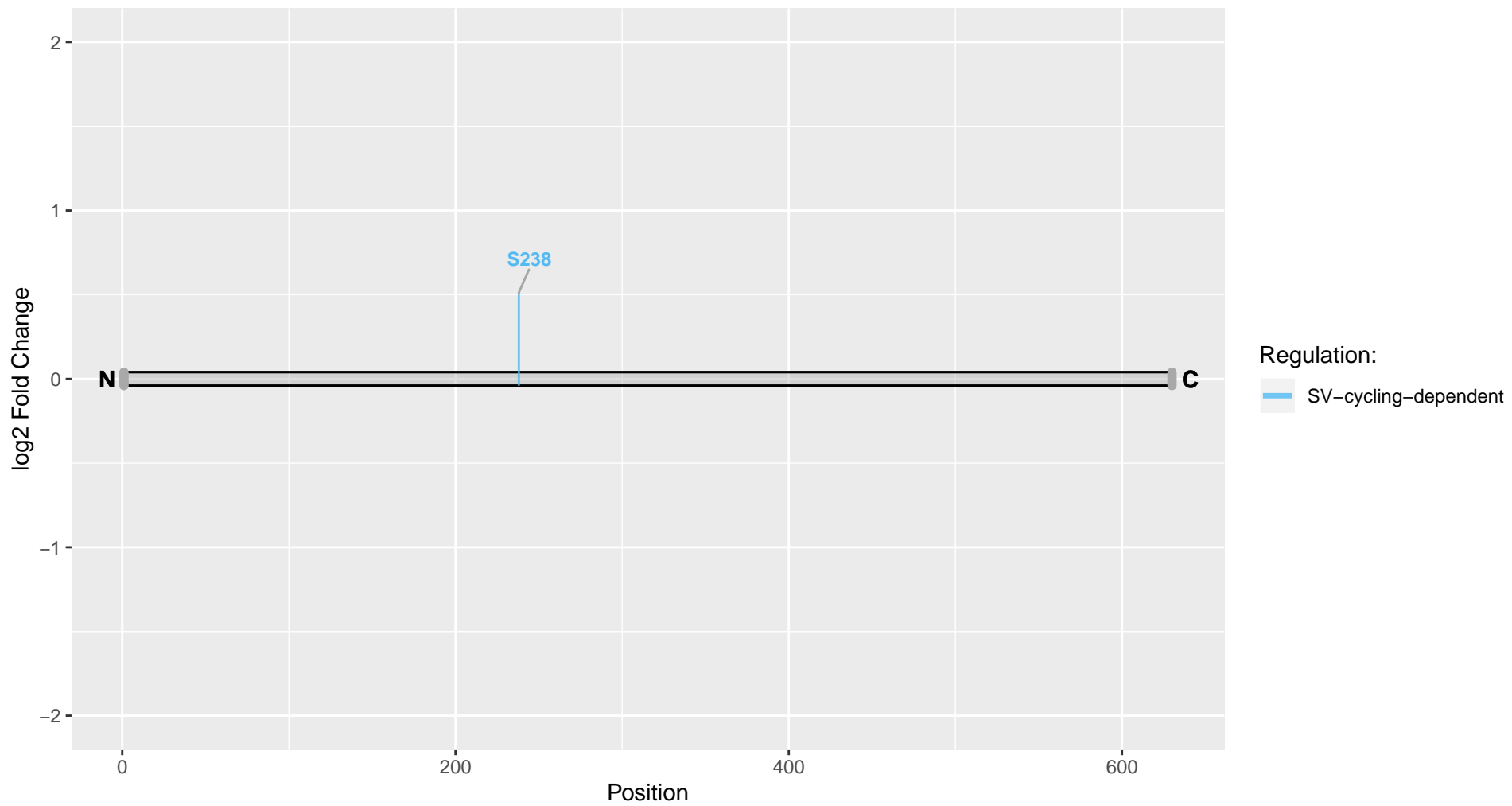
Junctophilin 1



Jph4

Uniprot Accession: Q69FB3

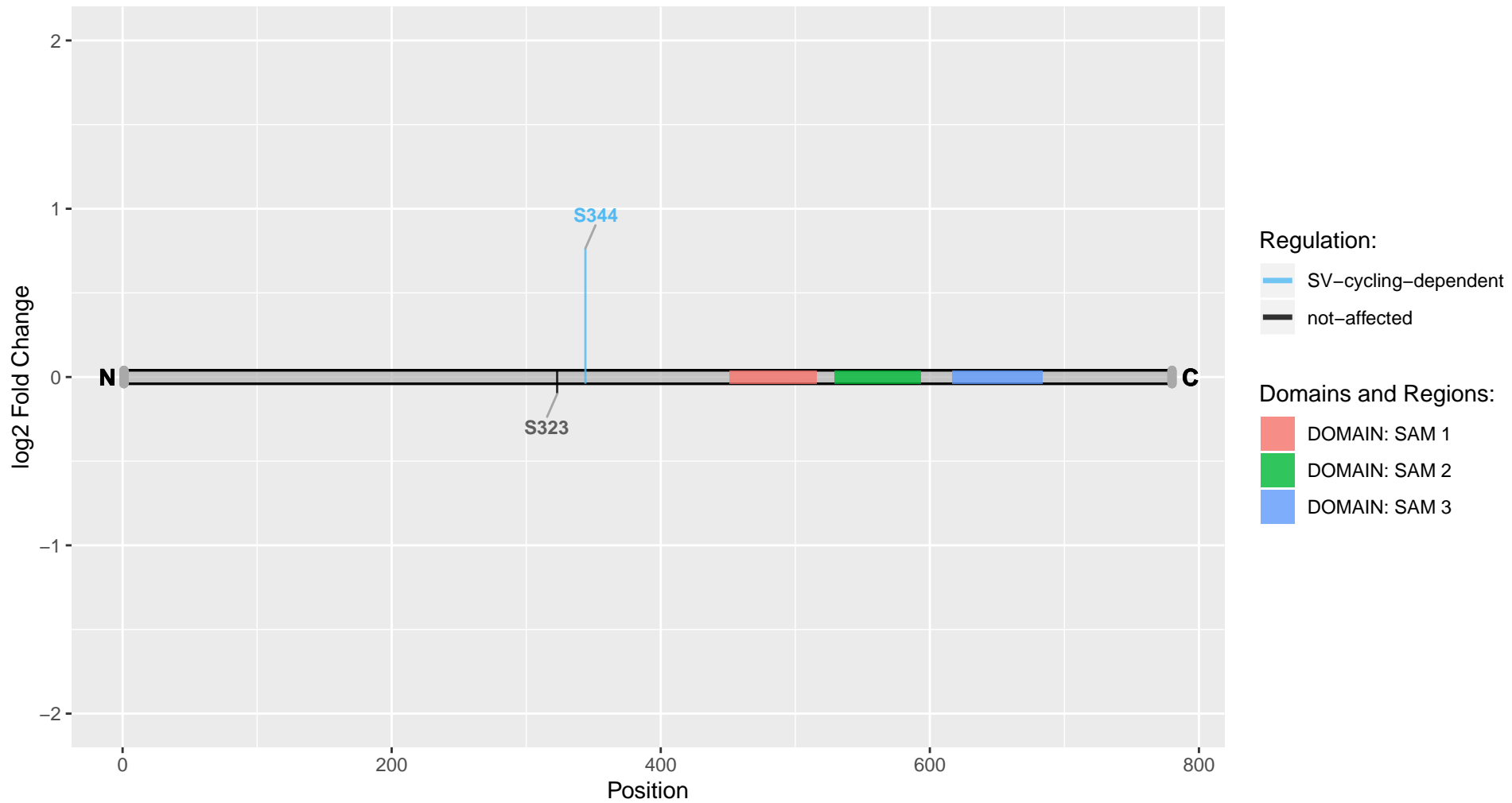
Junctophilin-4



Kazn

Uniprot Accession: Q5FWS6

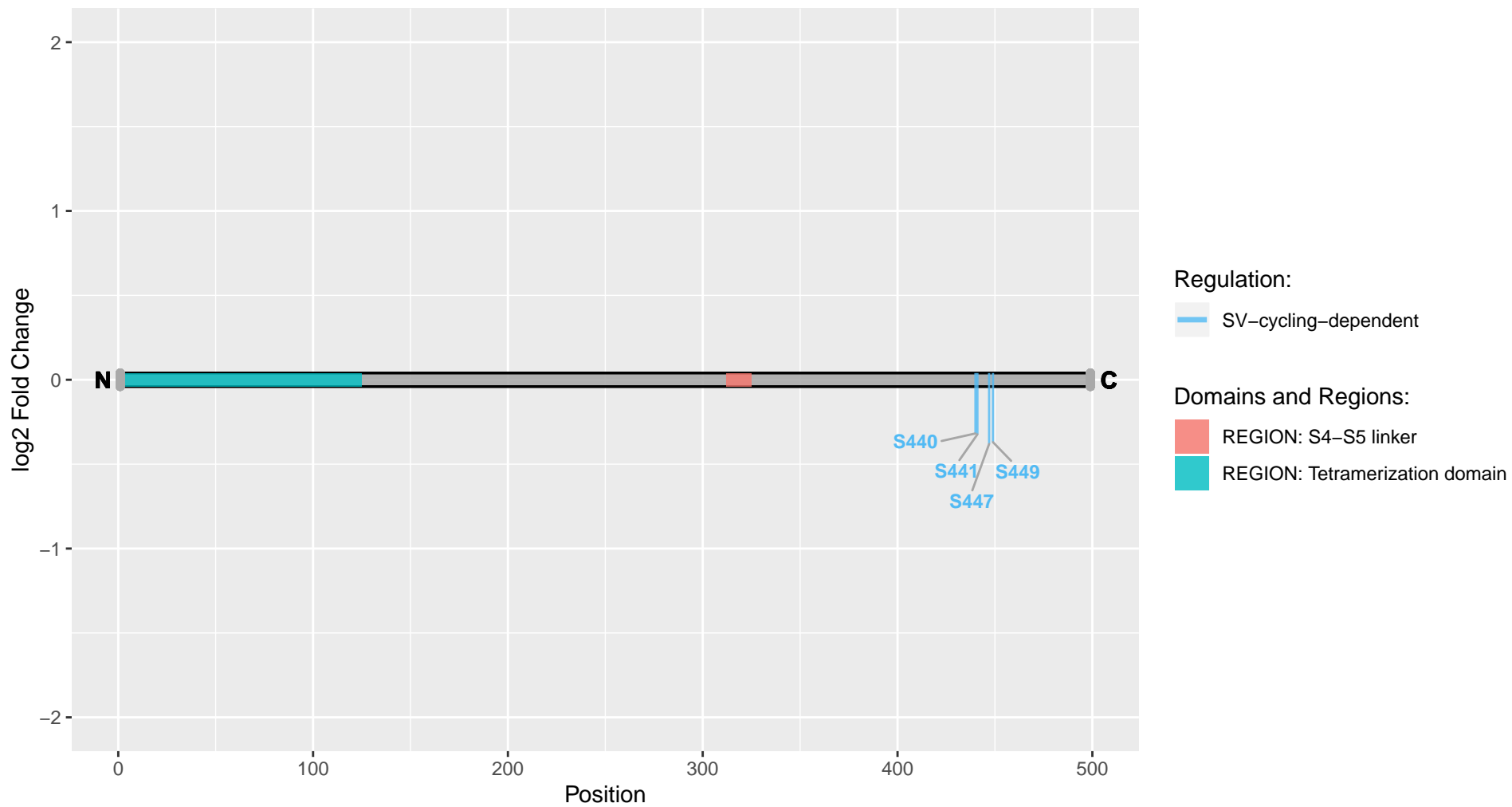
Kazrin



Kcna2

Uniprot Accession: P63142

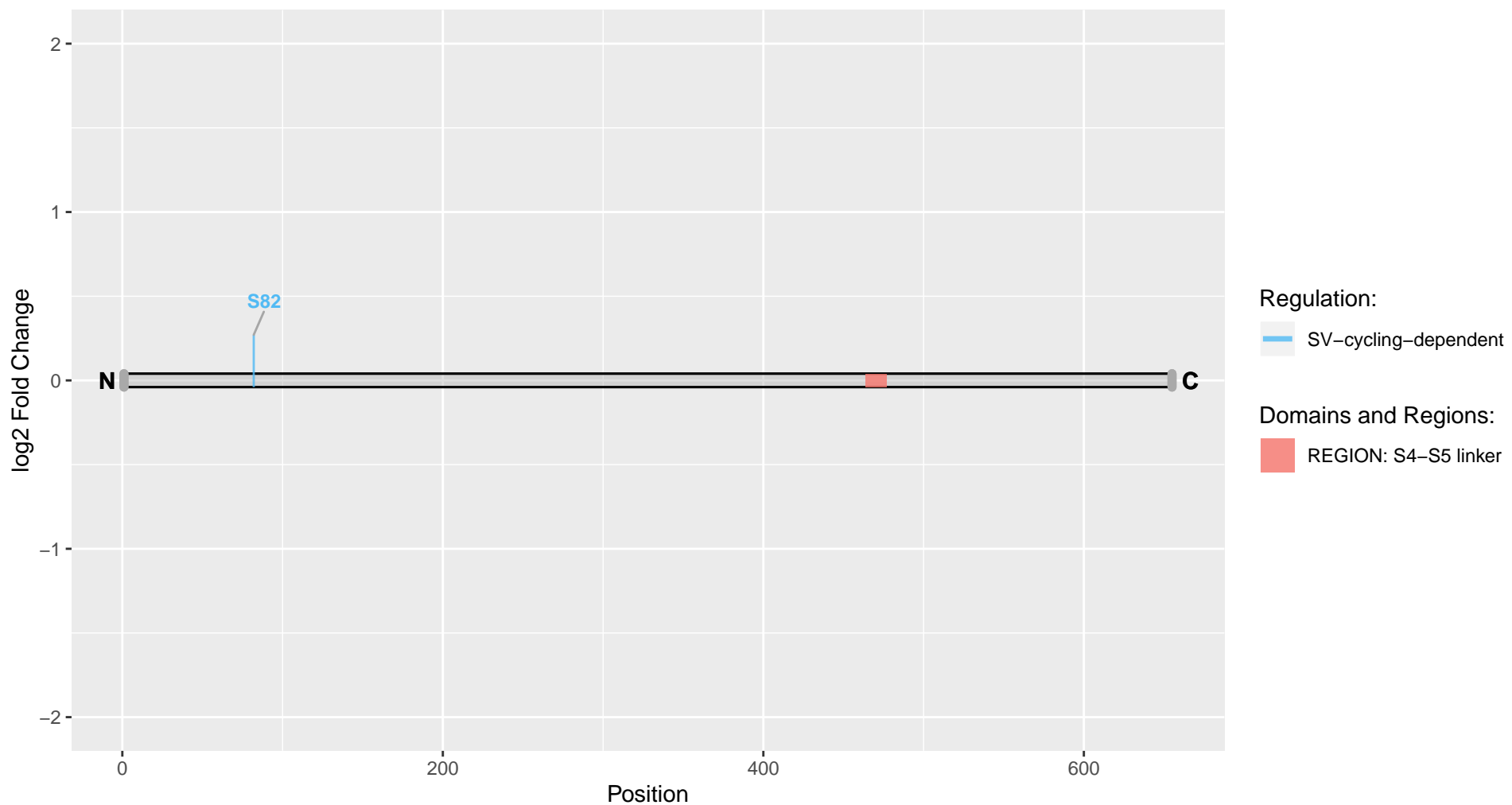
Potassium voltage-gated channel subfamily A member 2



Kcna4

Uniprot Accession: P15385

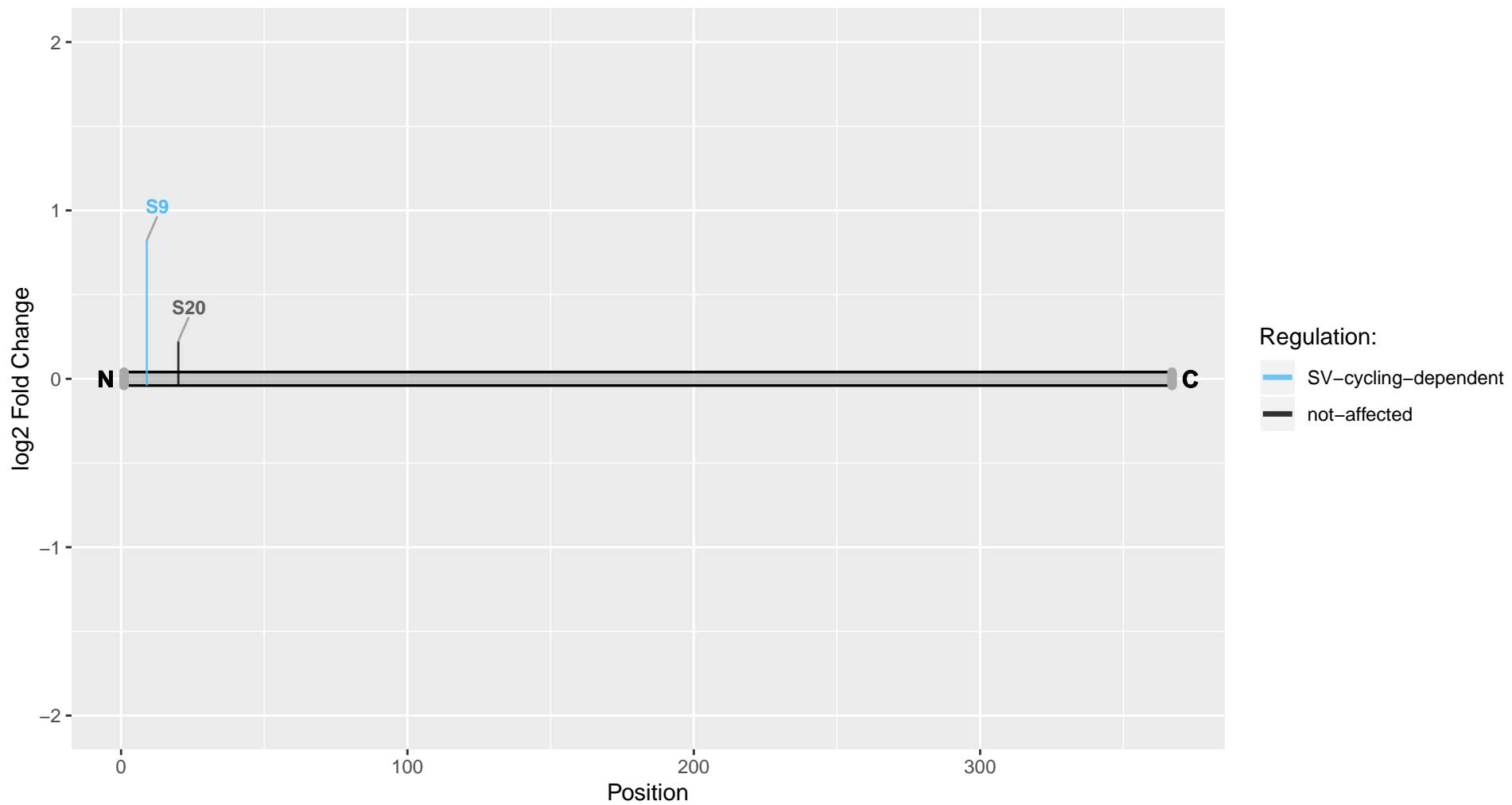
Potassium voltage-gated channel subfamily A member 4



Kcnab2

Uniprot Accession: P62483

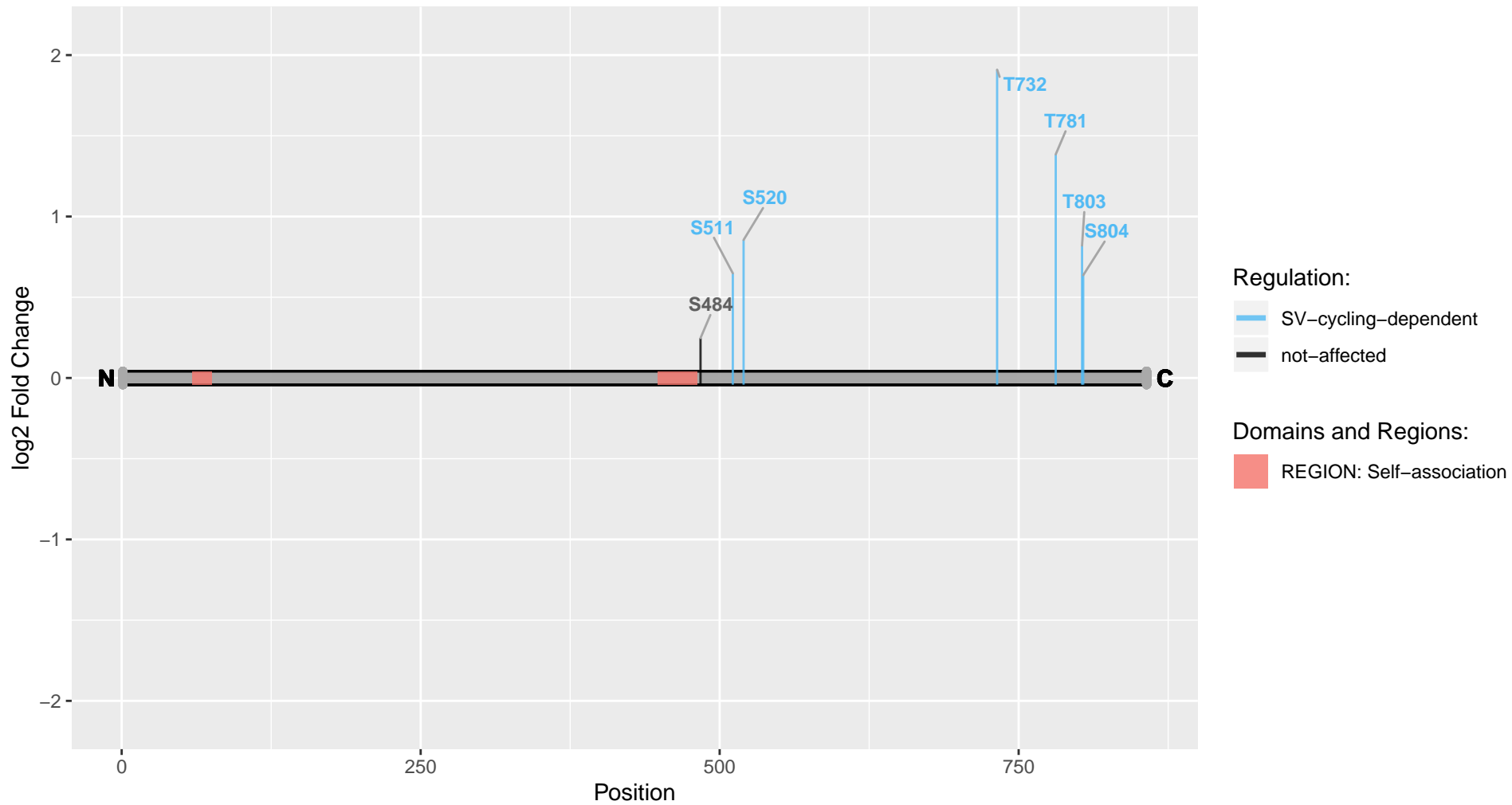
Voltage-gated potassium channel subunit beta-2



Kcnb1

Uniprot Accession: P15387

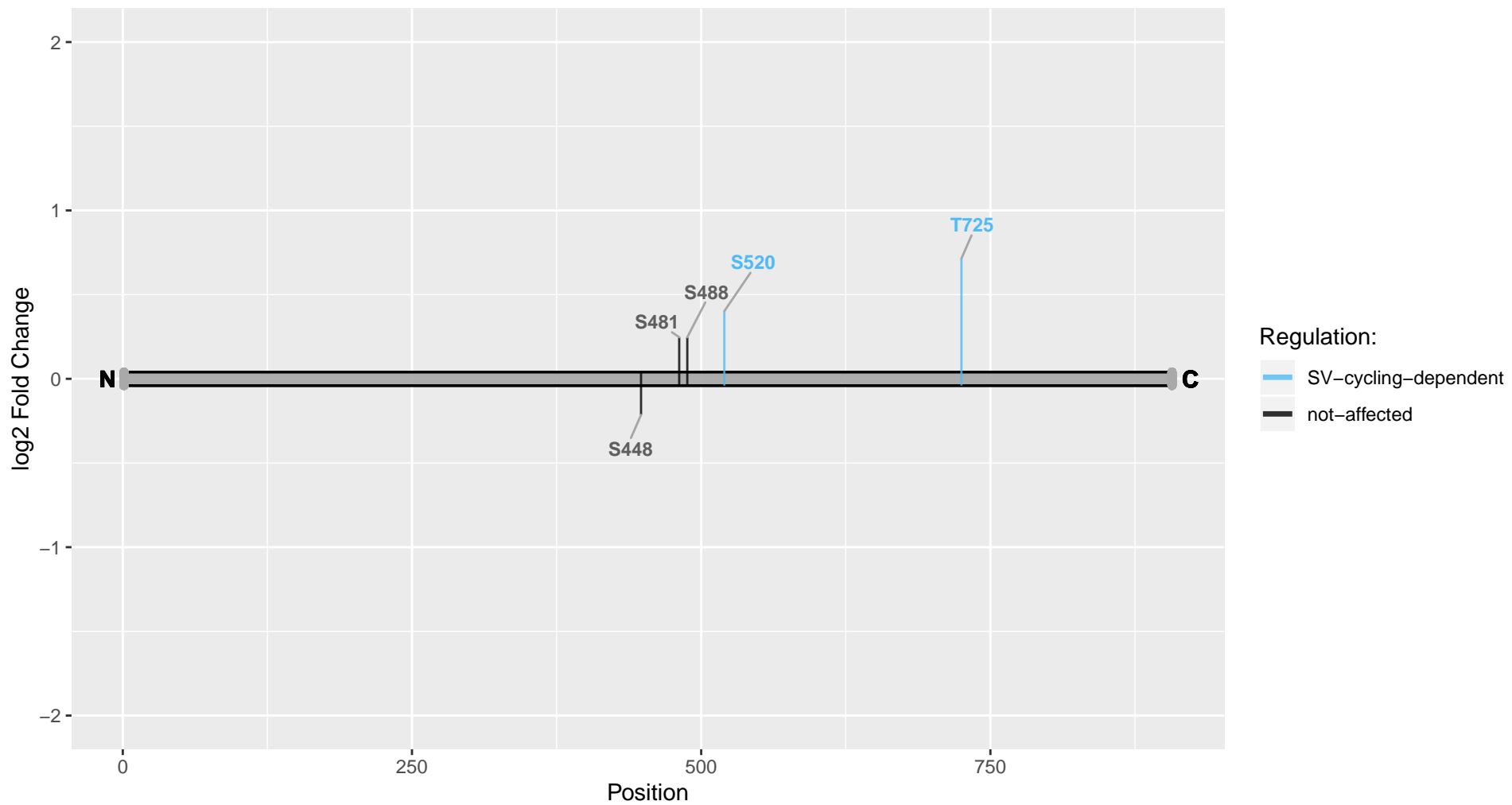
Potassium voltage-gated channel subfamily B member 1



Kcnc2

Uniprot Accession: Q63099

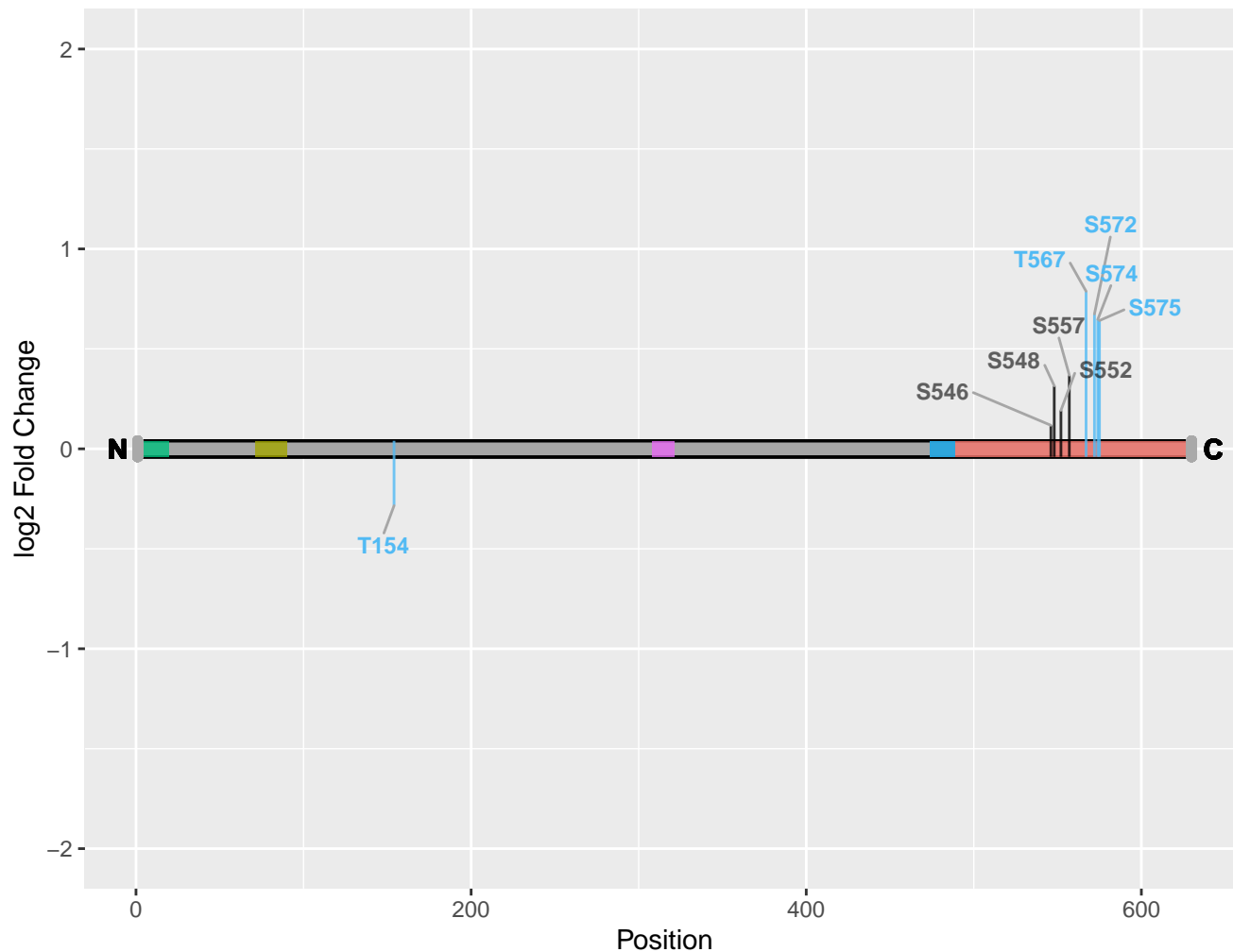
Potassium voltage-gated channel subfamily B member 2



Kcnd2

Uniprot Accession: Q63881

Potassium voltage-gated channel subfamily D member 2



Regulation:

- SV-cycling-dependent
- not-affected

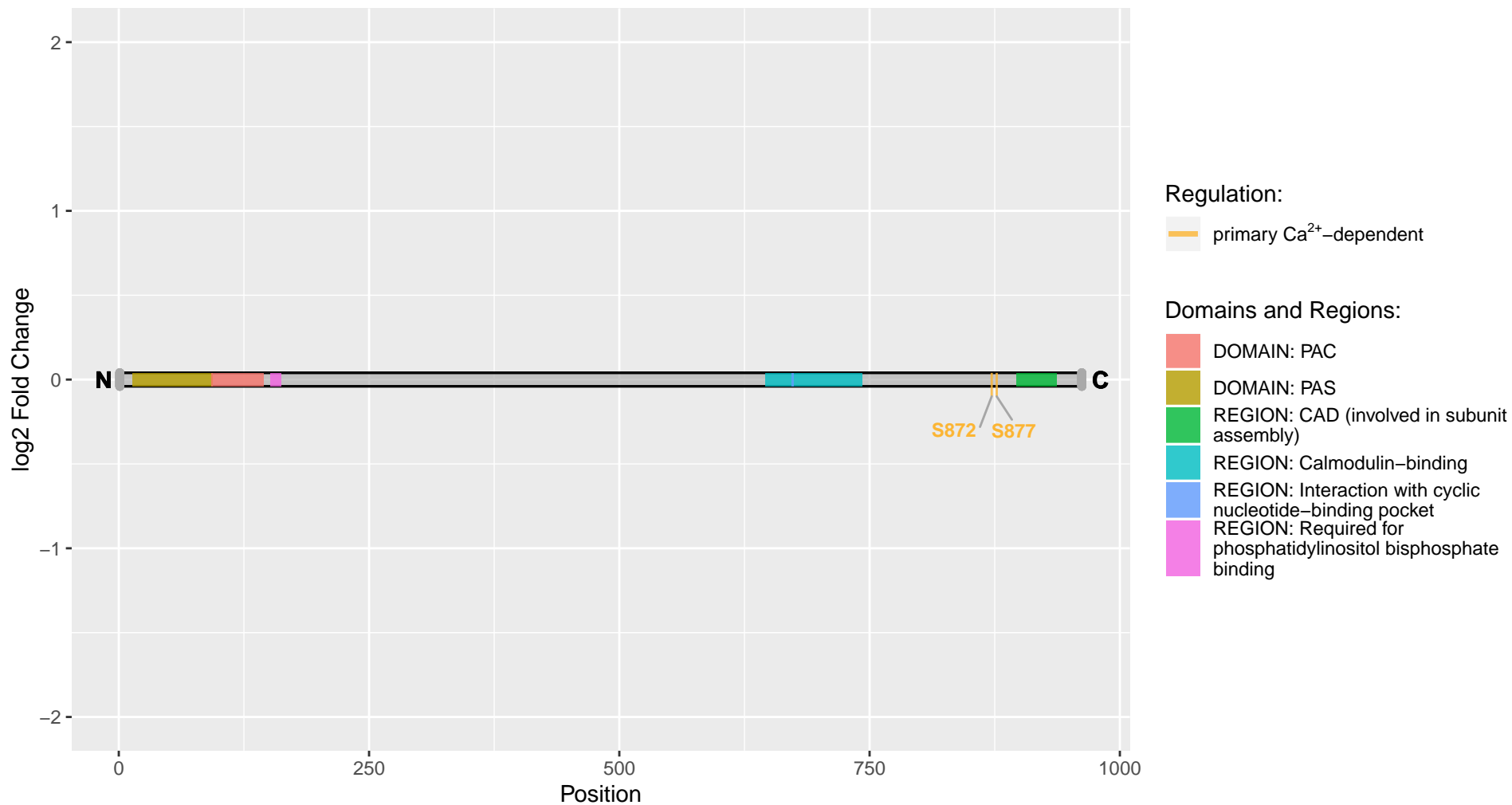
Domains and Regions:

- REGION: Important for normal channel activation and inactivation, for interaction with KCNIP2, and probably other family members as well
- REGION: Interaction with KCNIP1
- REGION: Interaction with KCNIP1, KCNIP2, and other family members
- REGION: Required for dendritic targeting
- REGION: S4-S5 linker

Kcnh1

Uniprot Accession: Q63472

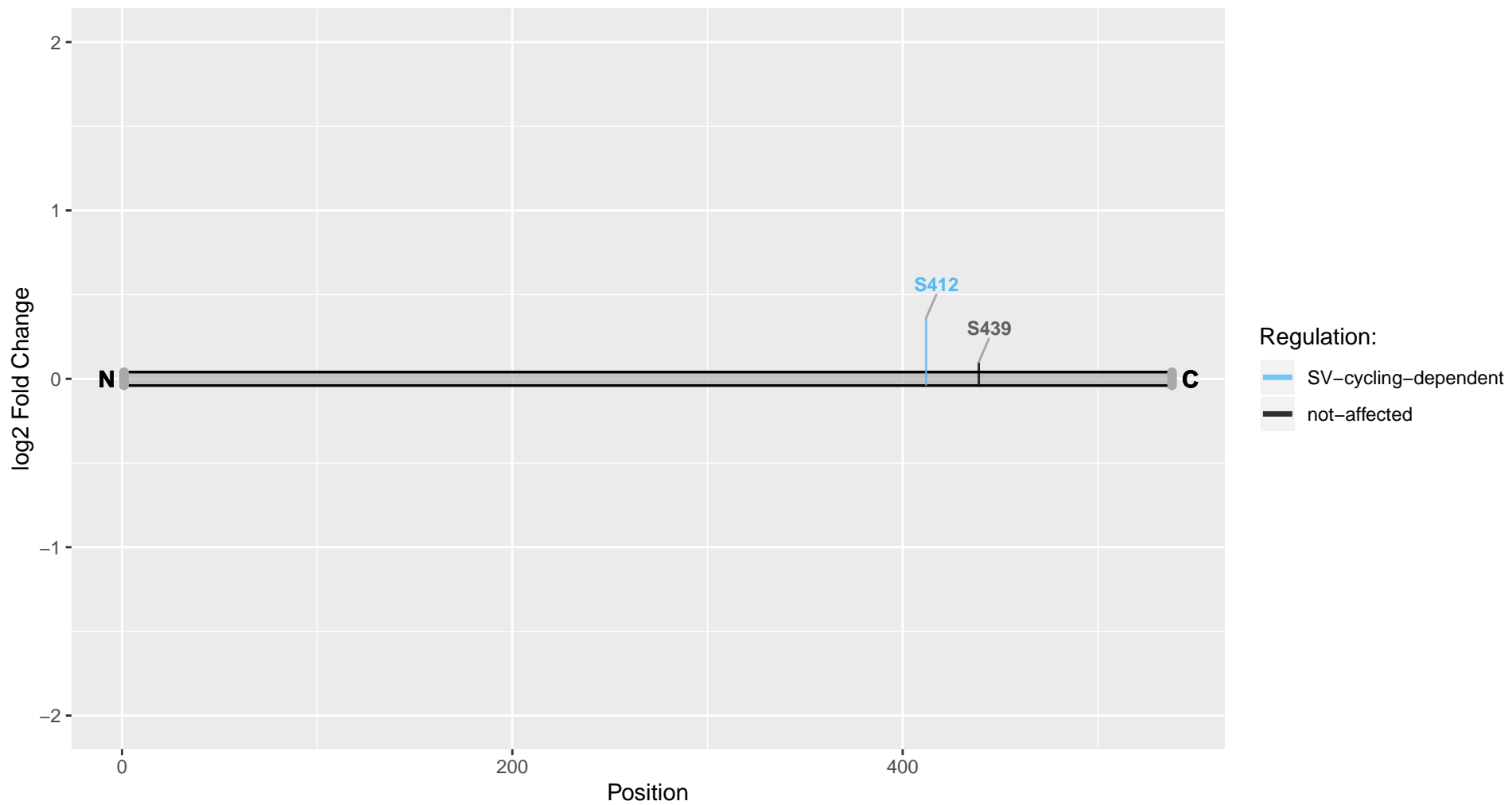
Potassium voltage-gated channel subfamily H member 1



Kcnk10

Uniprot Accession: Q9JIS4

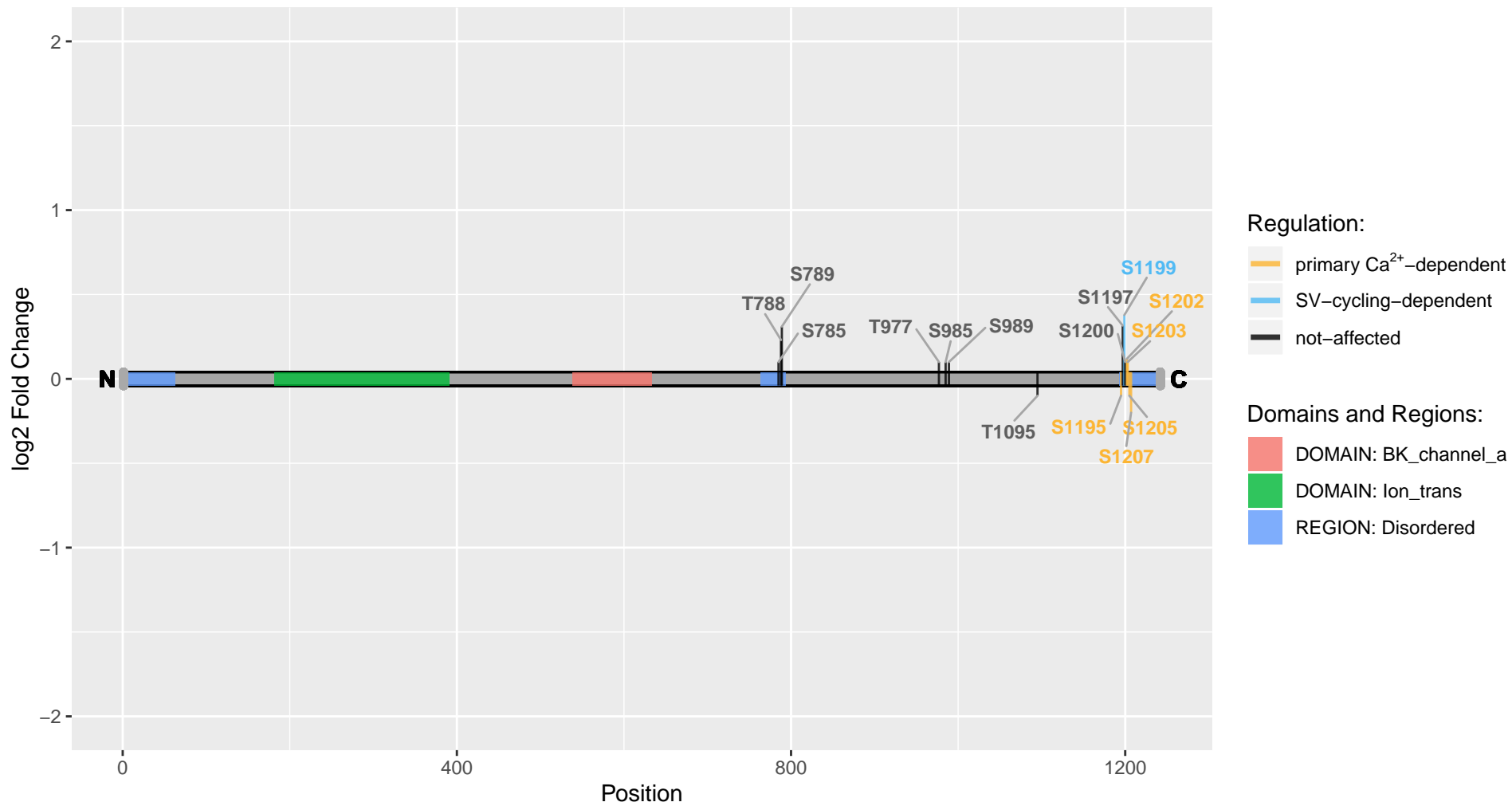
Potassium channel subfamily K member 10



Kcna1

Uniprot Accession: F1LNC7

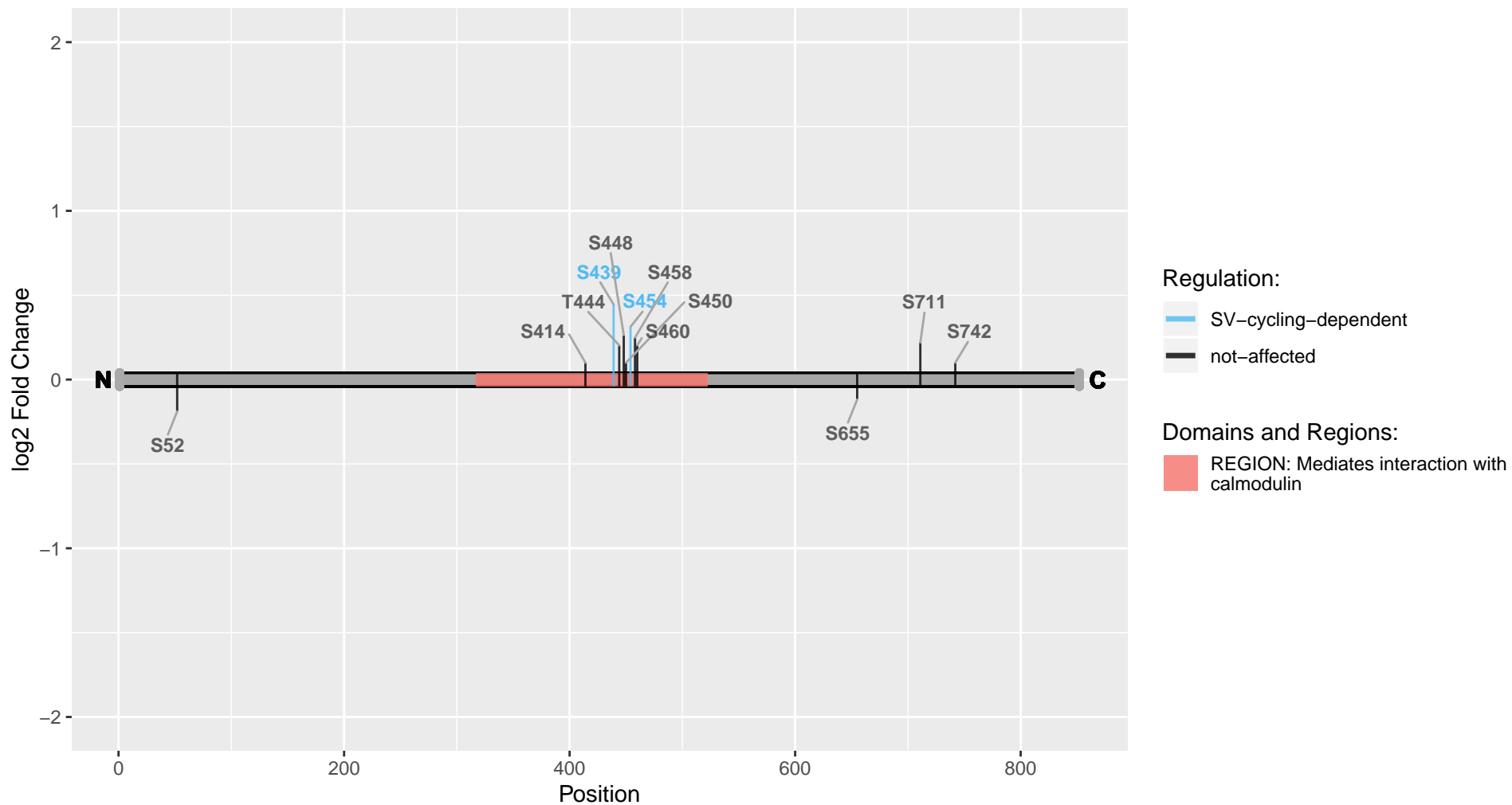
Calcium-activated potassium channel subunit alpha-1



Kcnq2

Uniprot Accession: O88943

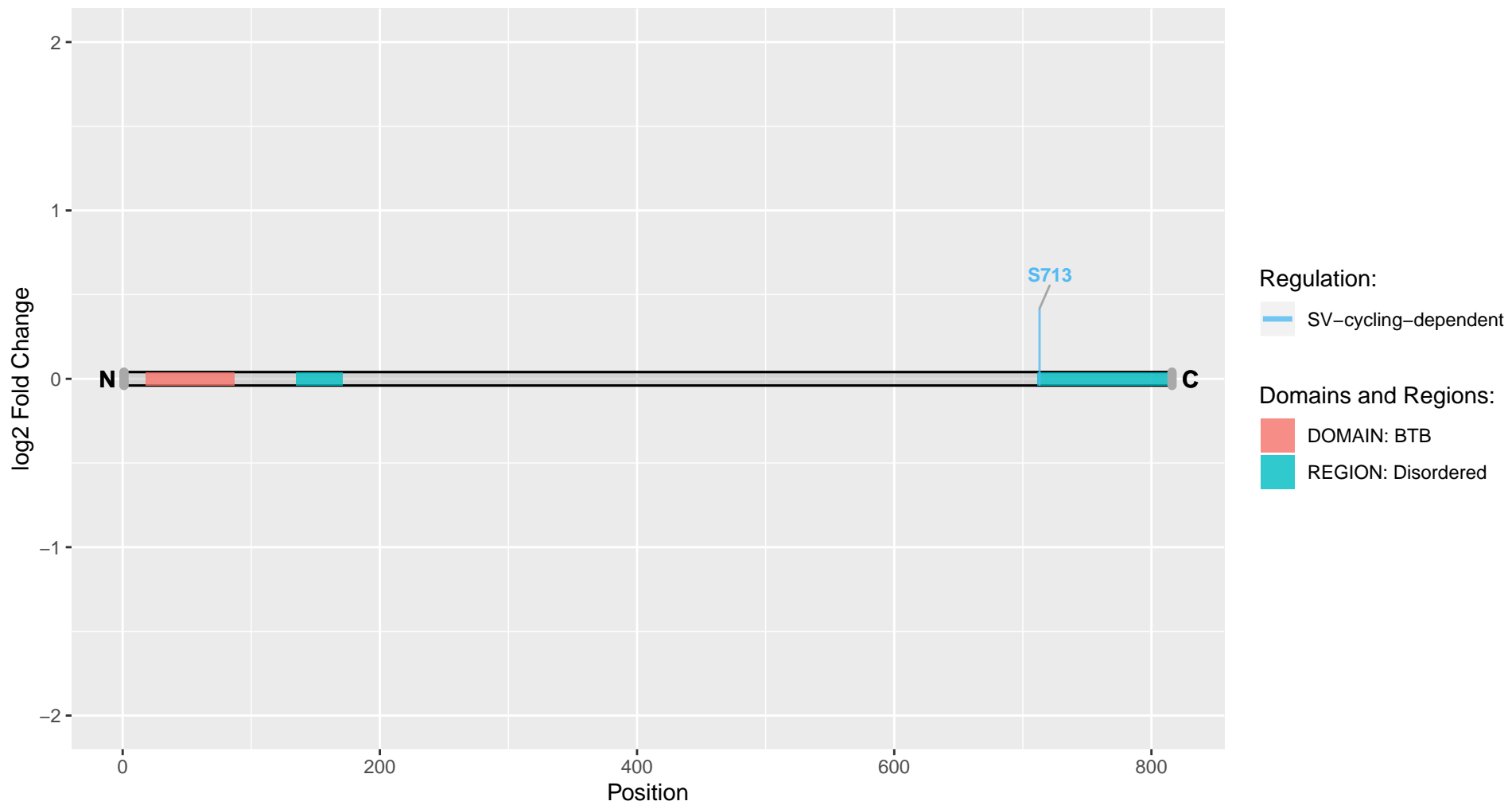
Potassium voltage-gated channel subfamily KQT member 2



Kctd3

Uniprot Accession: D3ZNX0

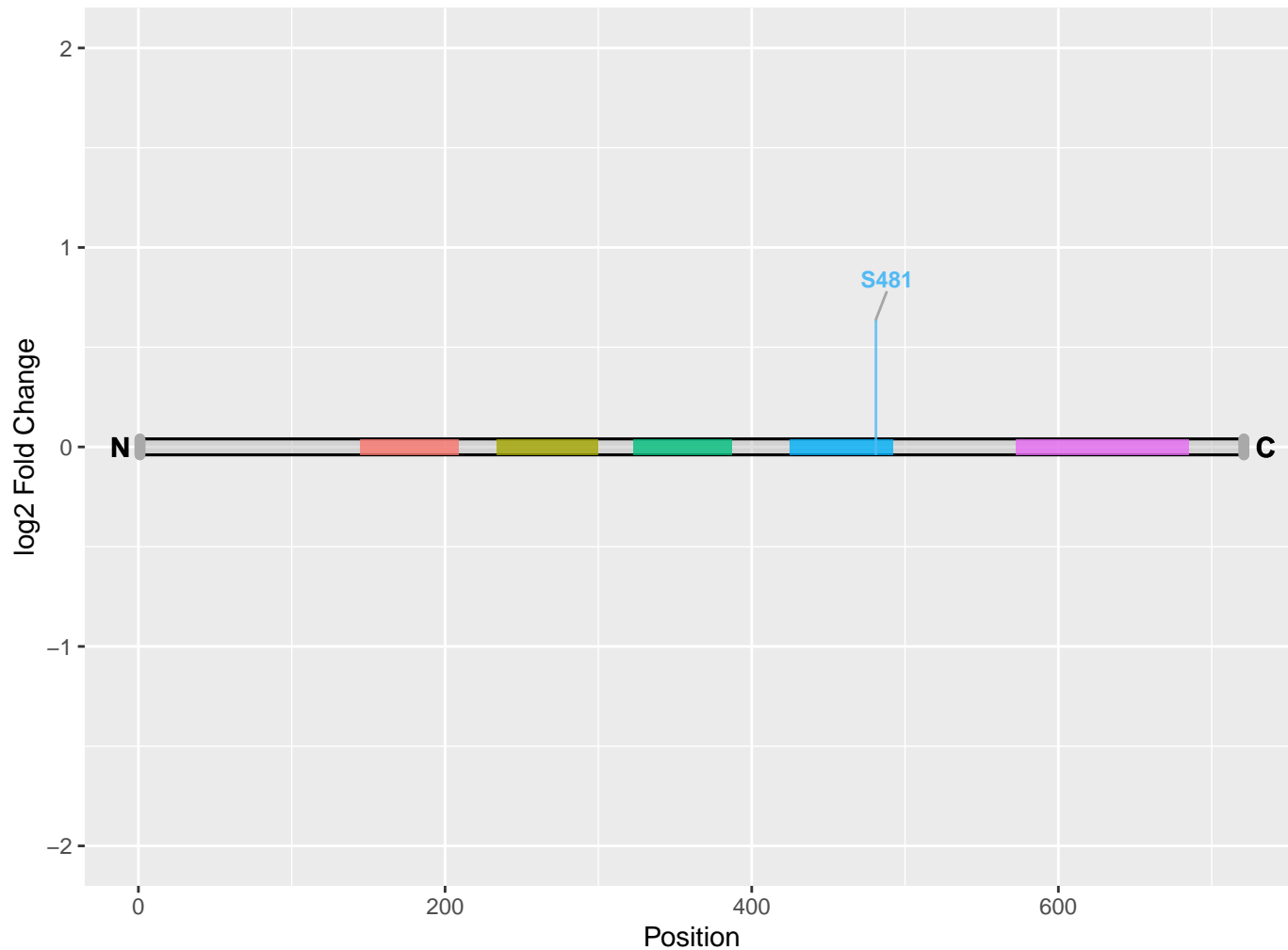
Potassium channel tetramerisation domain containing 3



Khsrp

Uniprot Accession: Q99PF5

Far upstream element-binding protein 2



Regulation:

— SV-cycling-dependent

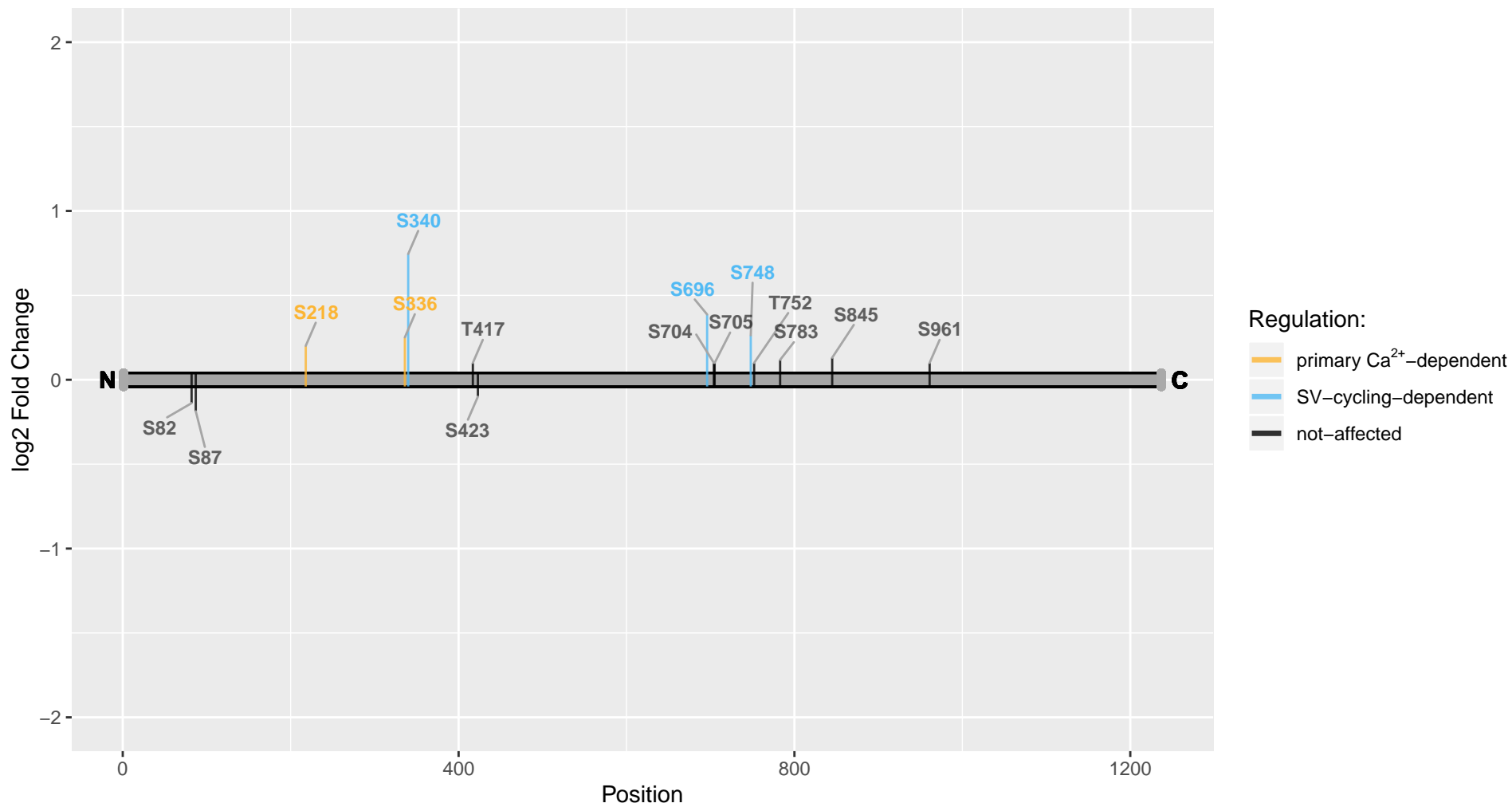
Domains and Regions:

- DOMAIN: KH 1
- DOMAIN: KH 2
- DOMAIN: KH 3
- DOMAIN: KH 4
- REGION: 4 X 12 AA imperfect repeats

Kiaa1107

Uniprot Accession: D4A0X3

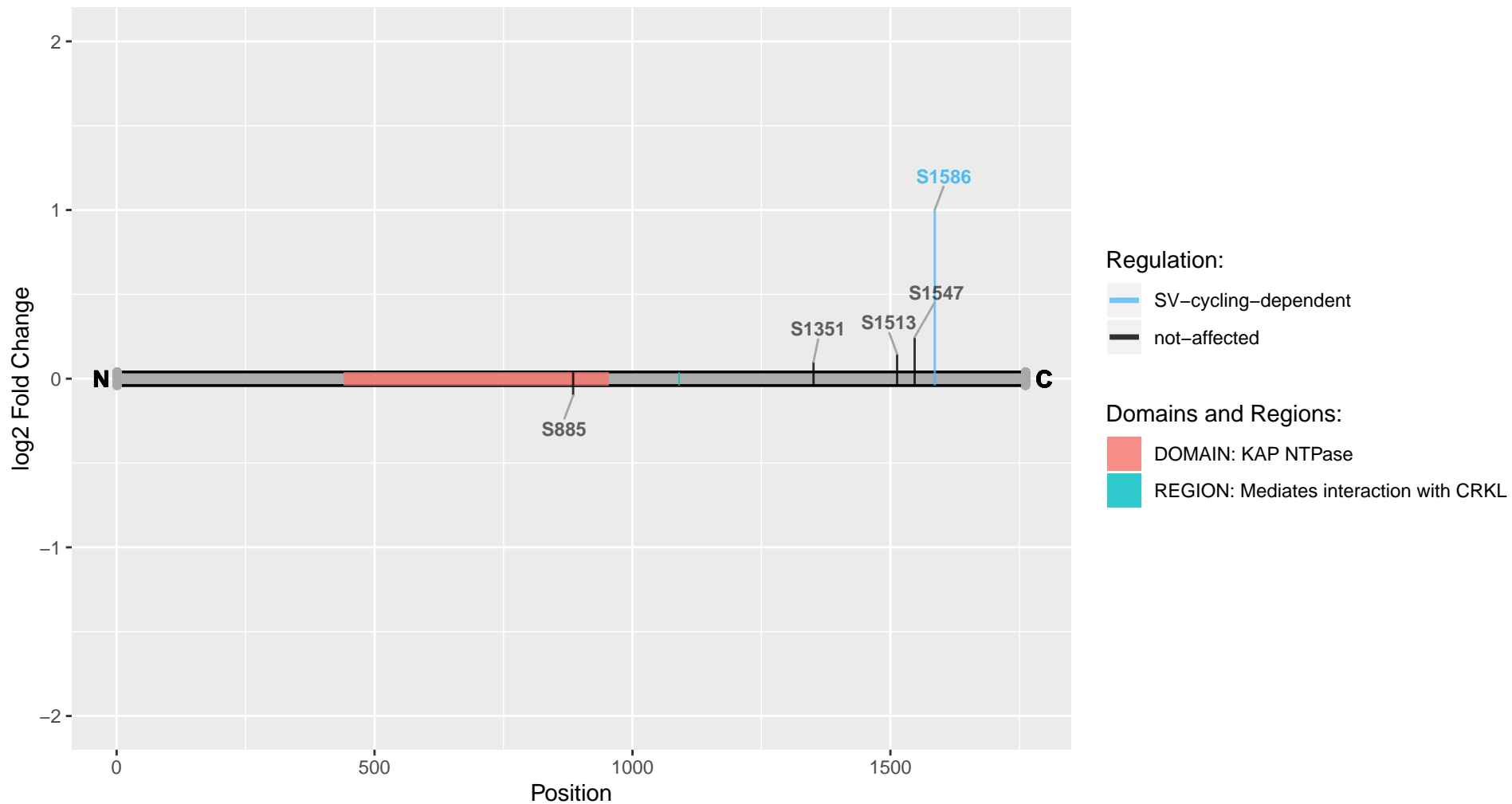
AP2-interacting clathrin-endocytosis protein



Kidins220

Uniprot Accession: Q9EQG6

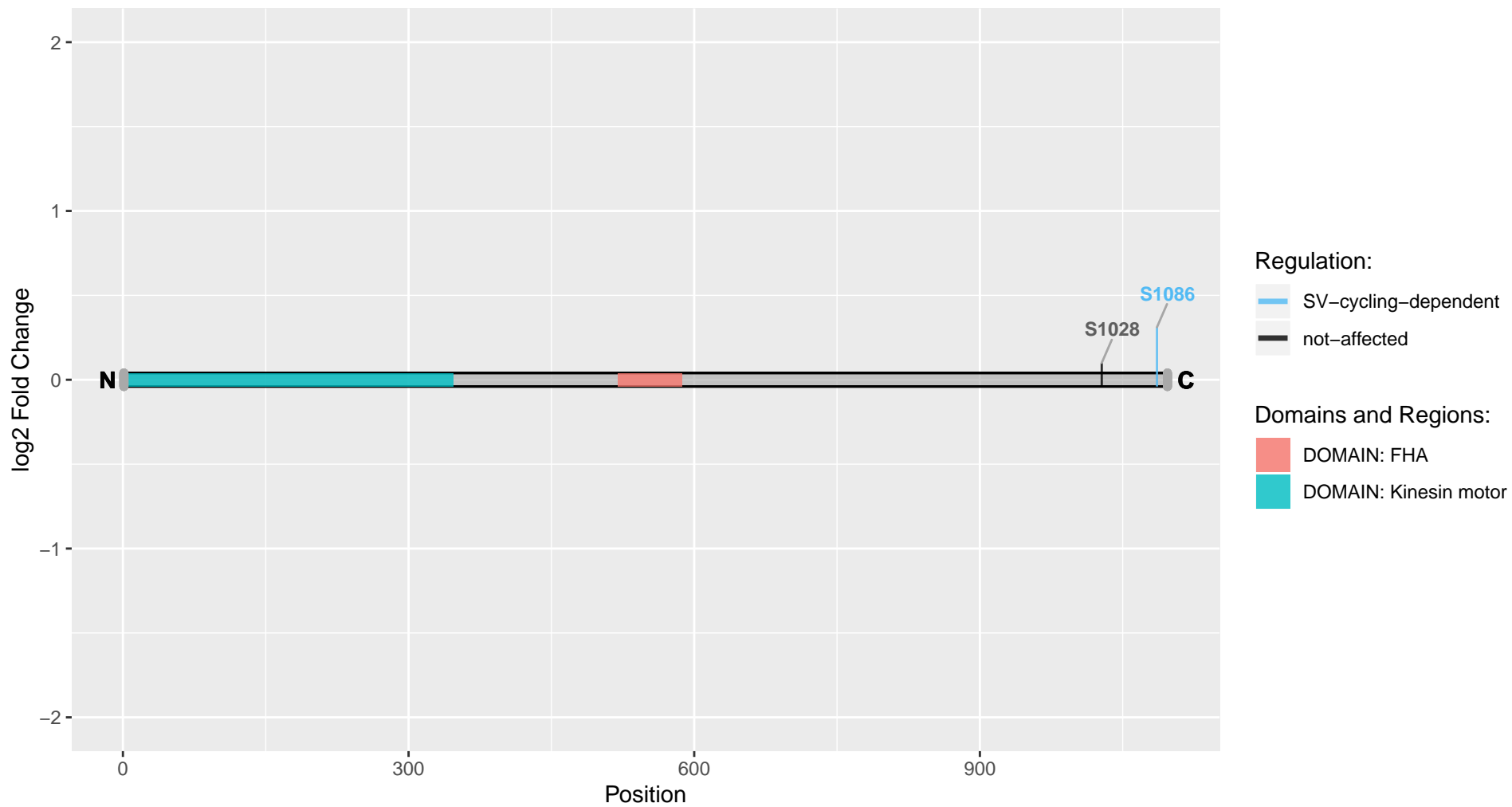
Kinase D-interacting substrate of 220 kDa



Kif1c

Uniprot Accession: O35787

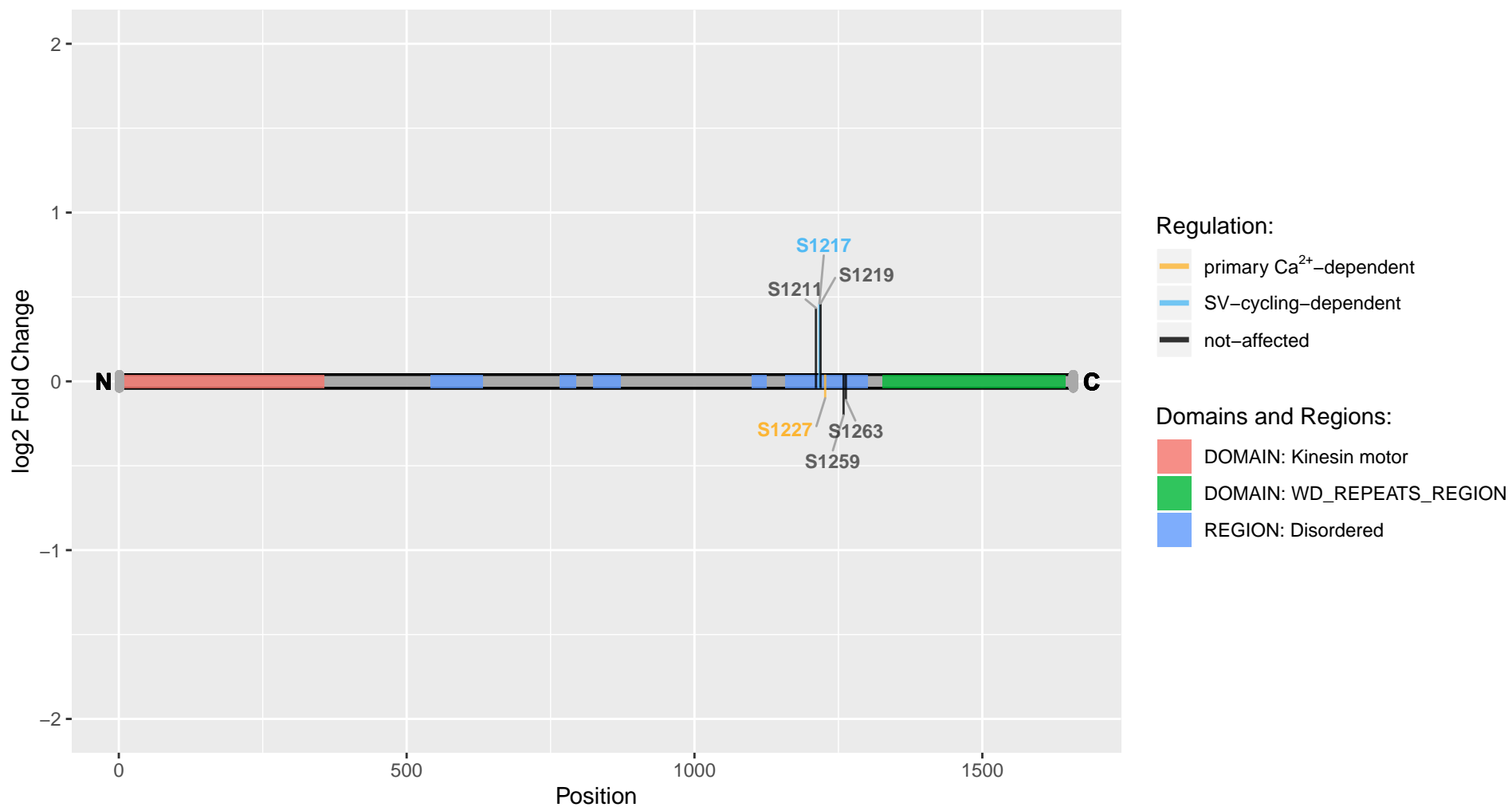
Kinesin-like protein KIF1C



Kif21a

Uniprot Accession: D3ZCG2

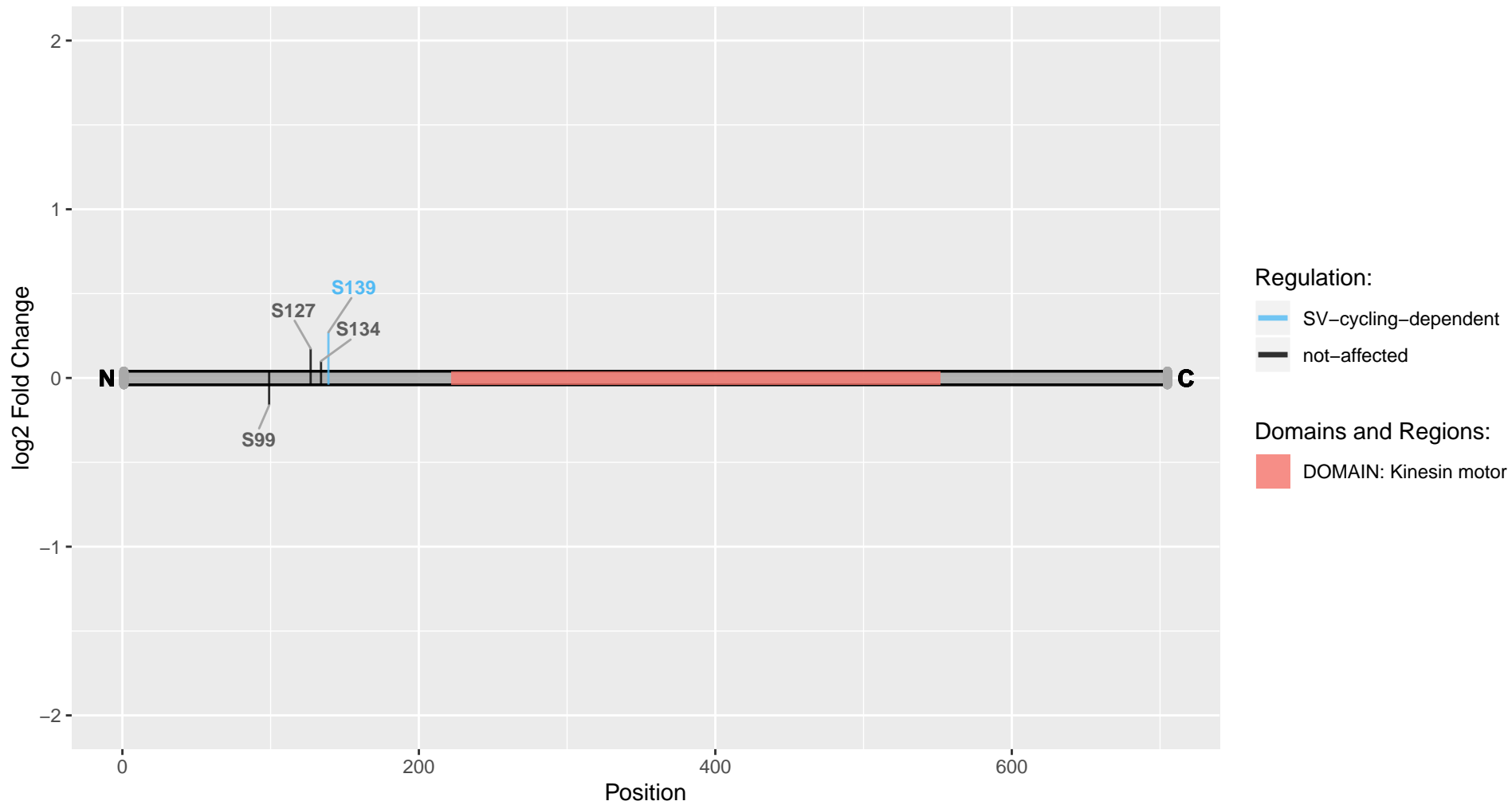
Kinesin family member 21A



Kif2a

Uniprot Accession: Q9WV63

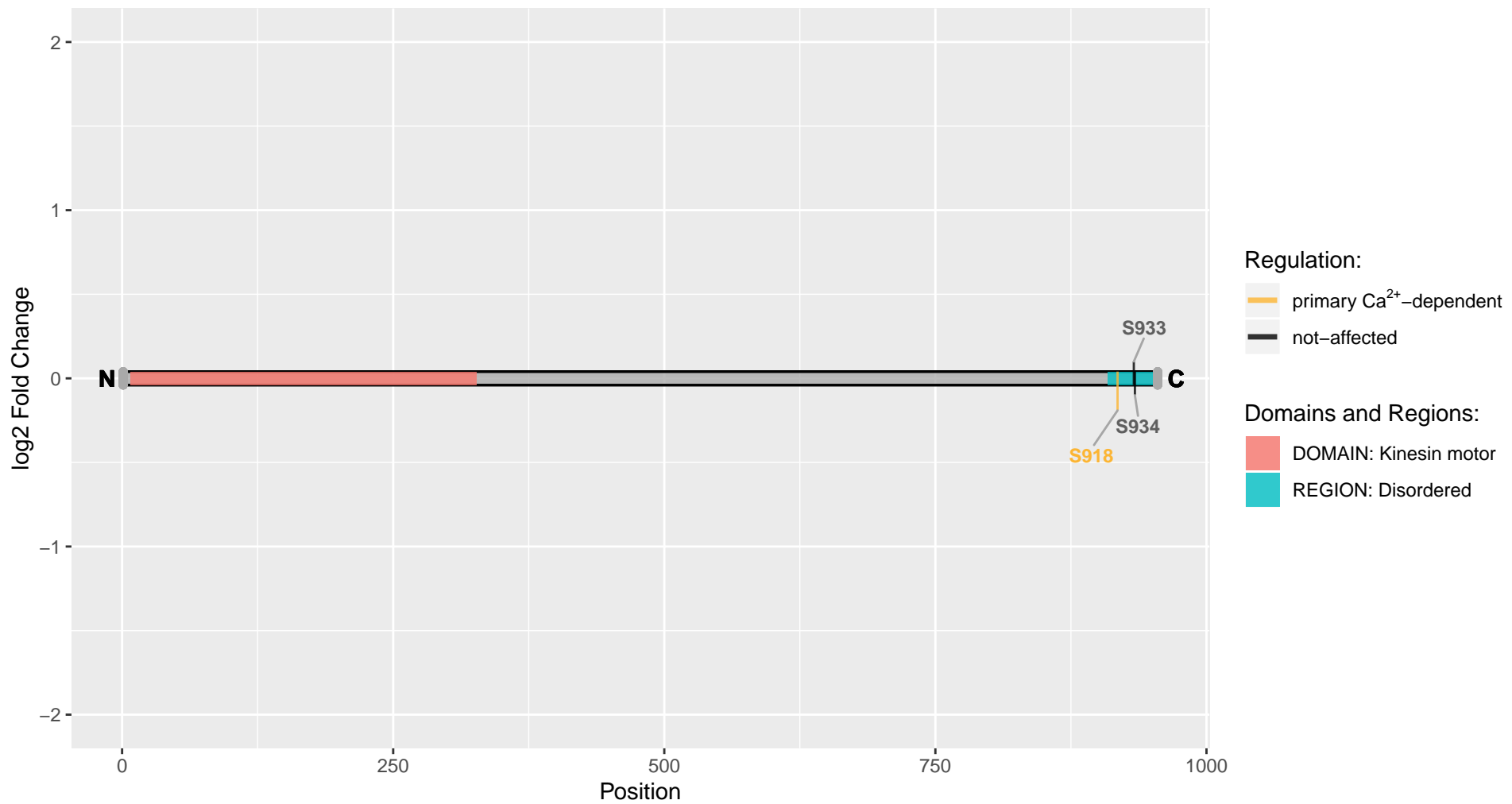
Kinesin-like protein KIF2A



Kif5c

Uniprot Accession: G3V6L4

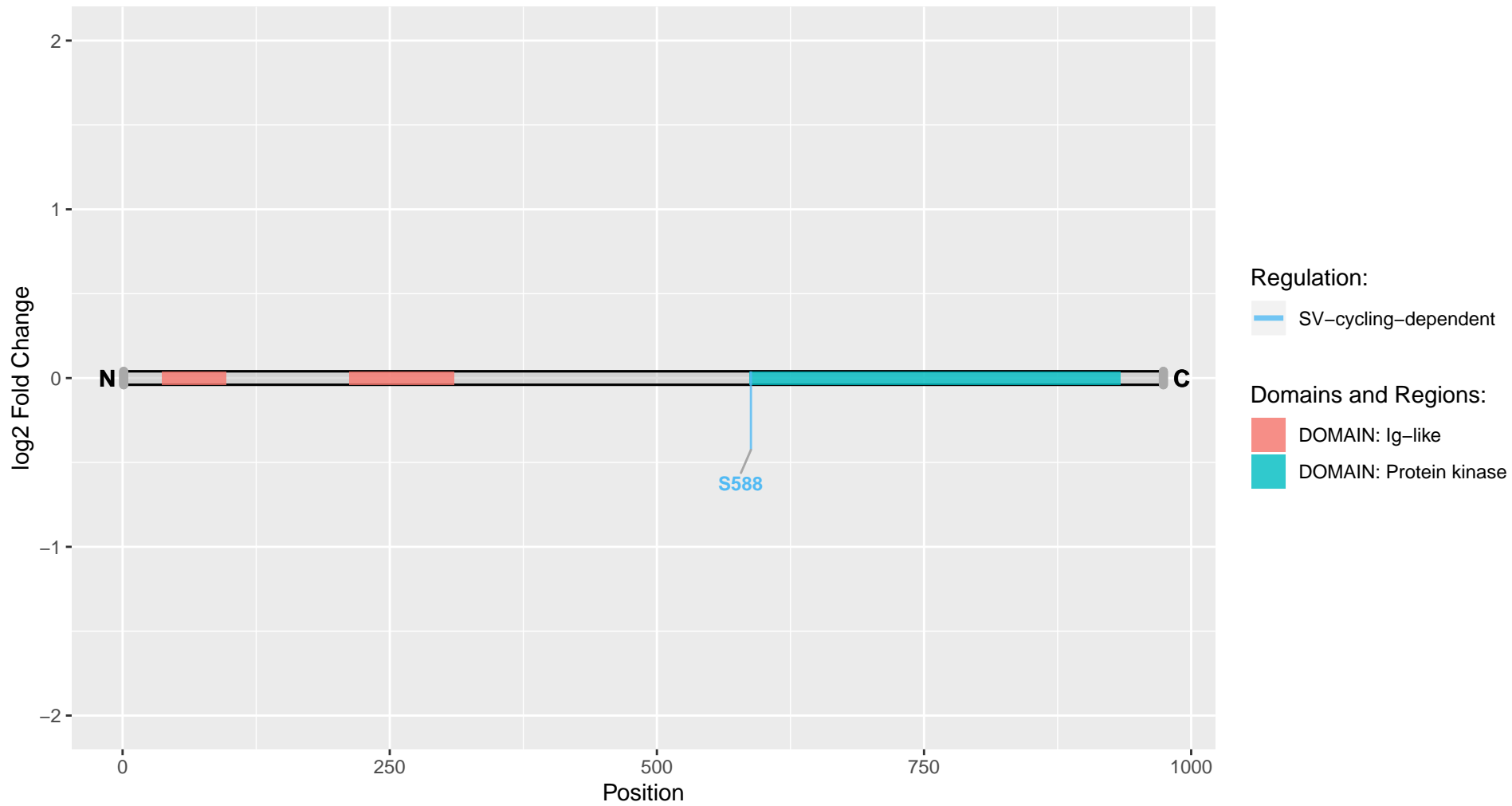
Kinesin-like protein



Kit

Uniprot Accession: A0A0G2JTL4

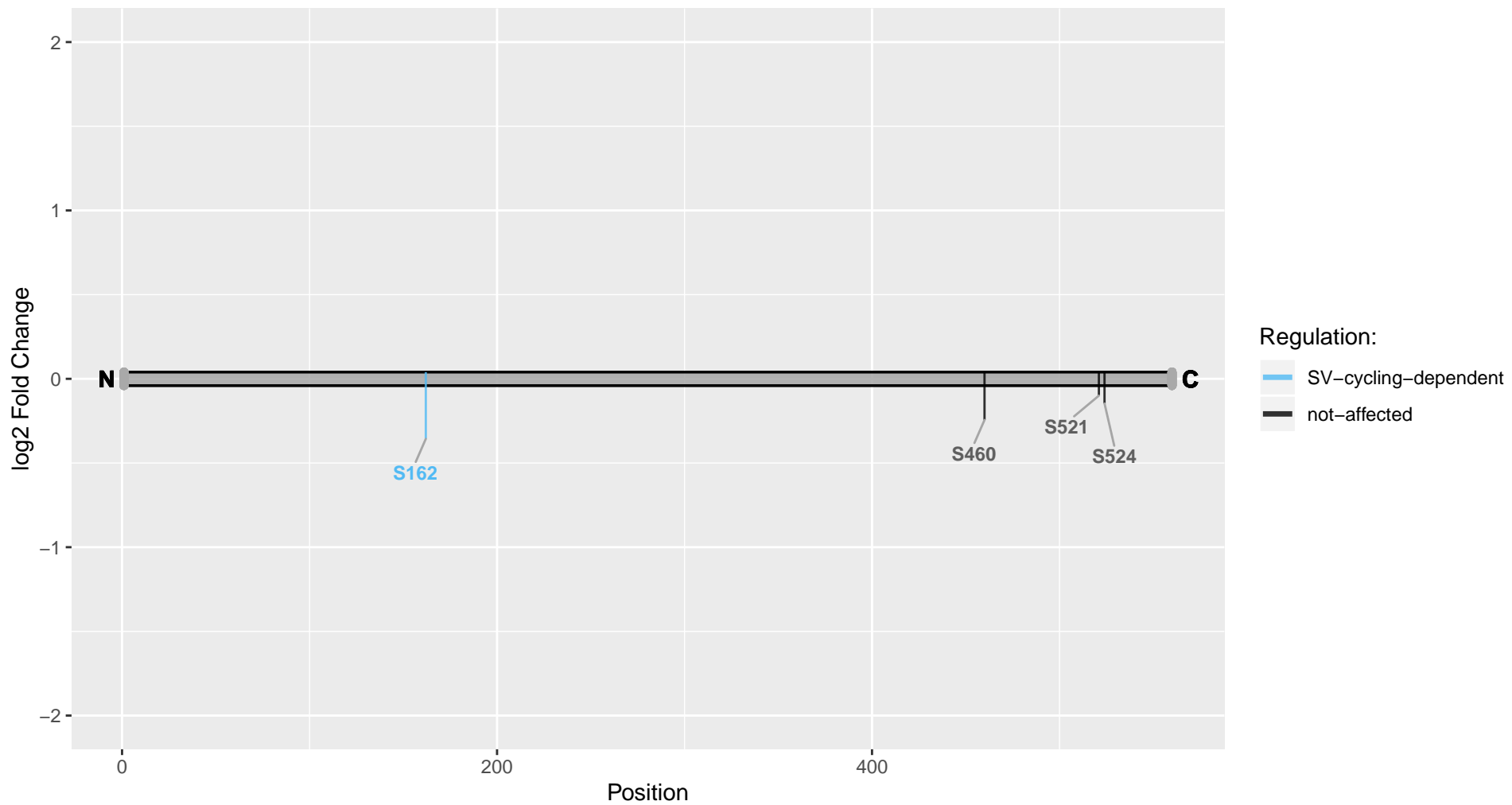
Mast/stem cell growth factor receptor



Klc1

Uniprot Accession: P37285

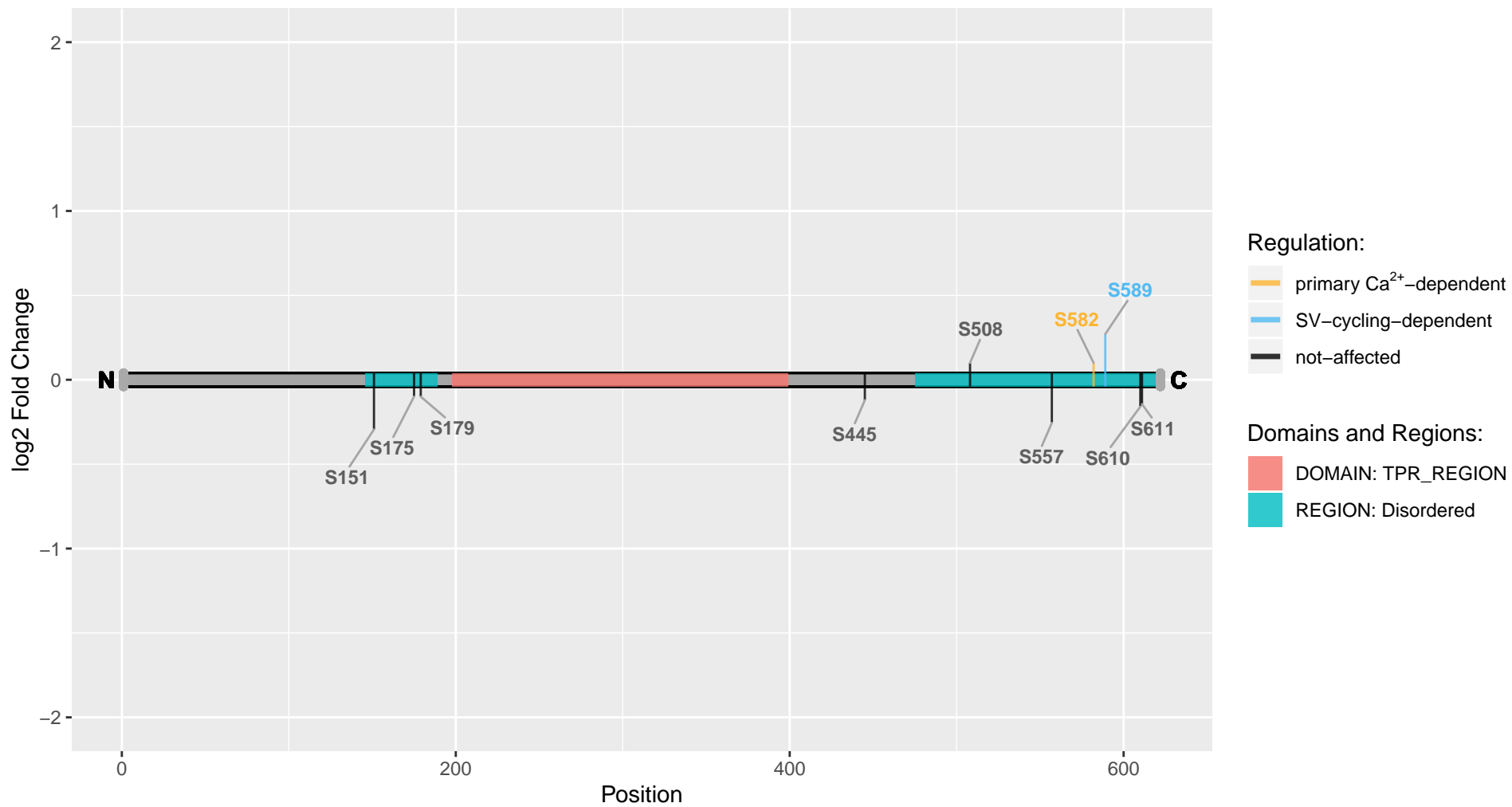
Kinesin light chain 1



Klc2

Uniprot Accession: B2GV74

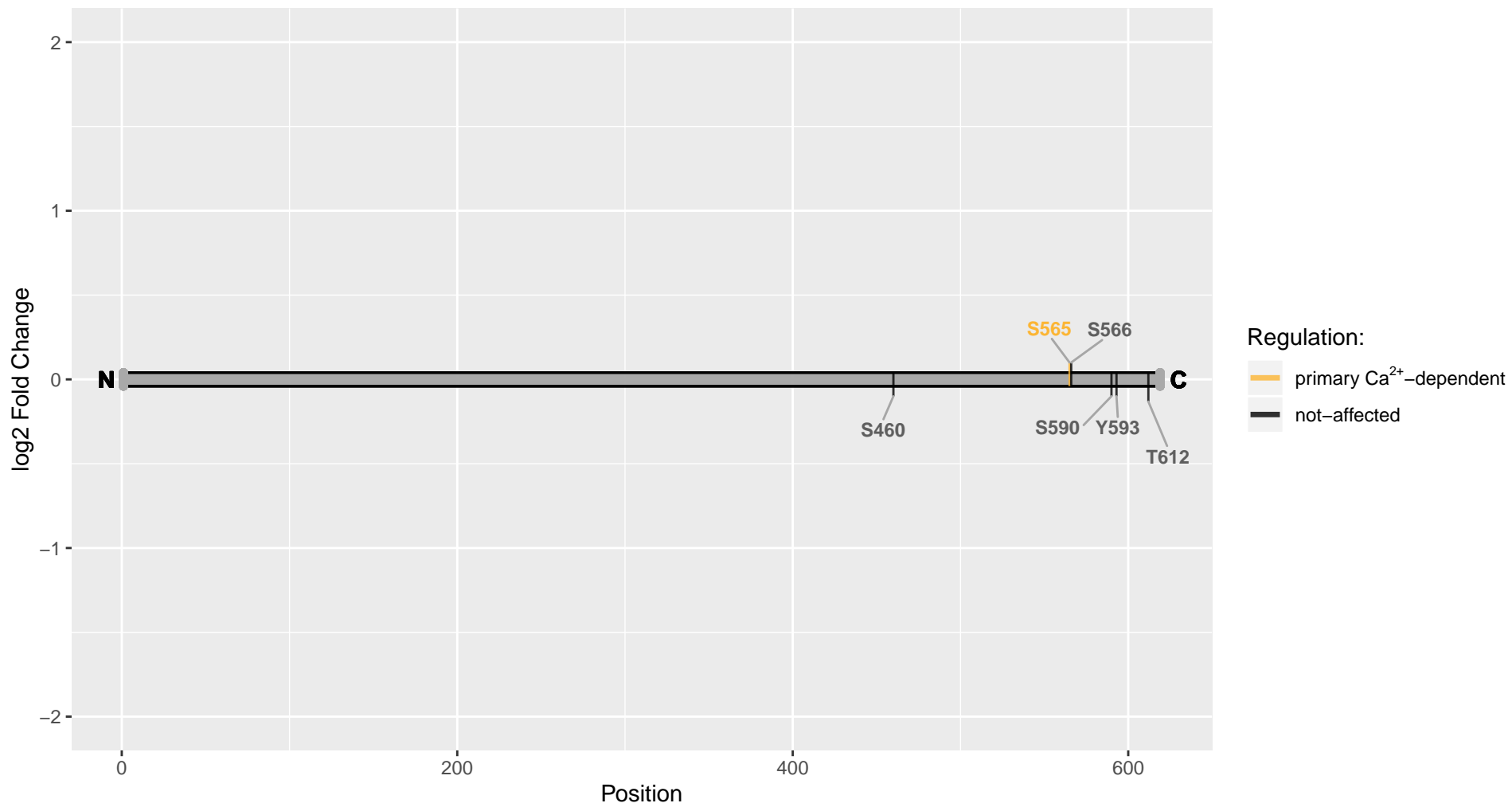
Kinesin light chain 2



Klc4

Uniprot Accession: Q5PQM2

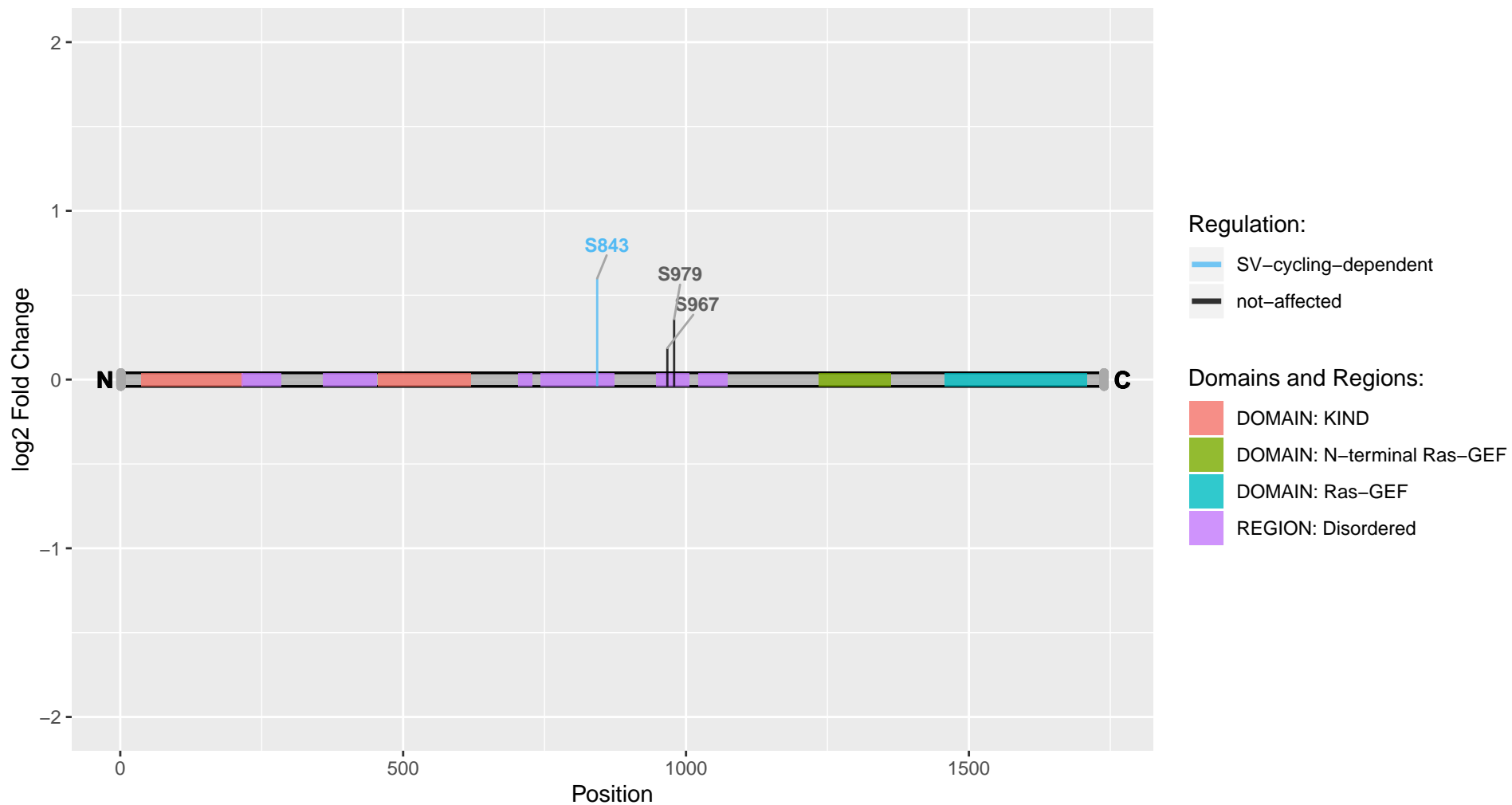
Kinesin light chain 4



Kndc1

Uniprot Accession: D4A8Q2

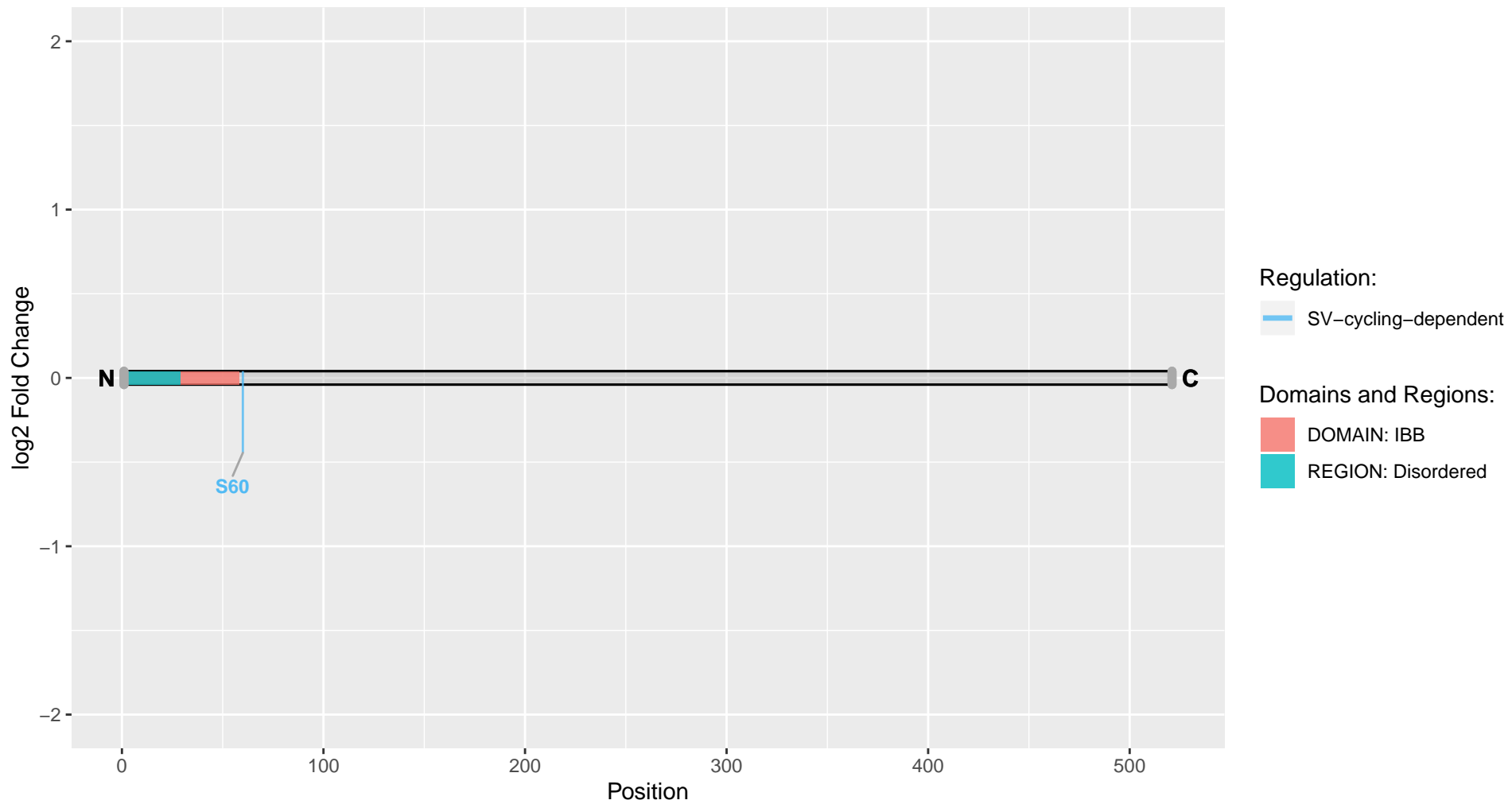
Kinase non-catalytic C-lobe domain-containing 1



Kpna3

Uniprot Accession: Q56R18

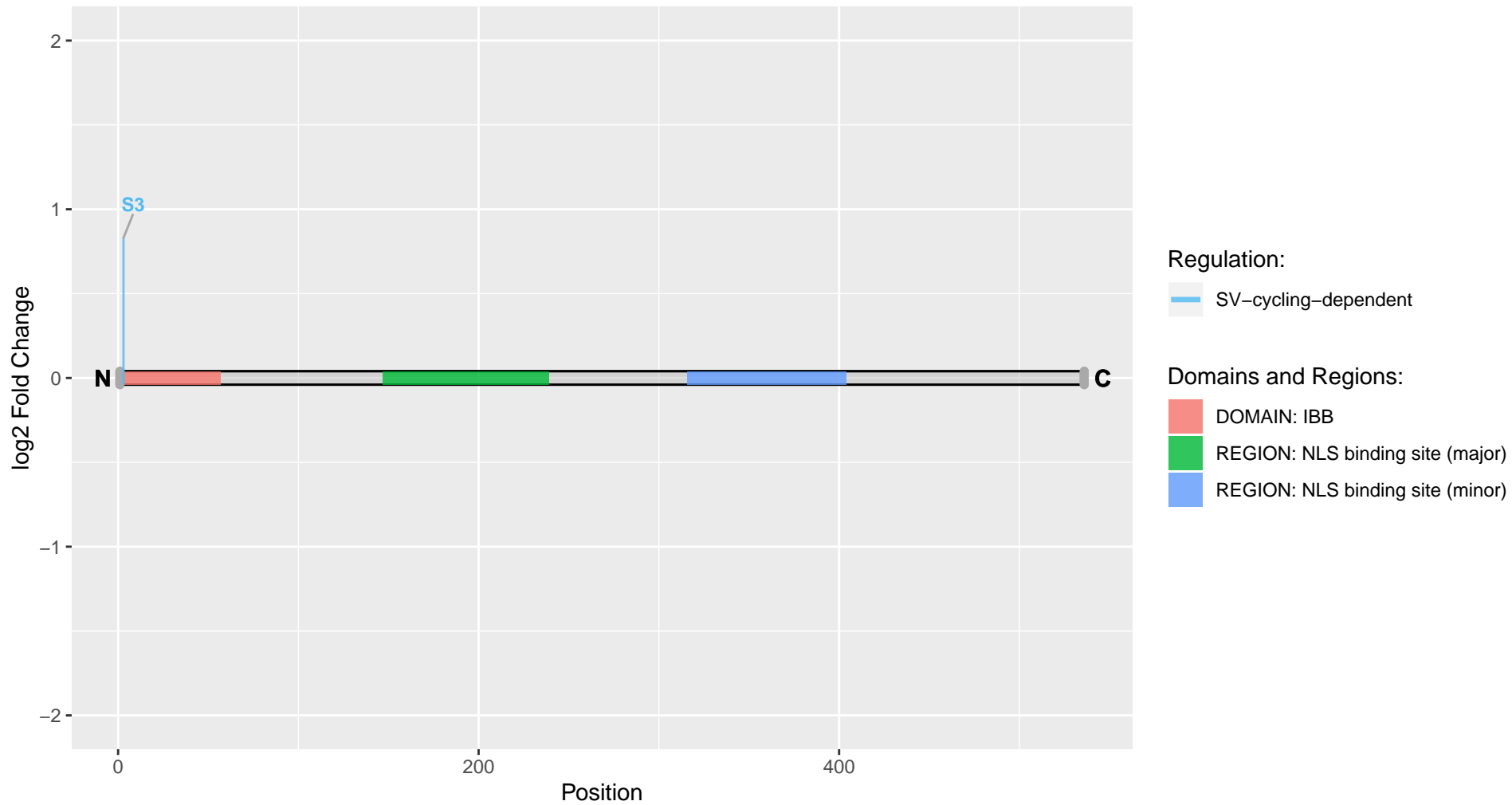
Importin subunit alpha



Kpna5

Uniprot Accession: Q56R16

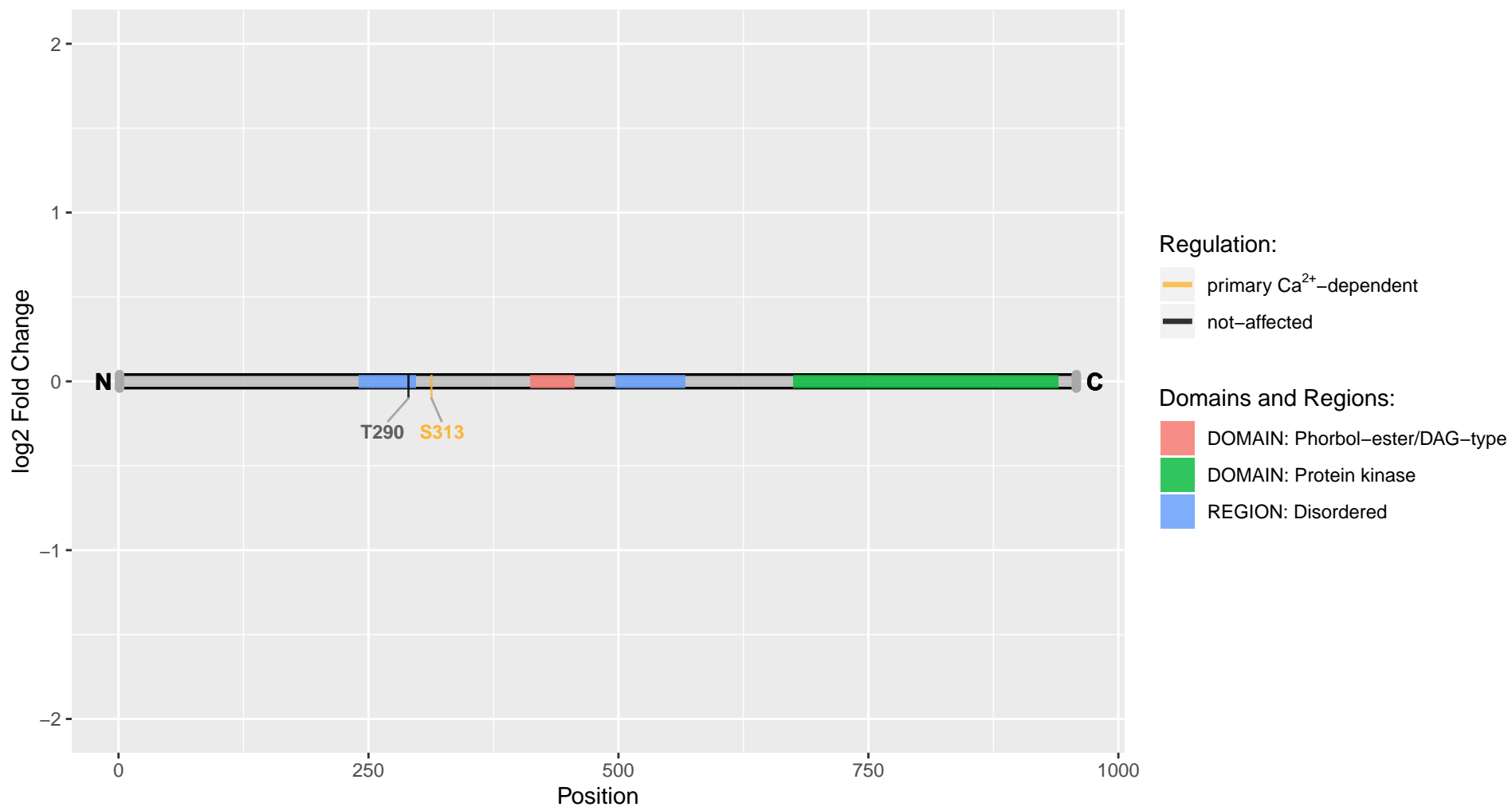
Importin subunit alpha-6



Ksr2

Uniprot Accession: F1LY04

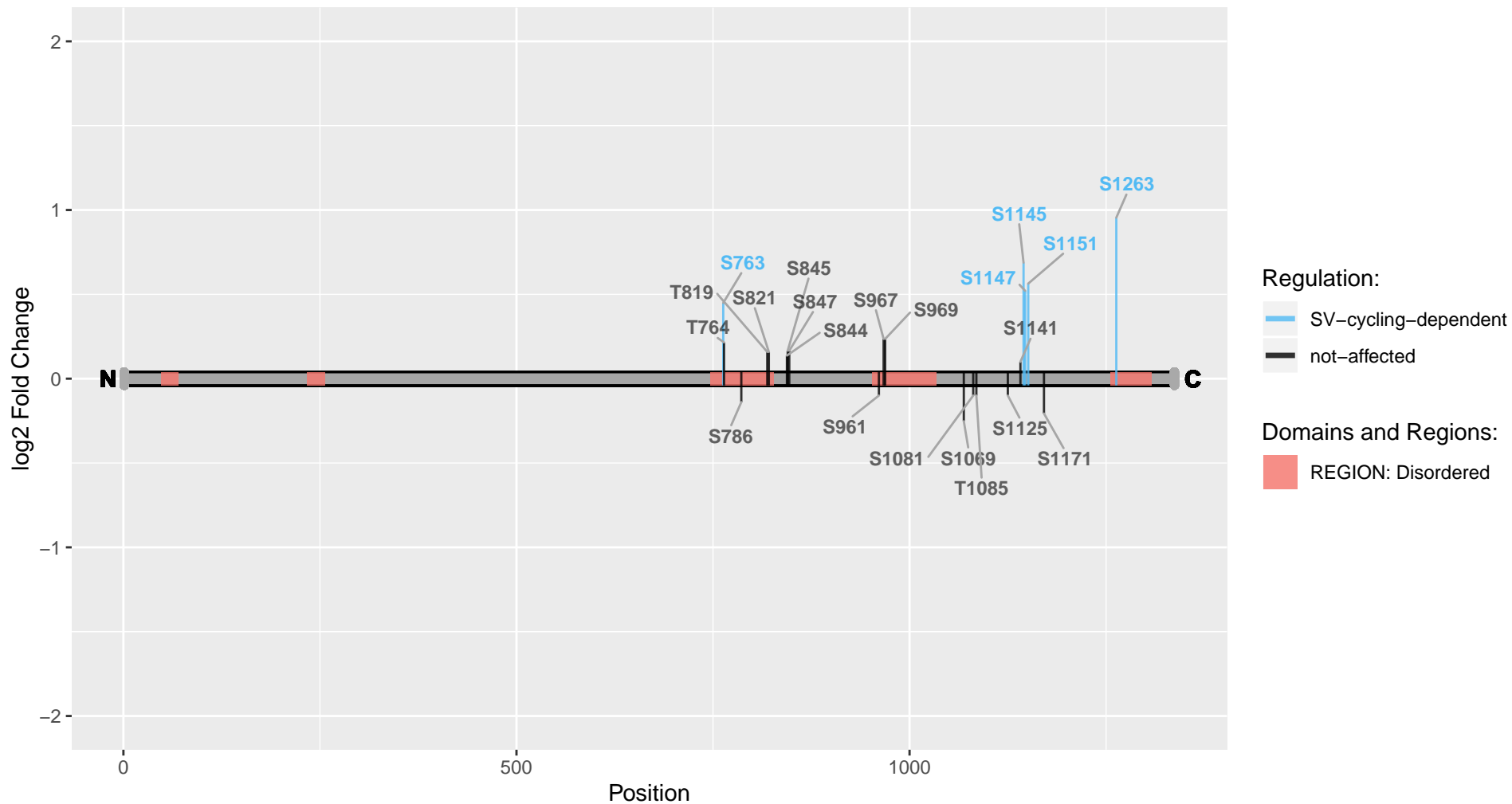
Kinase suppressor of ras 2



LOC100362814

Uniprot Accession: F1LXC7

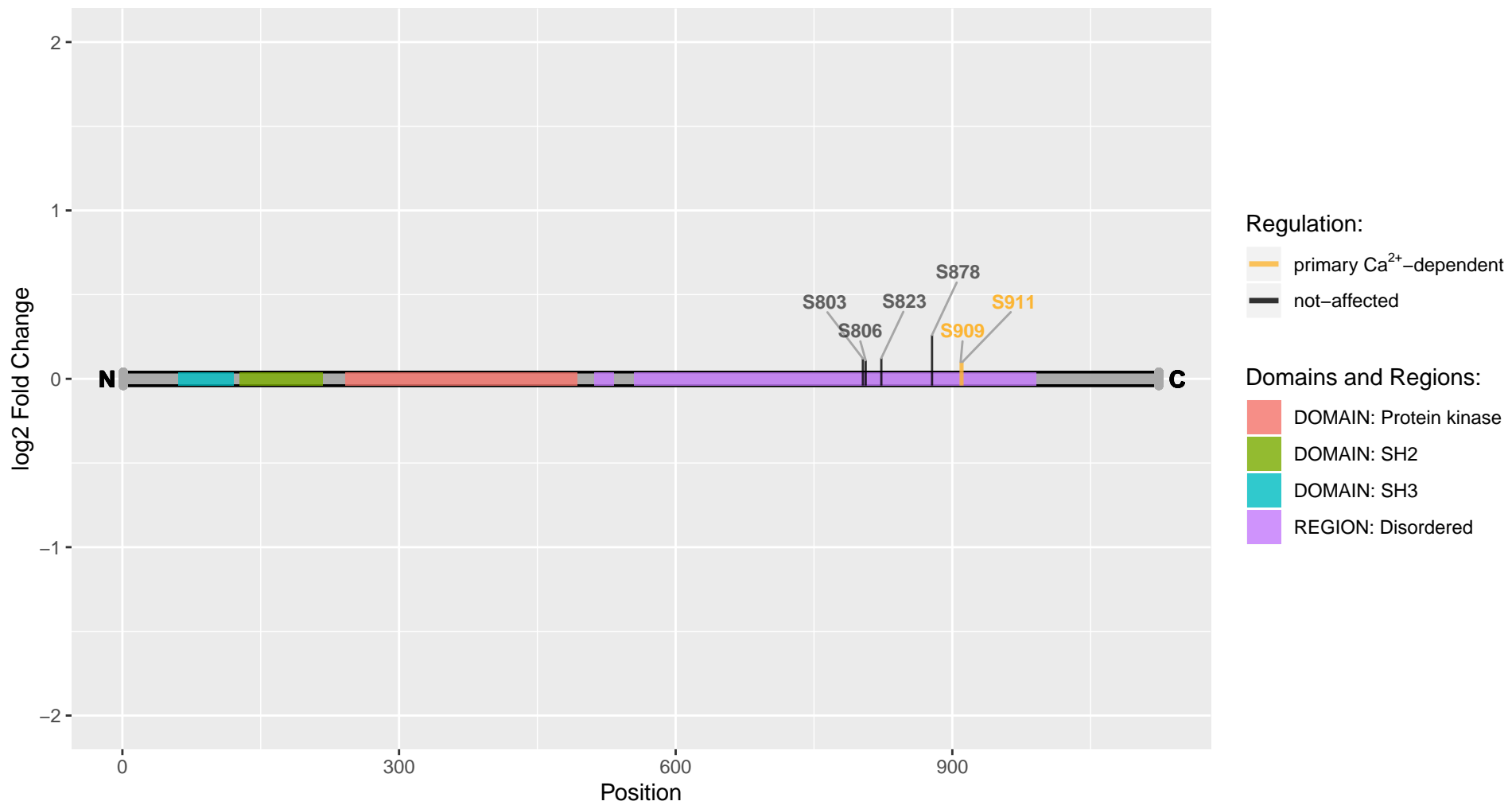
Hypothetical protein LOC100362814



LOC100909750

Uniprot Accession: D3ZGM3

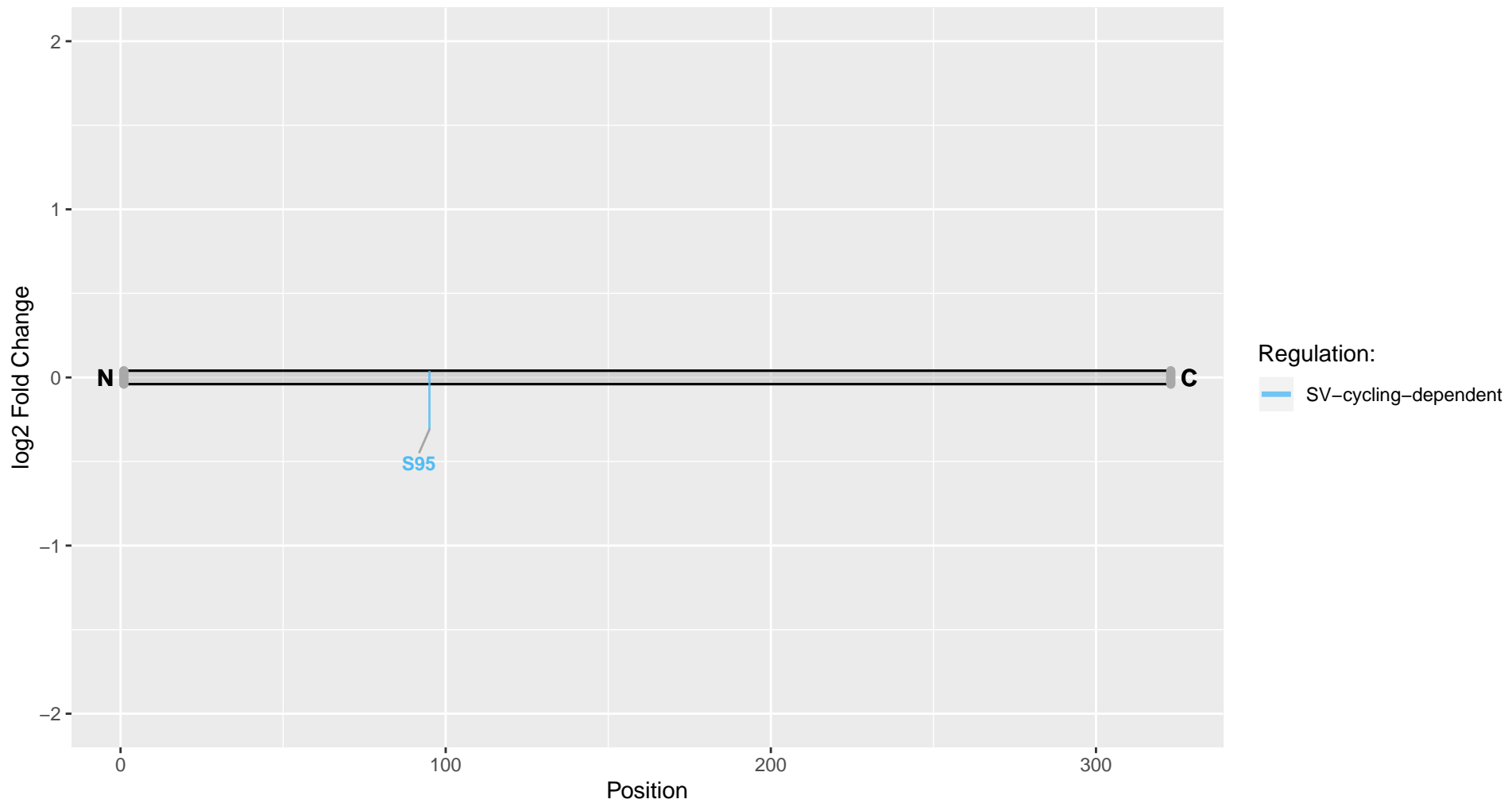
Tyrosine-protein kinase



LOC100911440

Uniprot Accession: A0A0G2K5L2

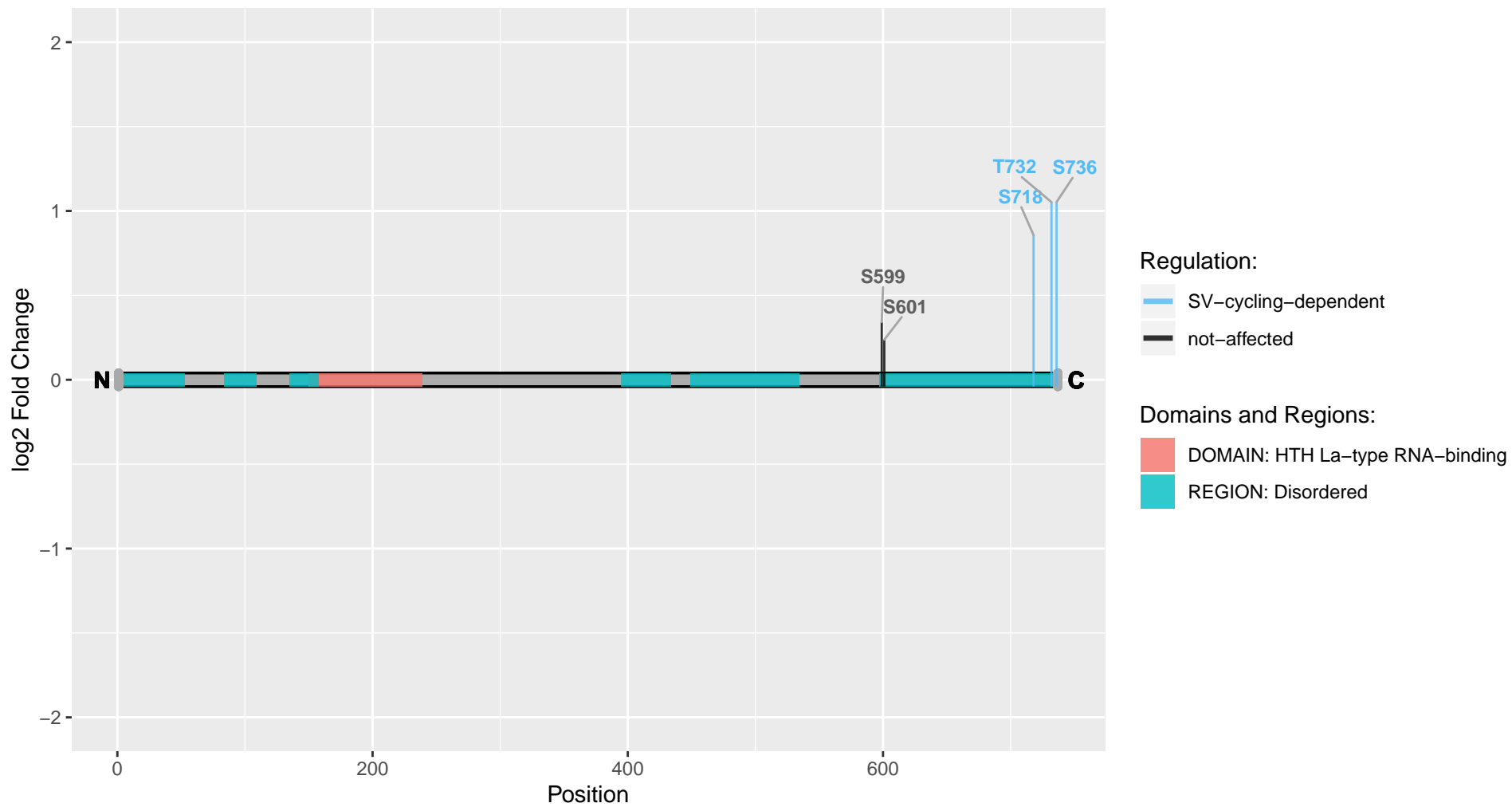
RCG47744, isoform CRA_c



Larp4b

Uniprot Accession: D3ZF45

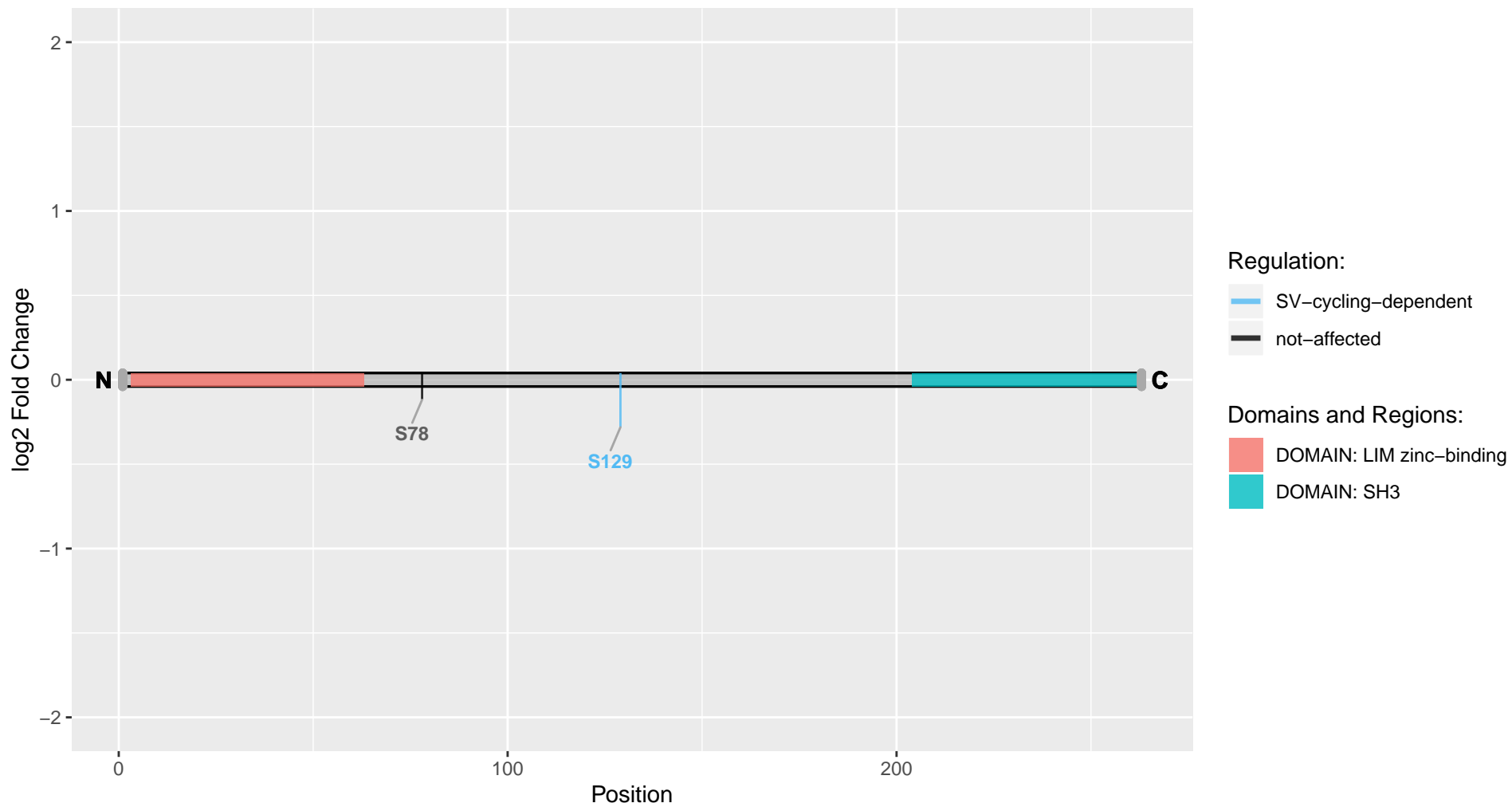
La ribonucleoprotein domain family, member 4B



Lasp1

Uniprot Accession: Q99MZ8

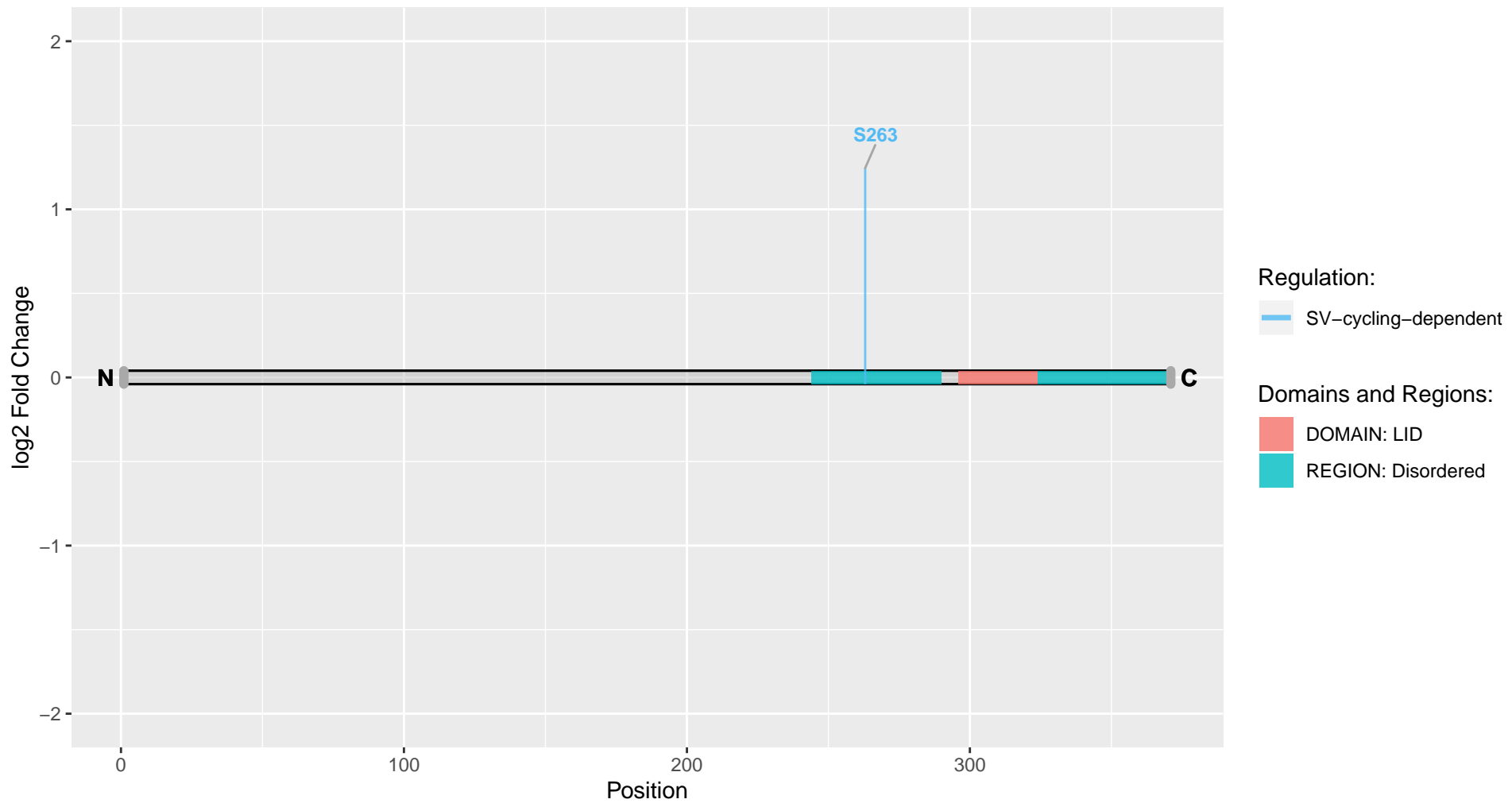
LIM and SH3 domain protein 1



Ldb2

Uniprot Accession: E9PTQ0

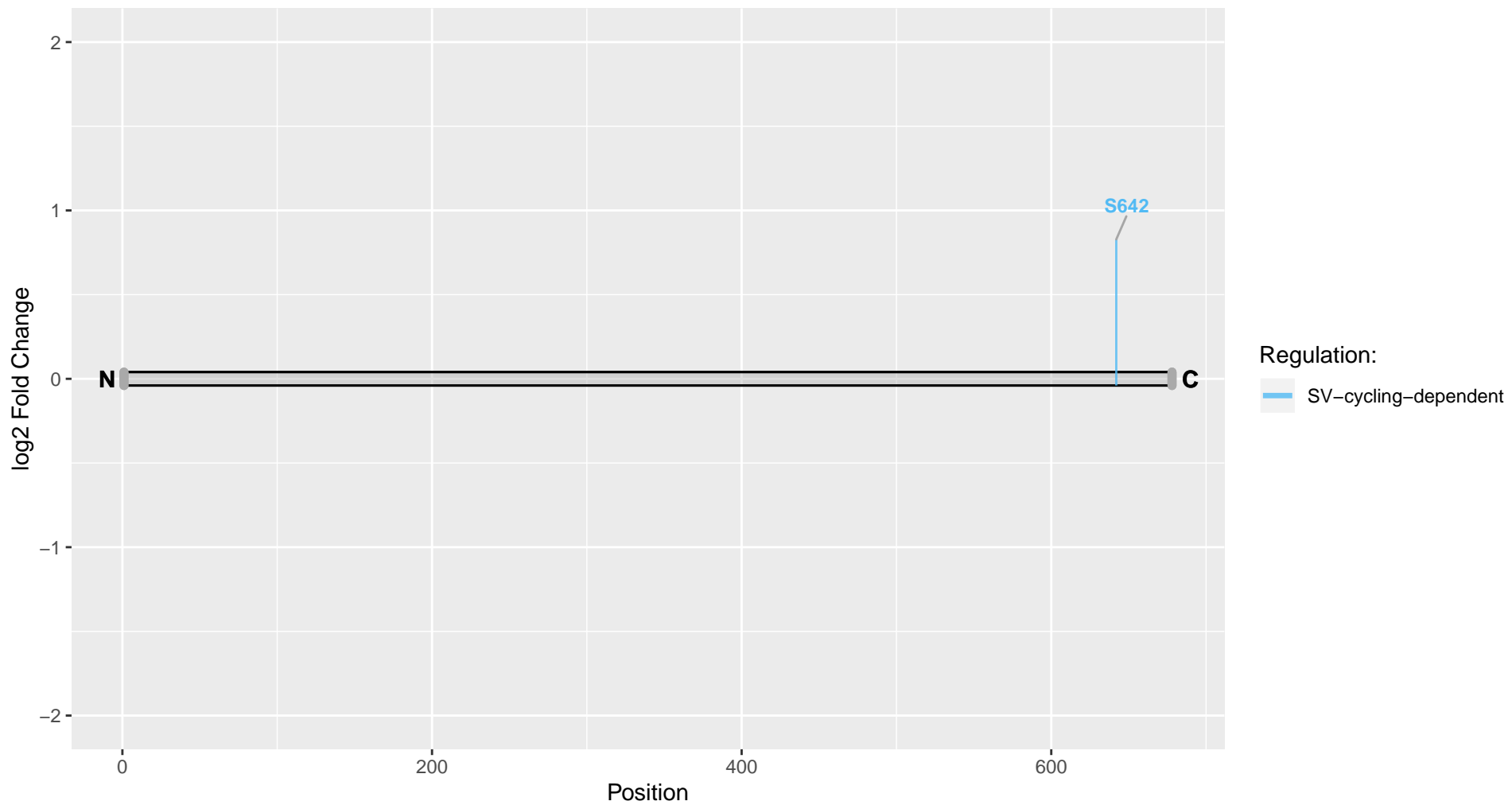
LIM domain-binding 2



Leo1

Uniprot Accession: Q641X2

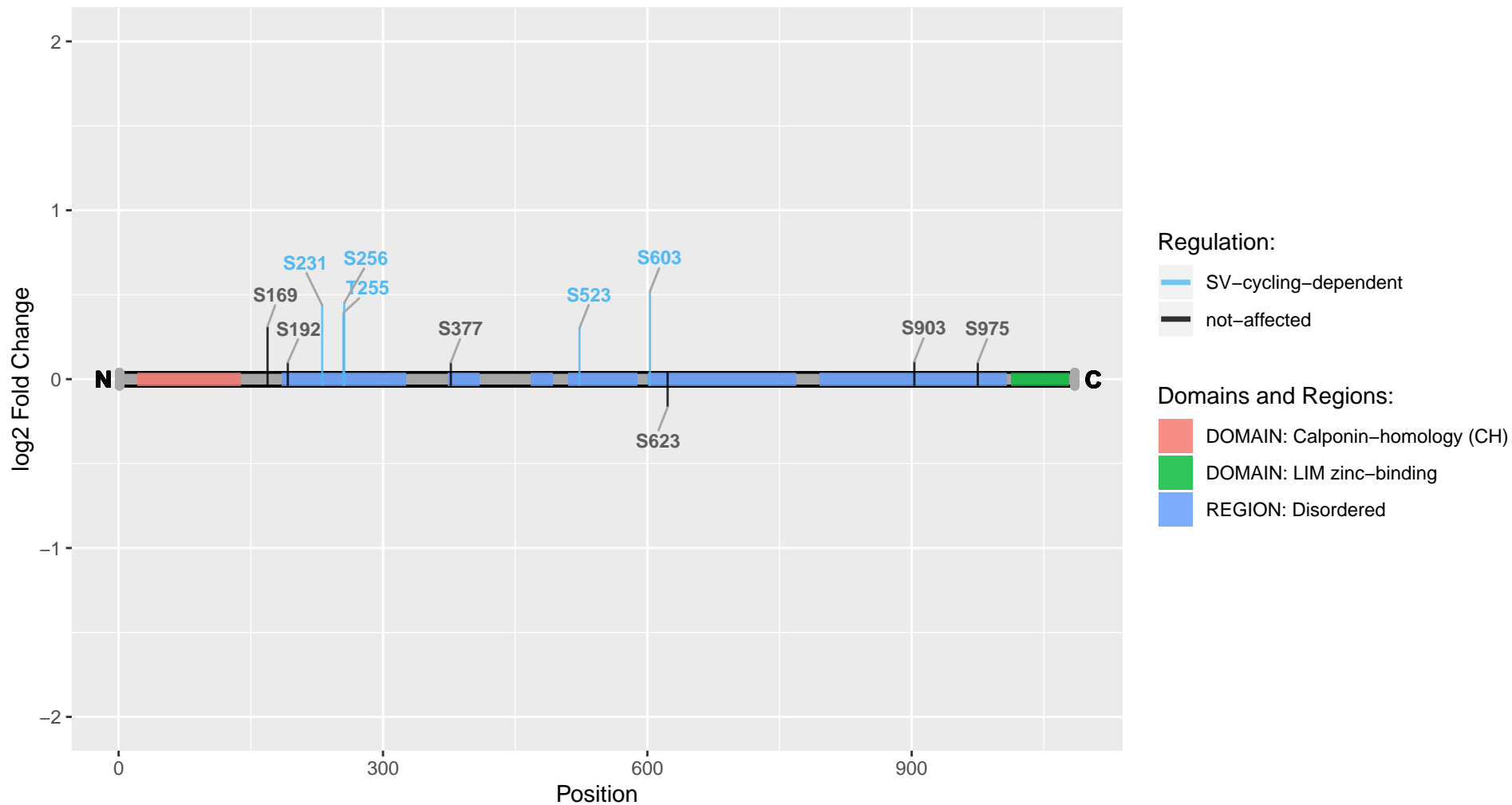
RNA polymerase-associated protein LEO1



Limch1

Uniprot Accession: F1M392

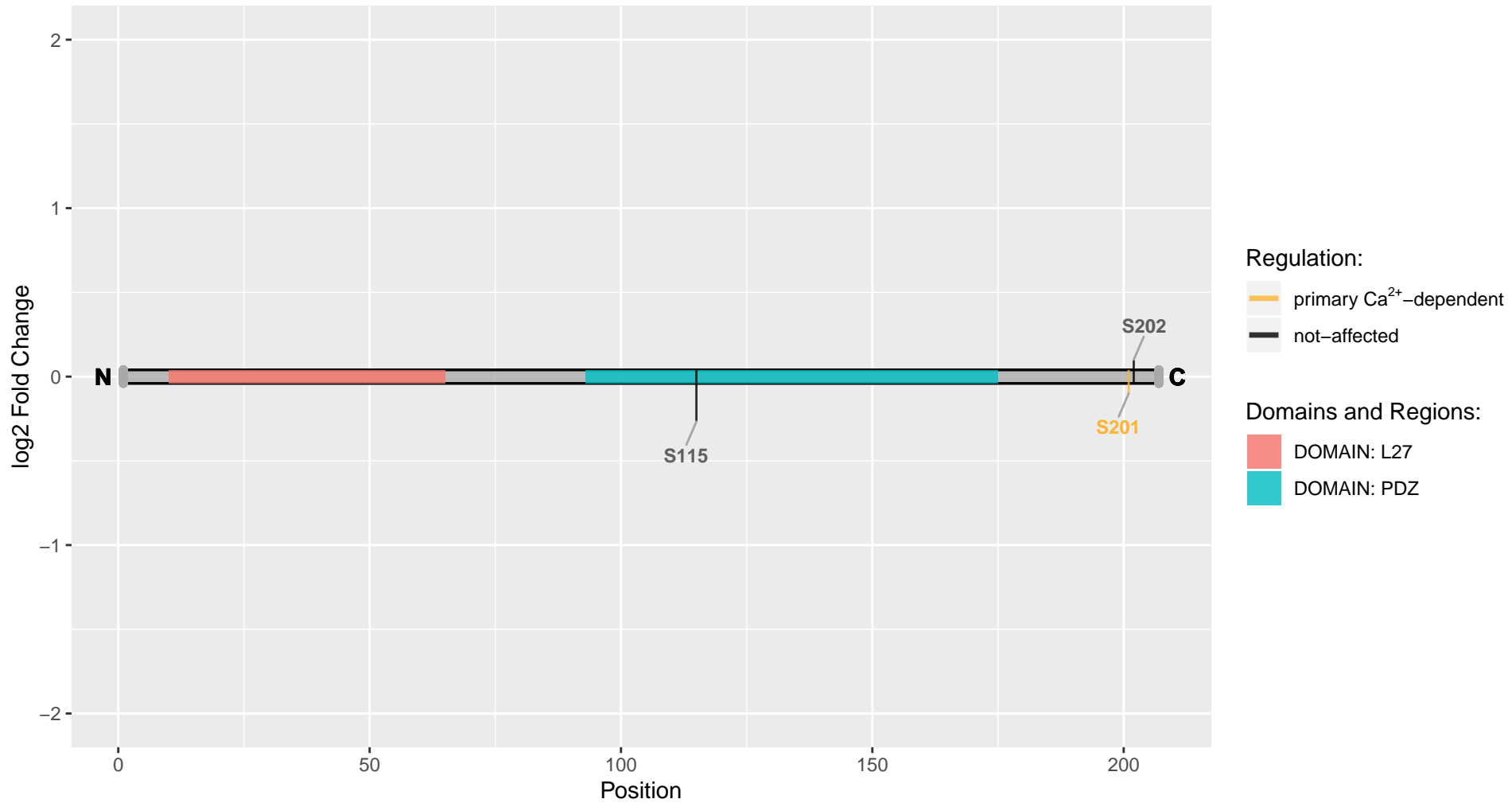
LIM and calponin homology domains 1



Lin7b

Uniprot Accession: Q9Z252

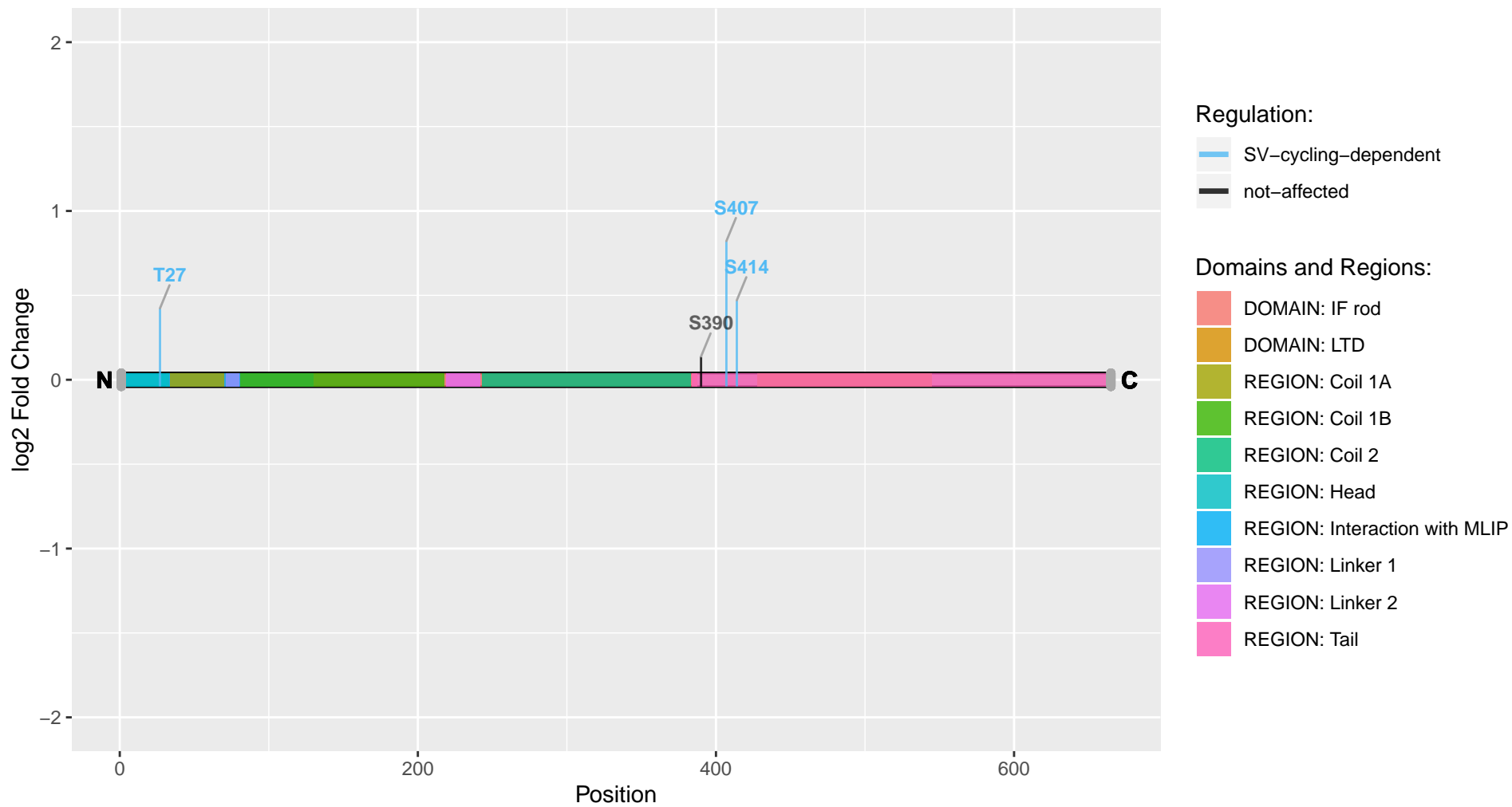
Protein lin-7 homolog B



Lmna

Uniprot Accession: P48679

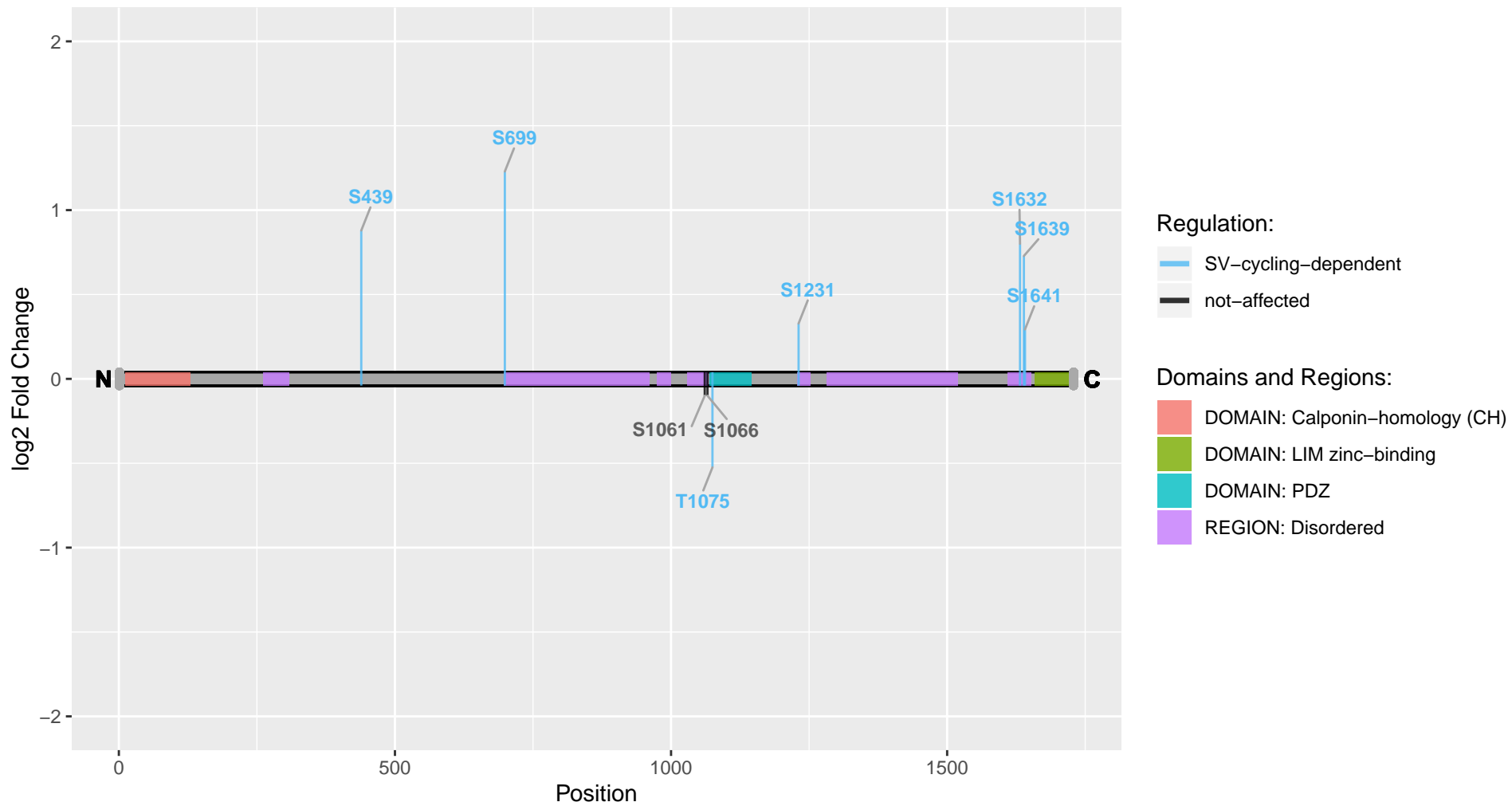
Prelamin-A/C



Lmo7

Uniprot Accession: A0A0G2K8R3

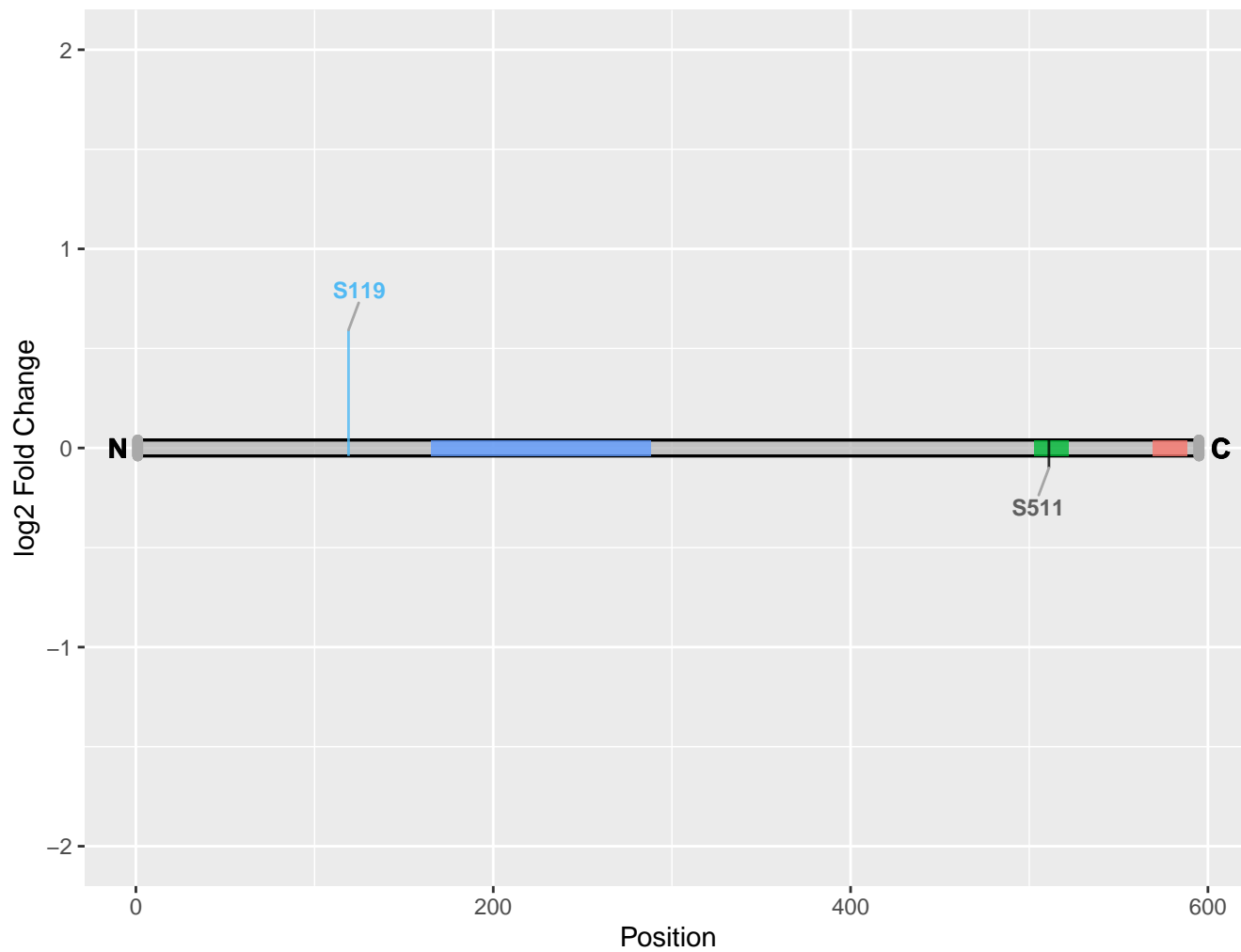
LIM domain 7



Lmod1

Uniprot Accession: A0A0G2K0D3

Leiomodin-1



Regulation:

- SV-cycling-dependent
- not-affected

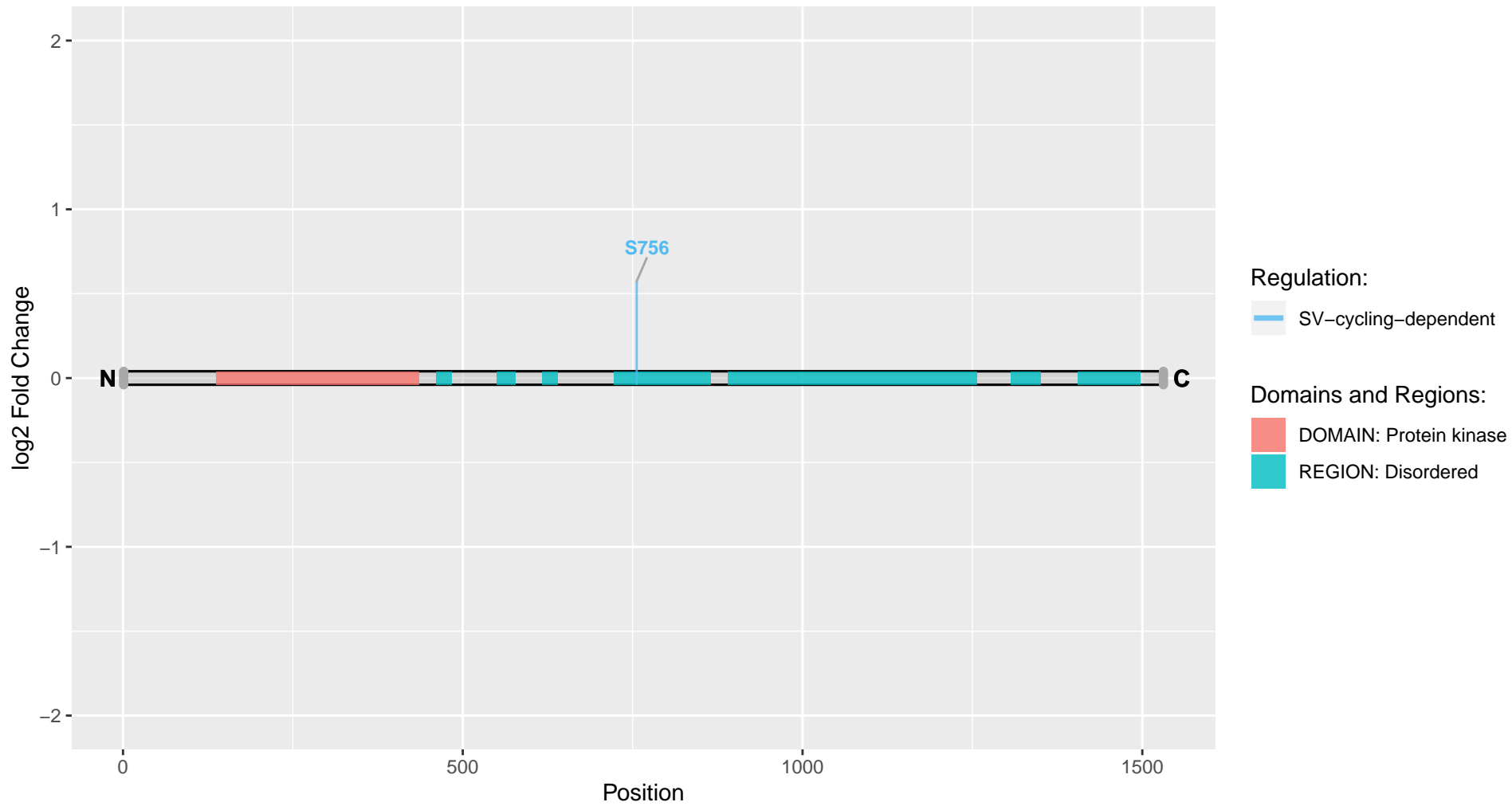
Domains and Regions:

- DOMAIN: WH2
- REGION: 5 X 4 AA approximate tandem repeats
- REGION: 8 X approximate tandem repeats

Lmtk2

Uniprot Accession: D3ZBH5

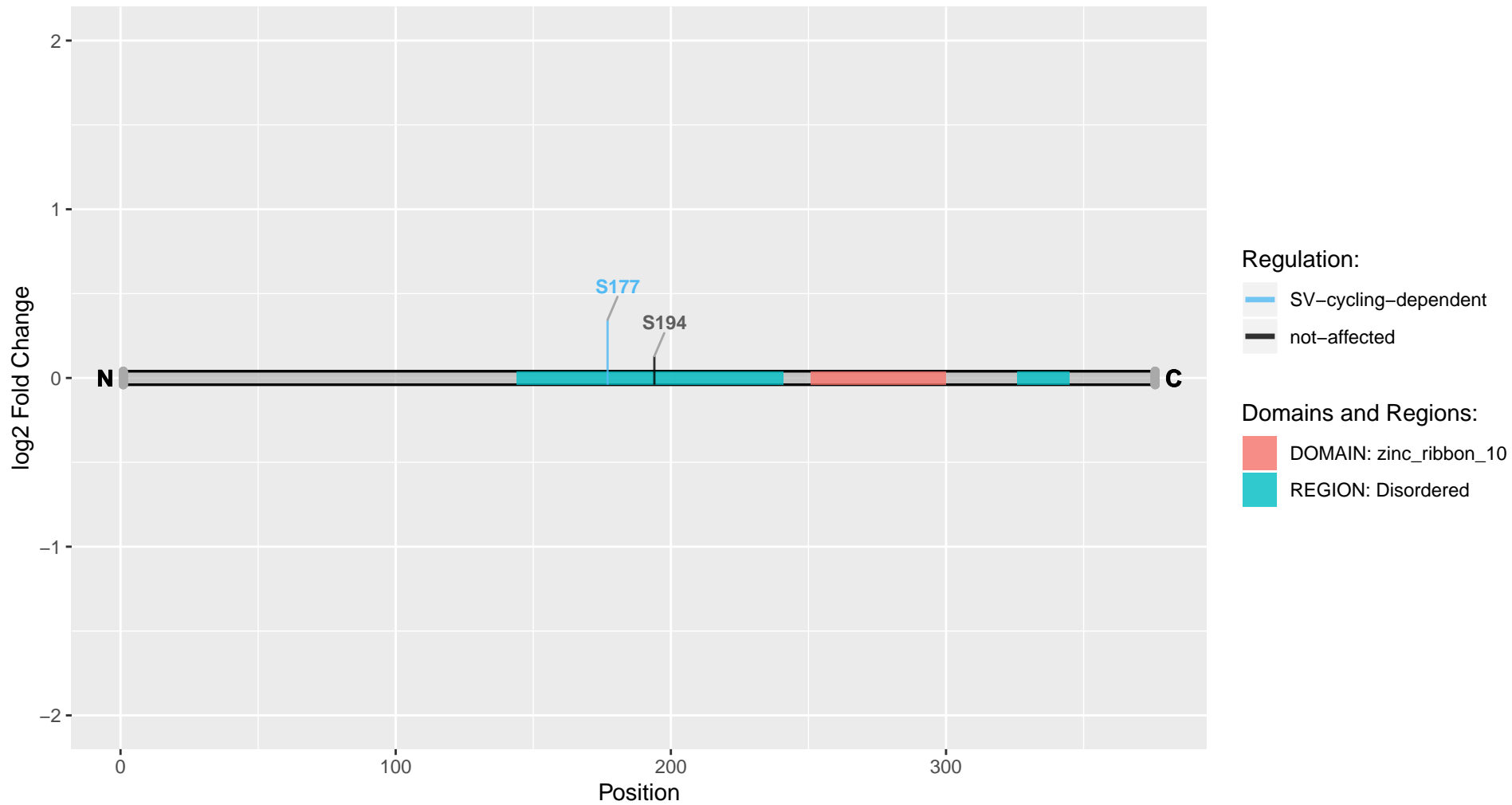
Lemur tyrosine kinase 2



Lnpk

Uniprot Accession: A0JN29

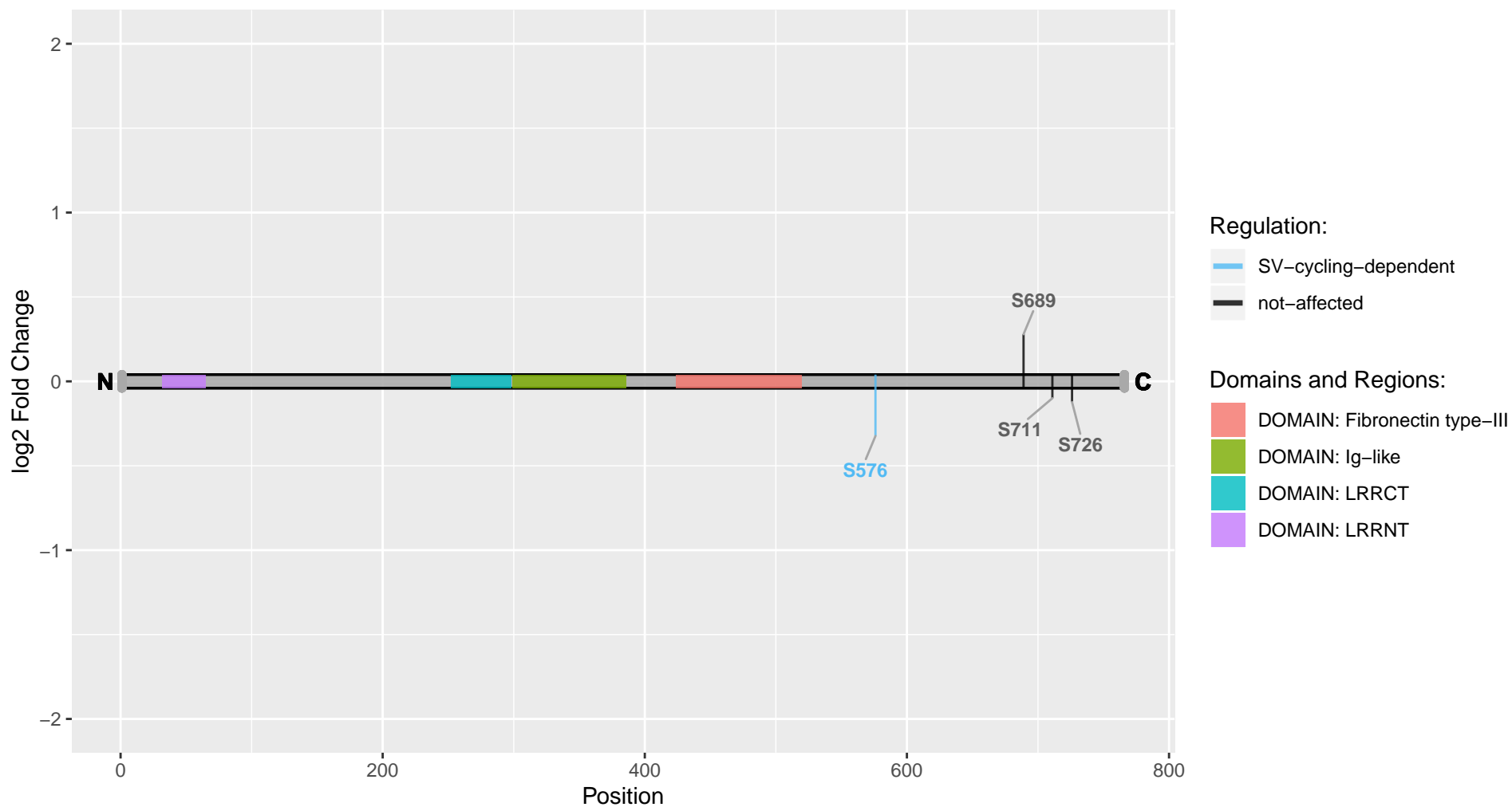
Limb and neural patterns



Lrfn1

Uniprot Accession: P0C7J6

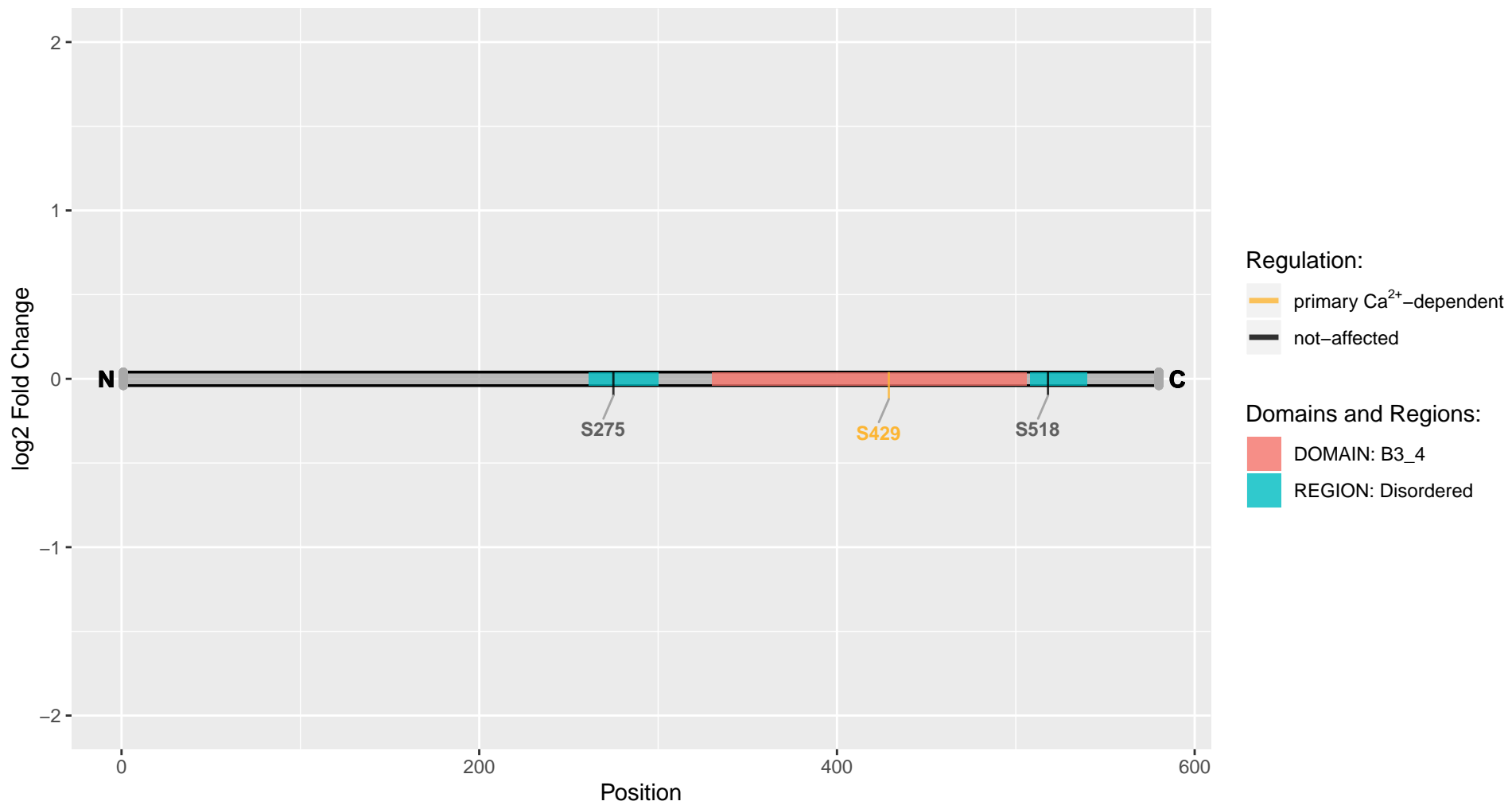
Leucine-rich repeat and fibronectin type III domain-containing protein 1



Lrrc47

Uniprot Accession: F1LT49

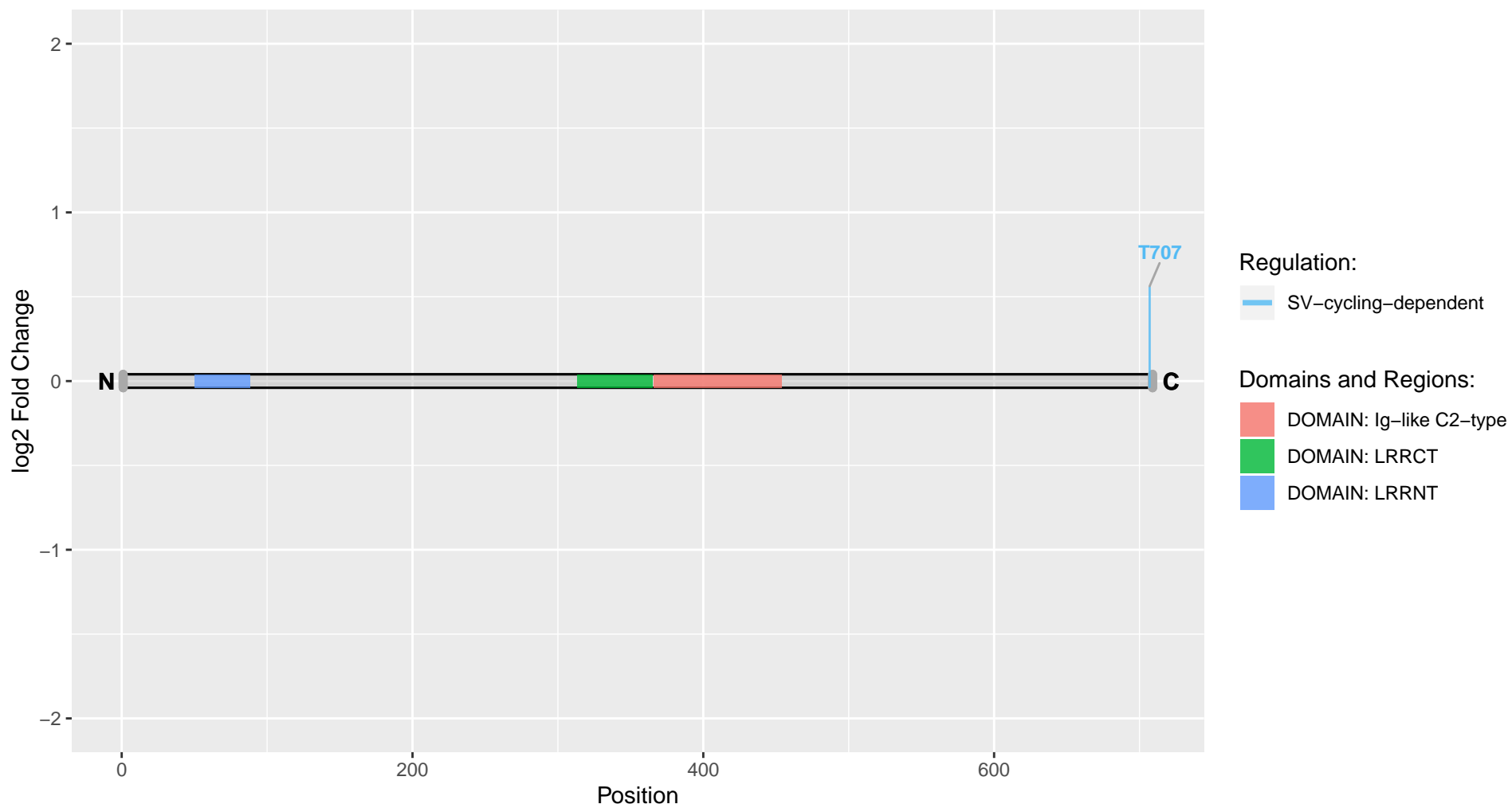
Leucine-rich repeat-containing 47



Lrrc4b

Uniprot Accession: P0CC10

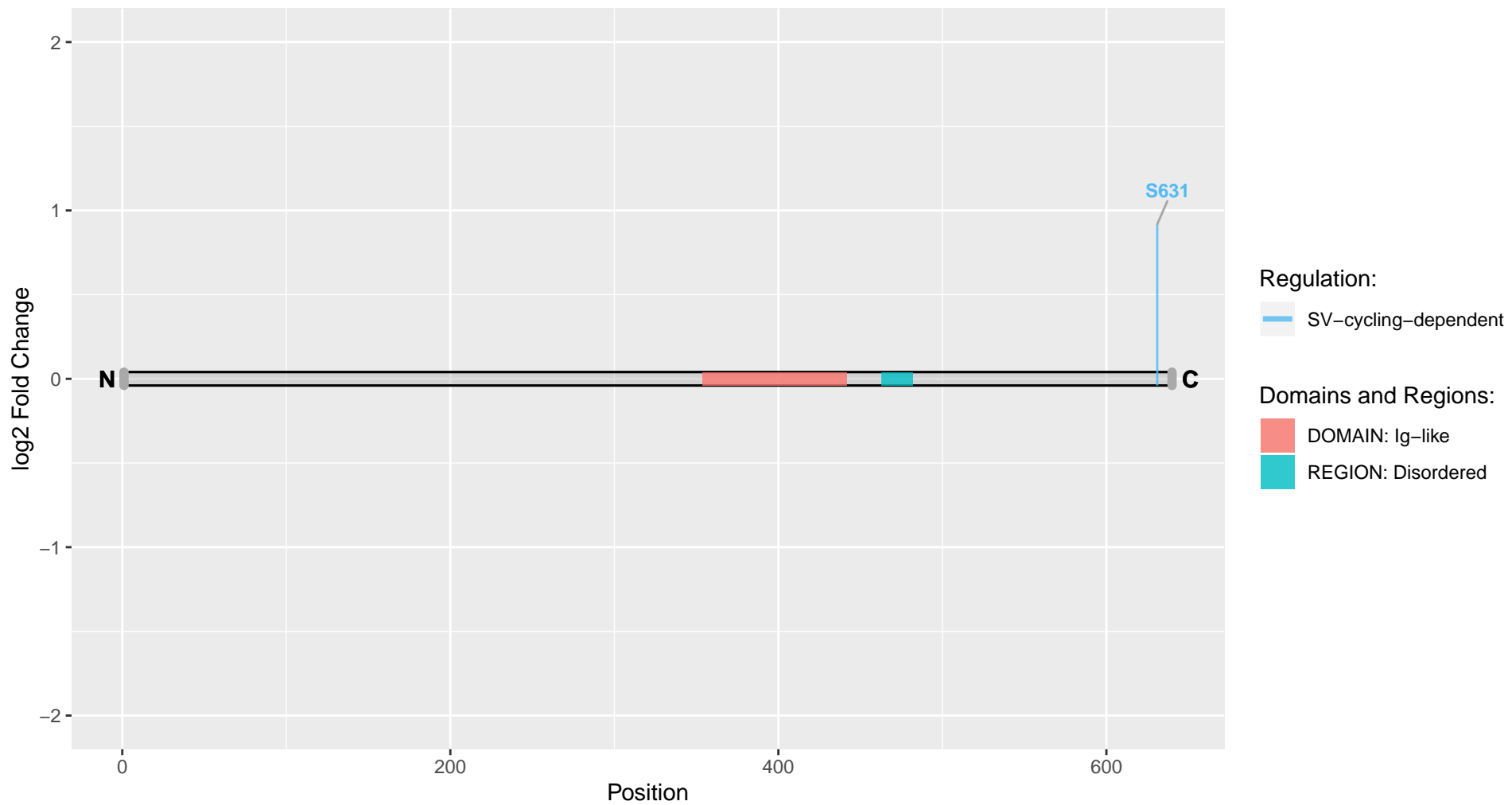
Leucine-rich repeat-containing protein 4B



Lrrc4c

Uniprot Accession: D3ZXT1

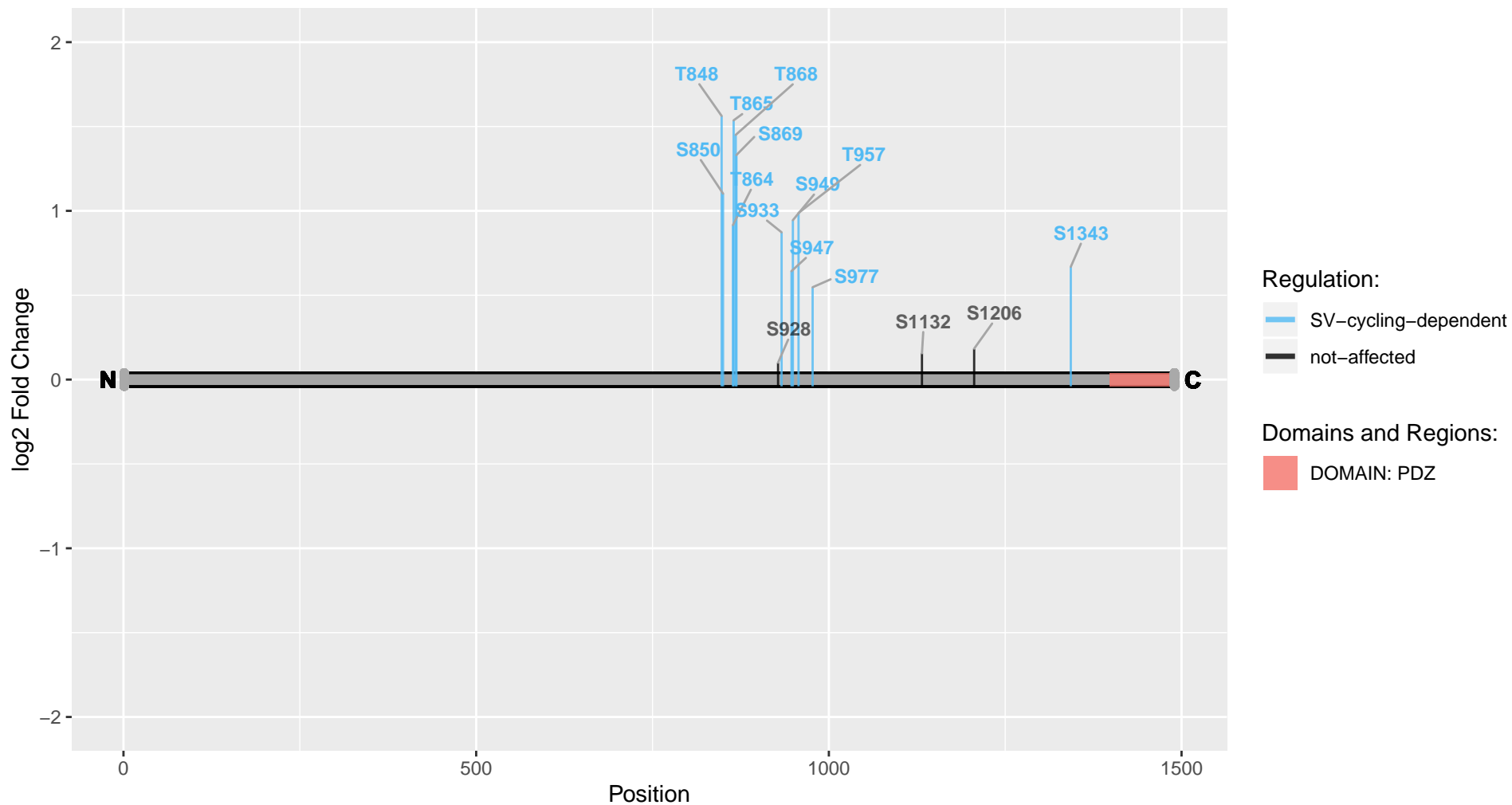
Leucine rich repeat containing 4C (Predicted), isoform CRA_a



Lrrc7

Uniprot Accession: P70587

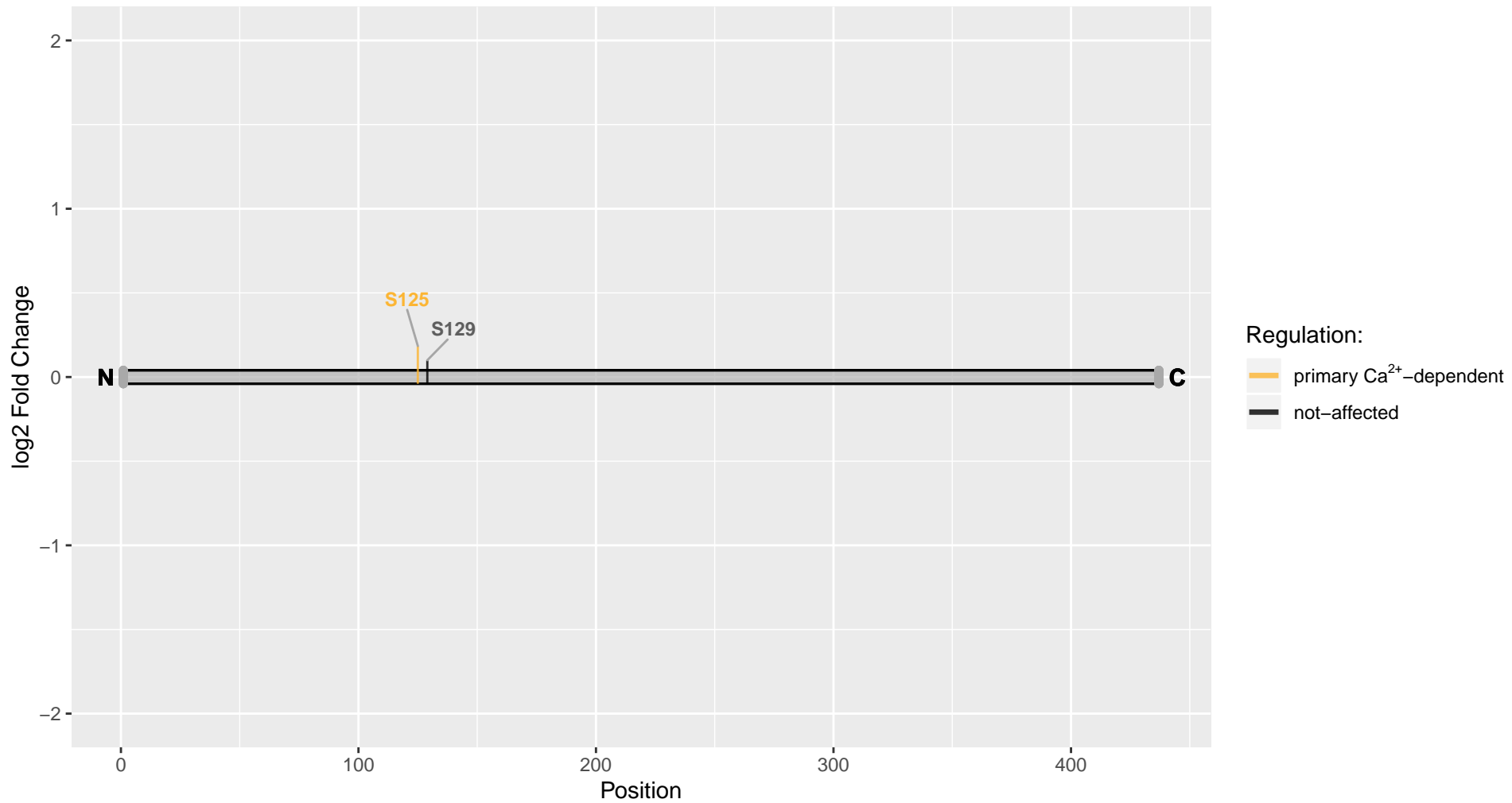
Leucine-rich repeat-containing protein 7



Lrrfip2

Uniprot Accession: Q4V7E8

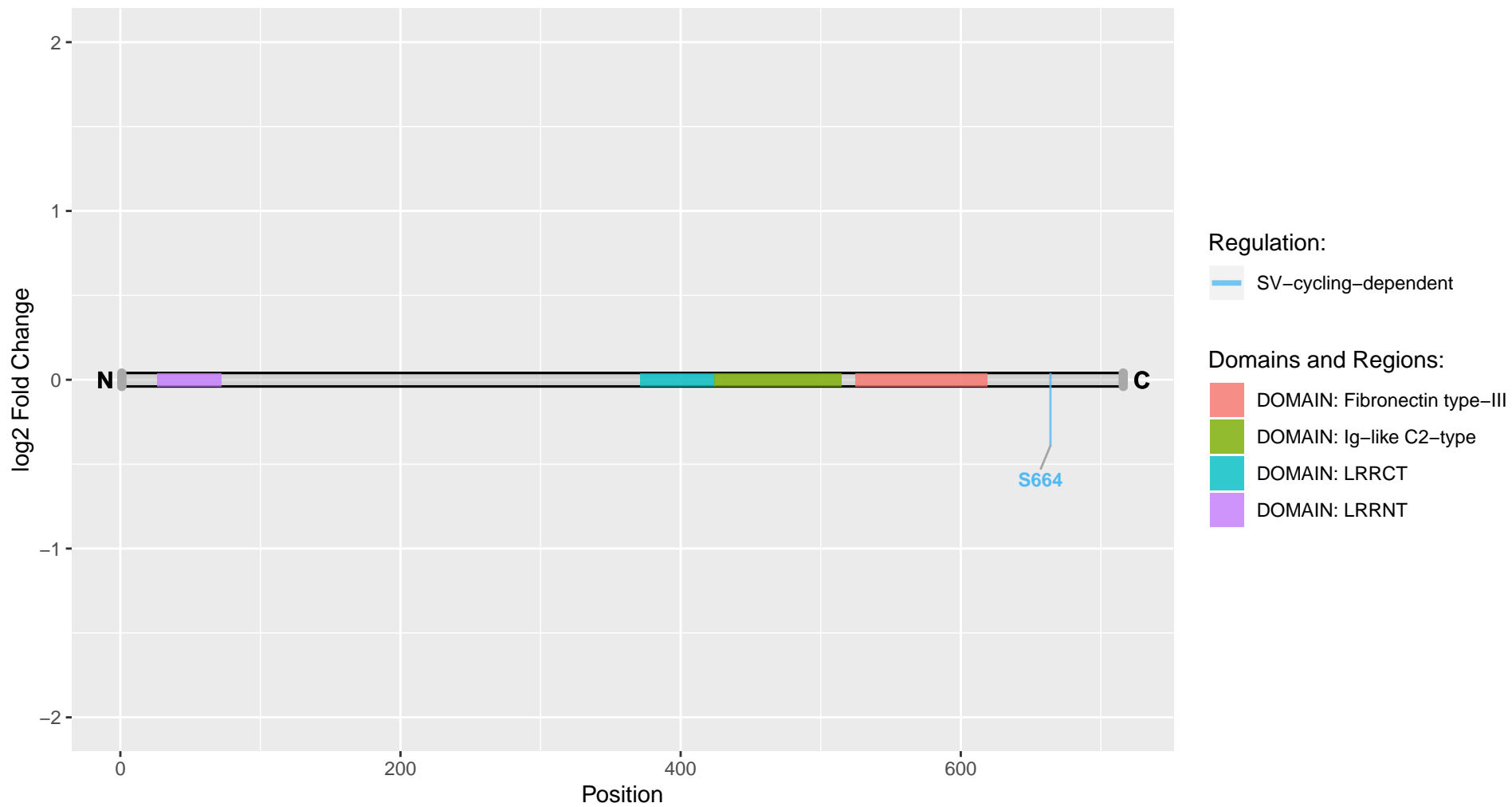
Leucine-rich repeat flightless-interacting protein 2



Lrrn1

Uniprot Accession: Q32Q07

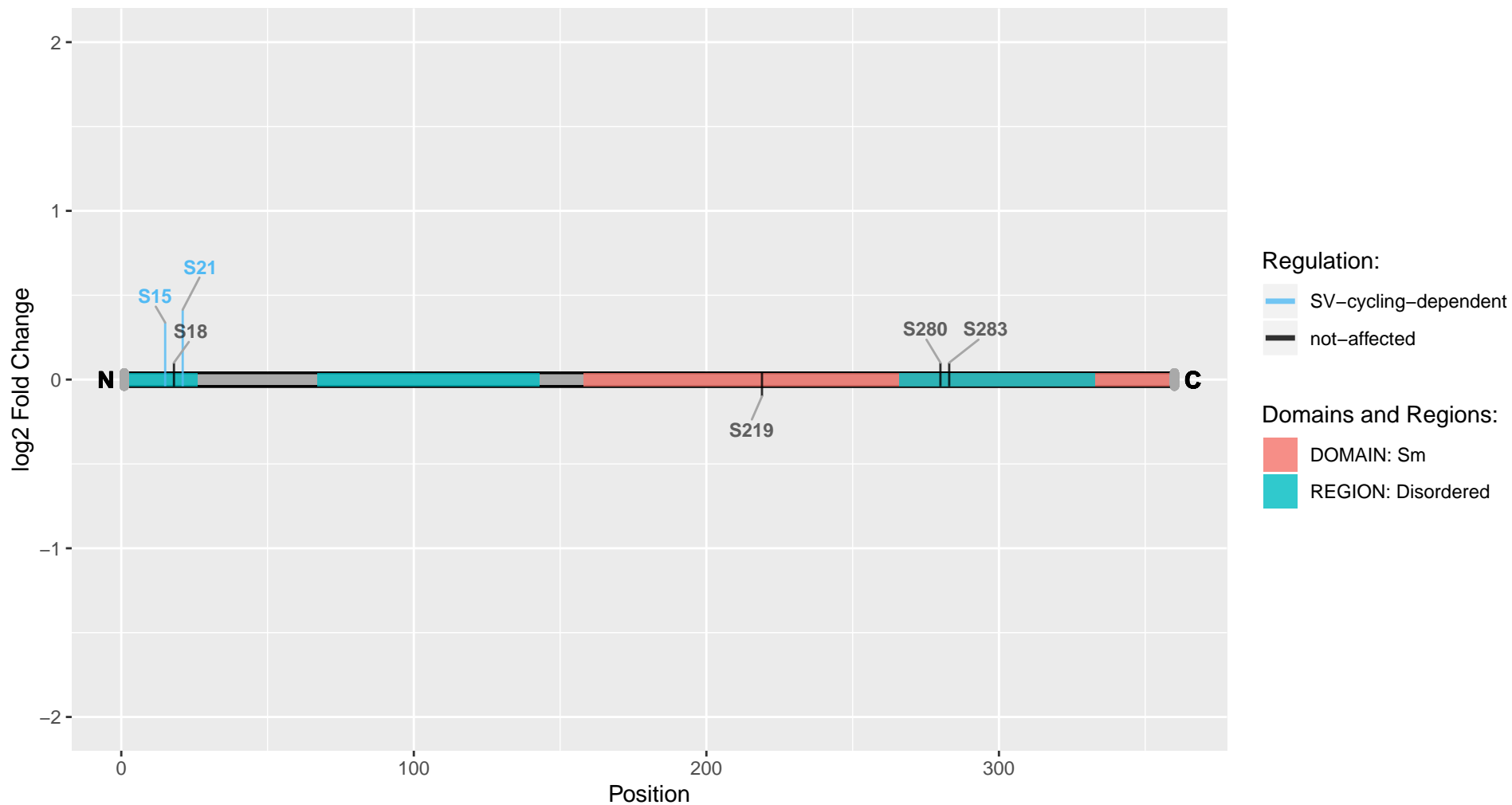
Leucine-rich repeat neuronal protein 1



Lsm11

Uniprot Accession: B0BNI4

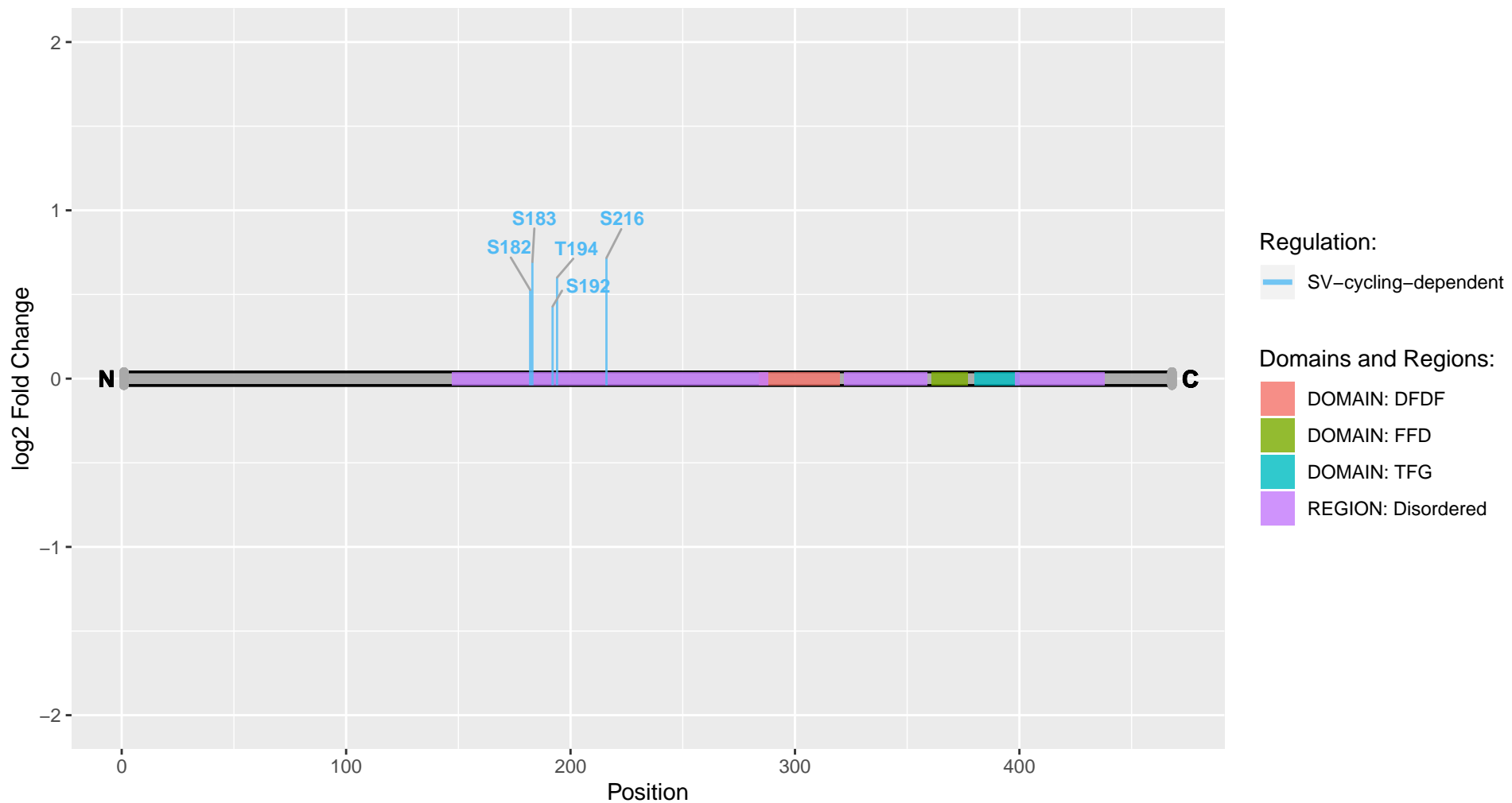
LSM11, U7 small nuclear RNA-associated



Lsm14a

Uniprot Accession: B2GV58

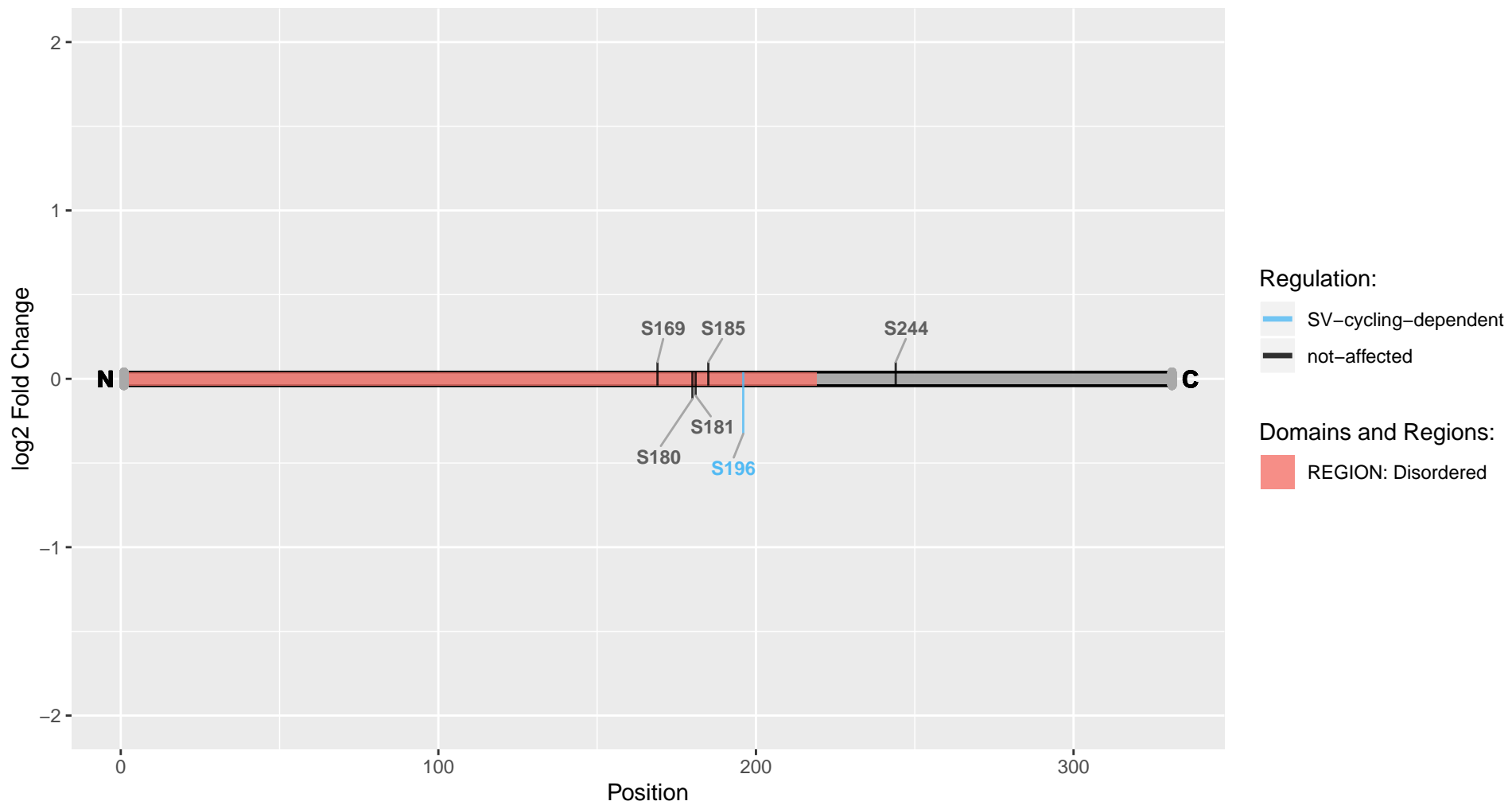
LSM14A mRNA-processing body assembly factor



Lsp1

Uniprot Accession: Q4QQV6

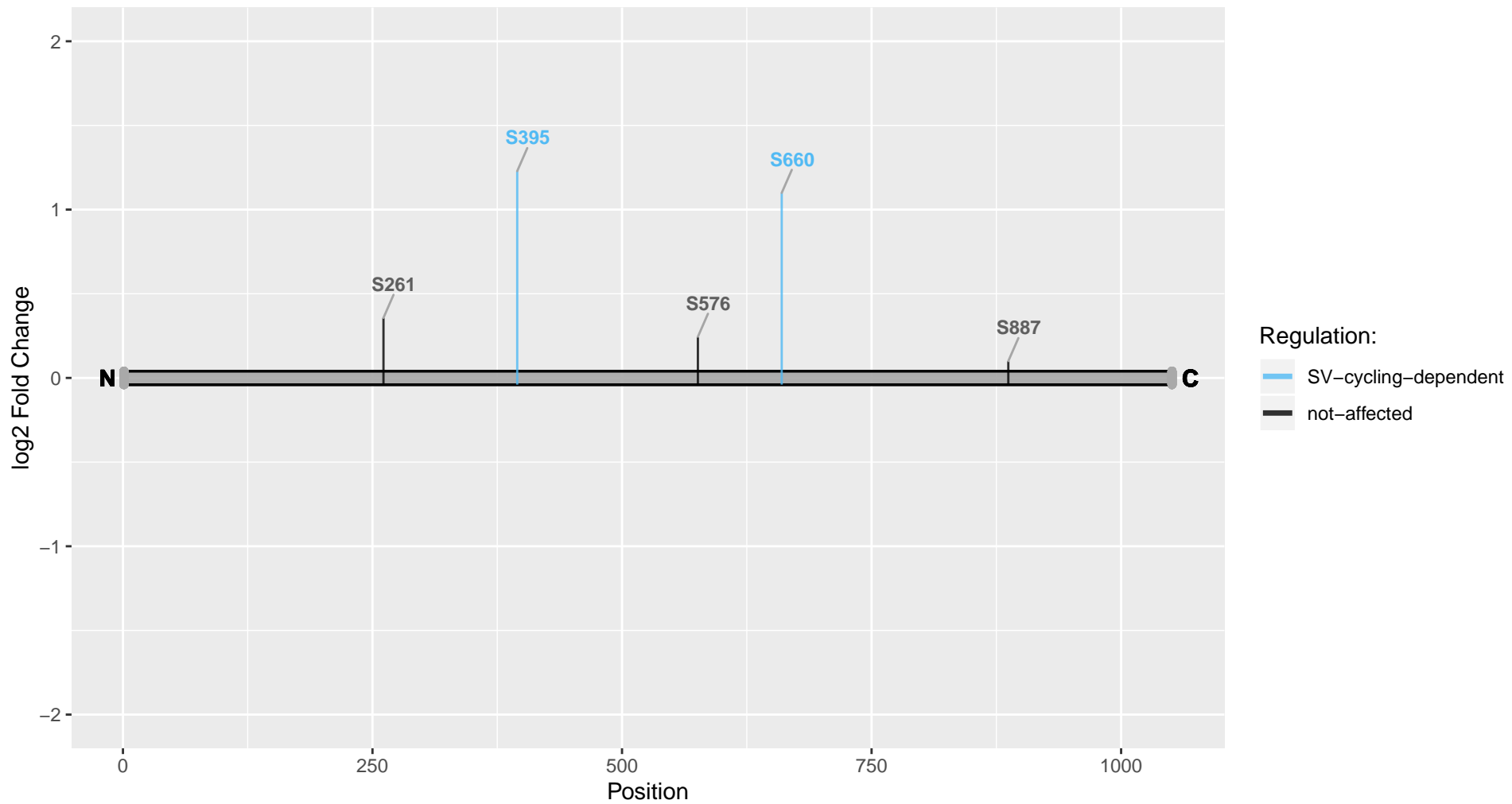
Lymphocyte specific 1, isoform CRA_a



Luzp1

Uniprot Accession: Q9ESV1

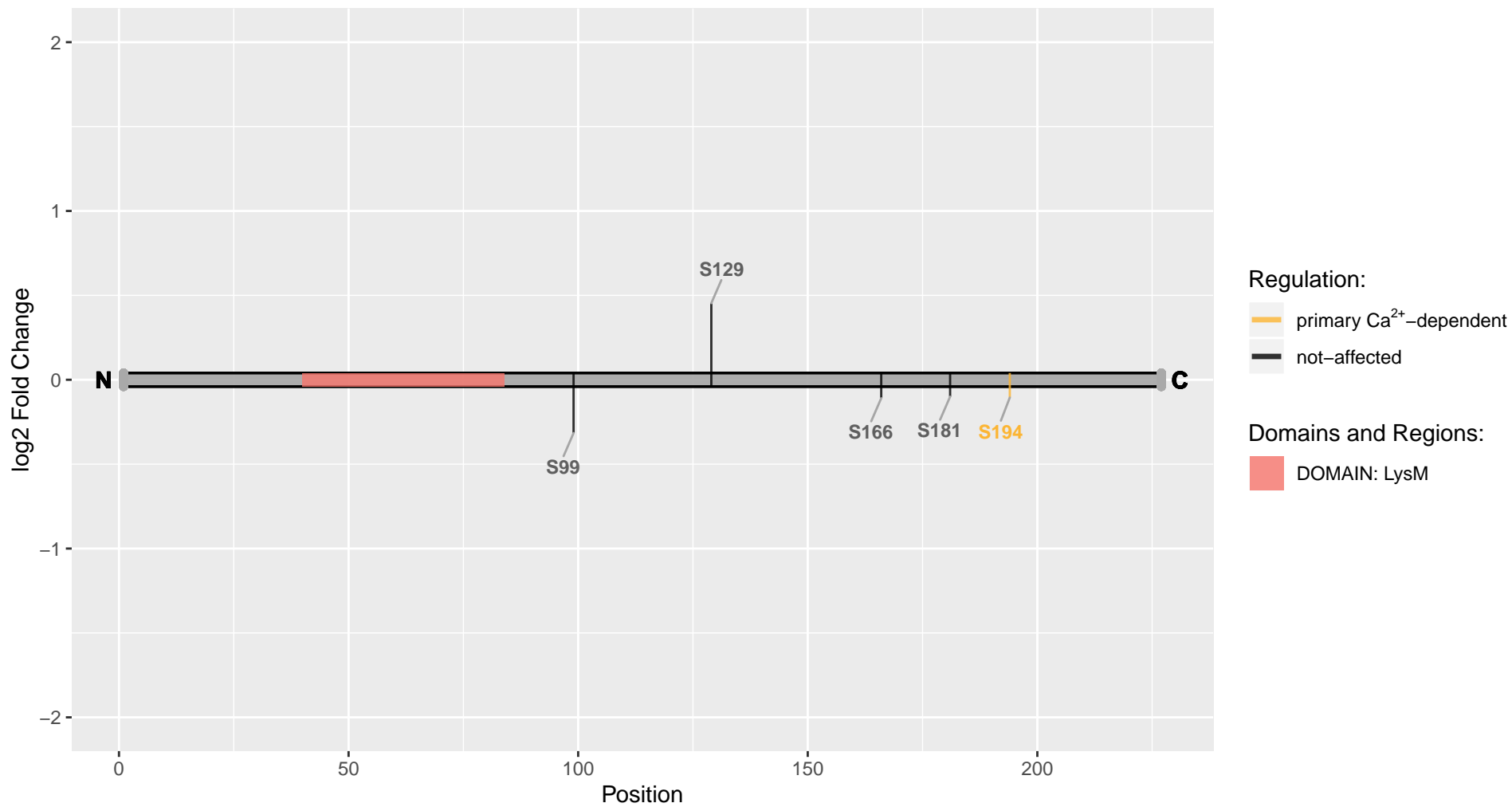
Leucine zipper protein 1



Lysmd1

Uniprot Accession: Q5HZA4

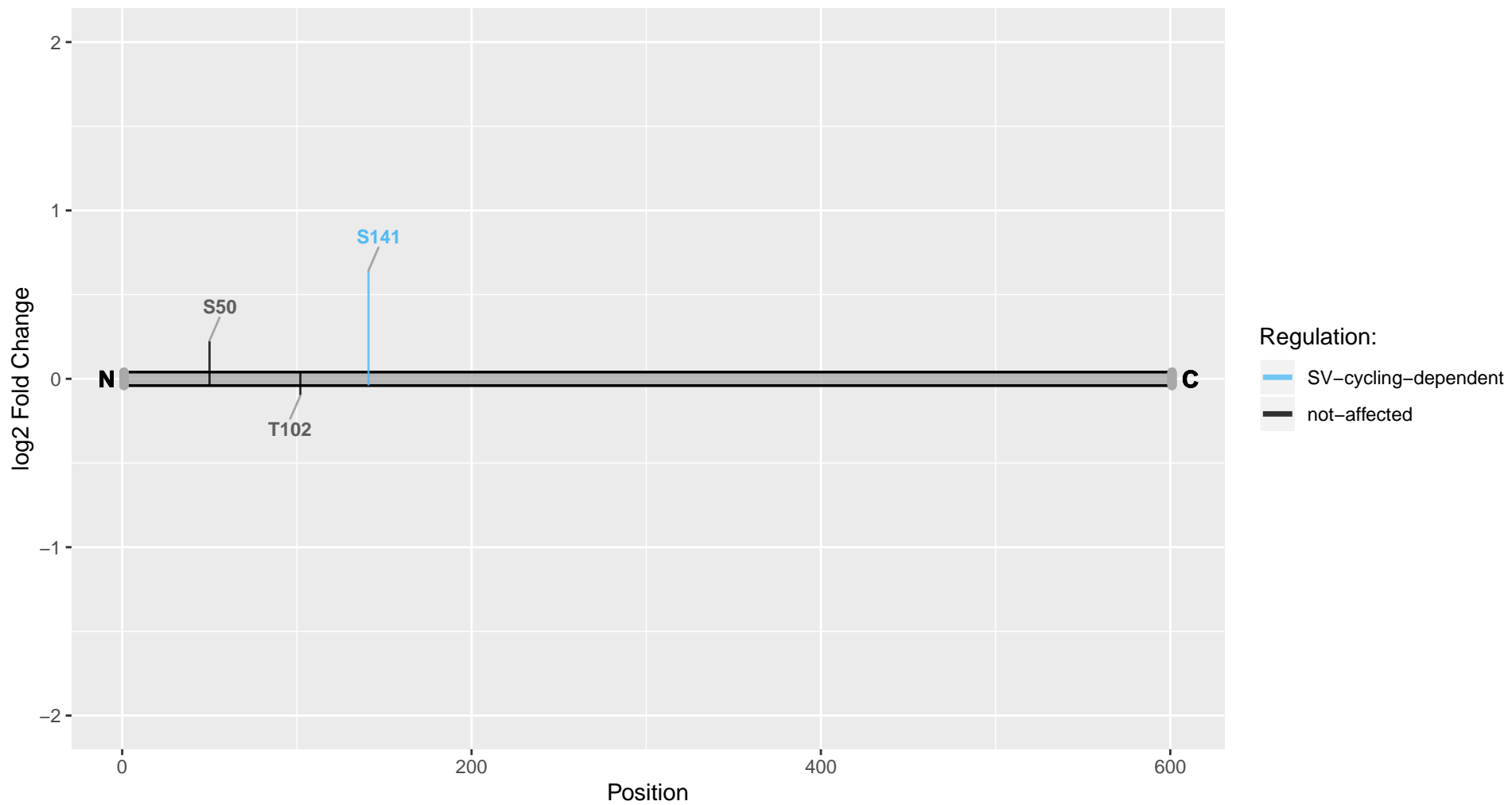
LysM and putative peptidoglycan-binding domain-containing protein 1



Lzts1

Uniprot Accession: Q8CFC9

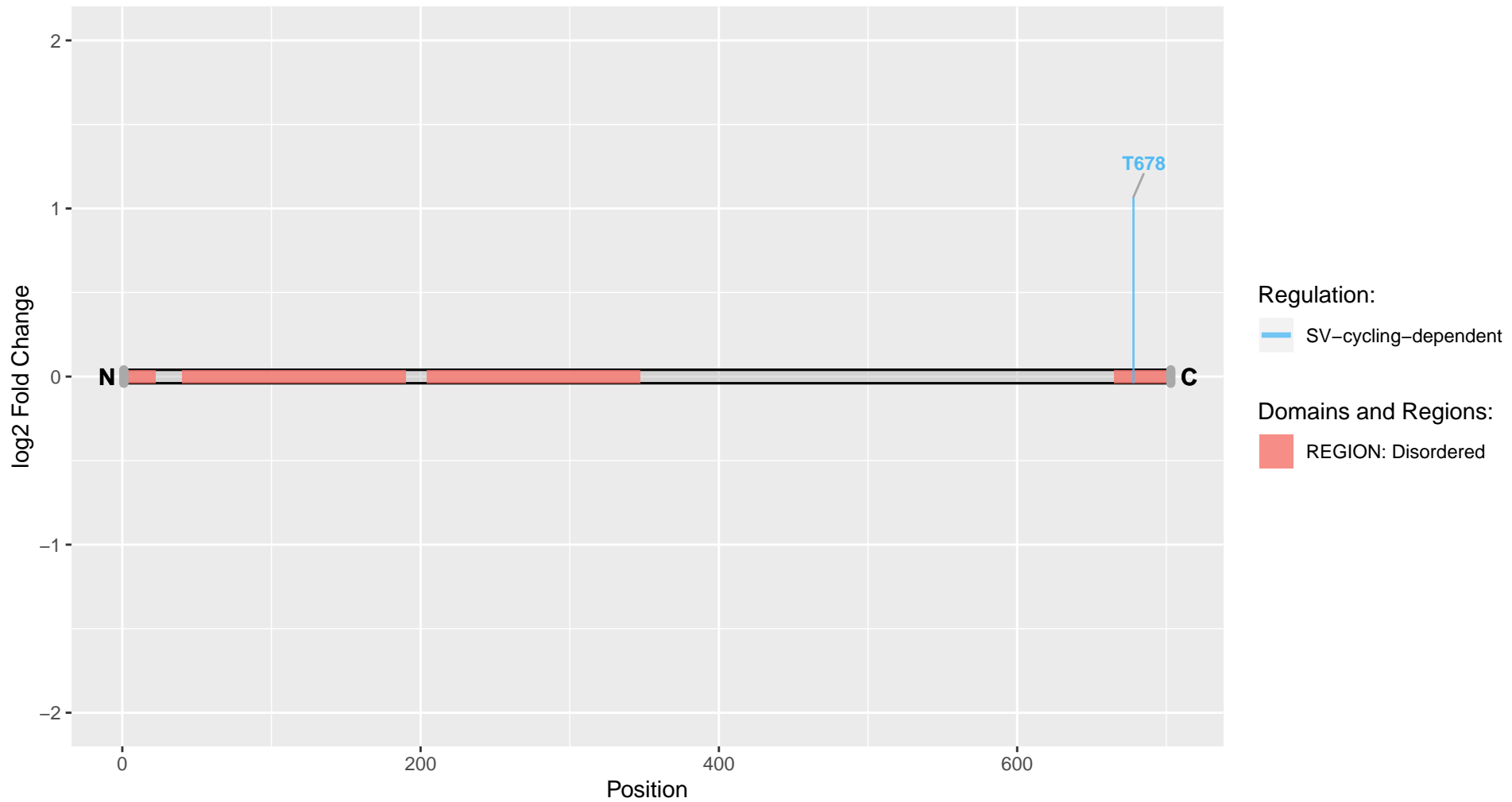
Leucine zipper putative tumor suppressor 1



Lzts3

Uniprot Accession: G3V8V8

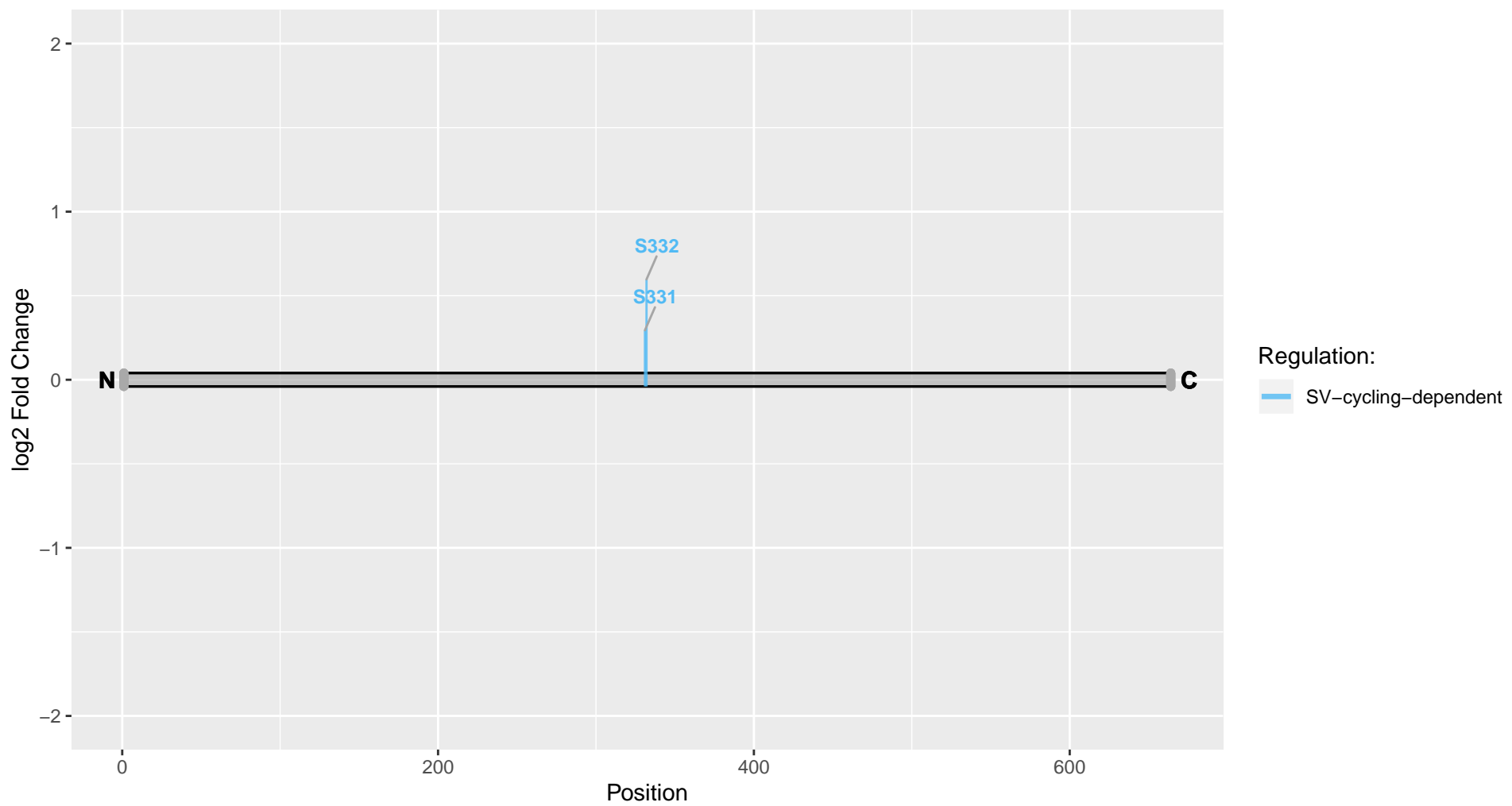
Leucine zipper putative tumor suppressor 3



Maco1

Uniprot Accession: Q4V7D3

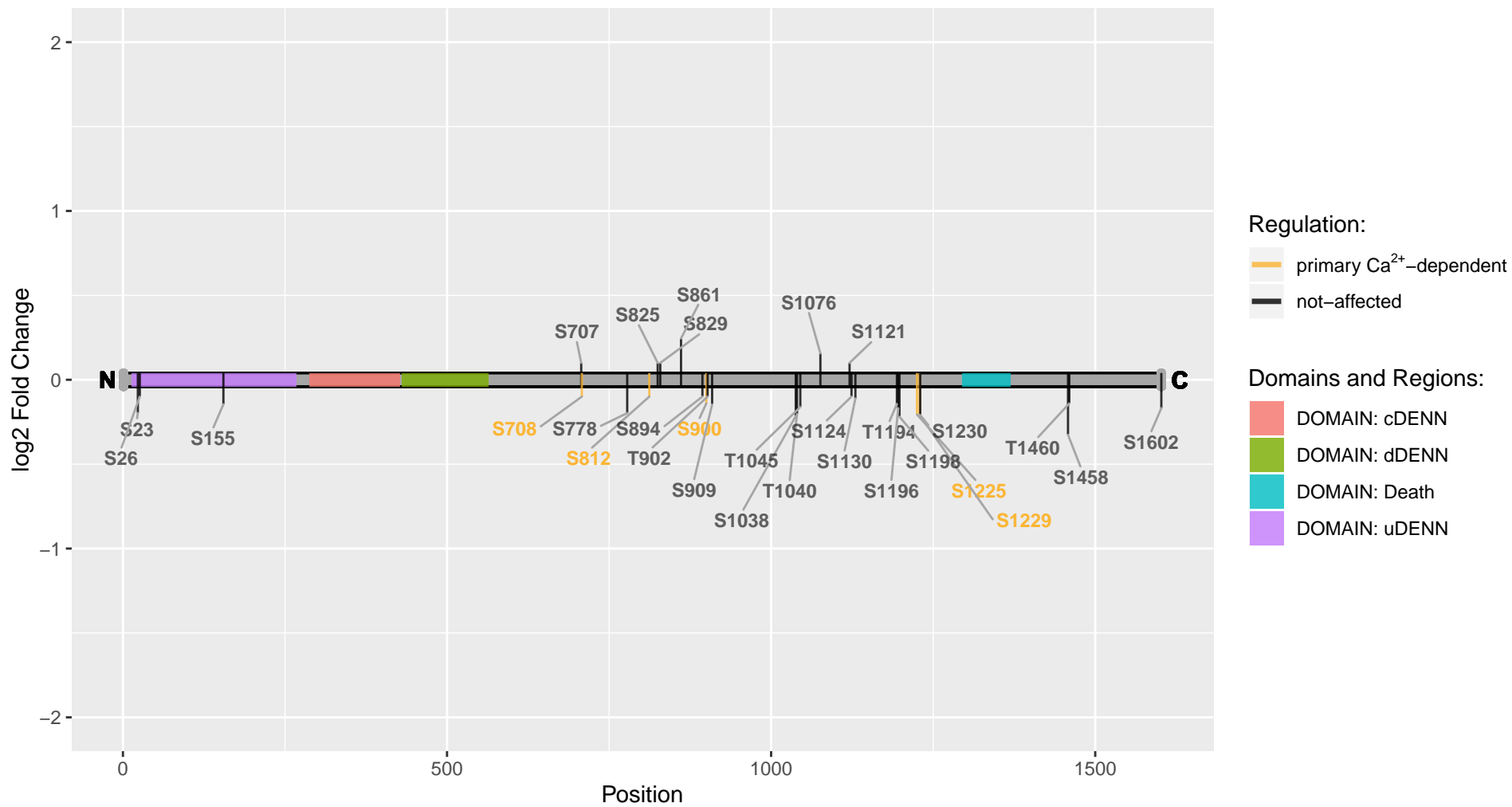
Macoilin



Madd

Uniprot Accession: O08873

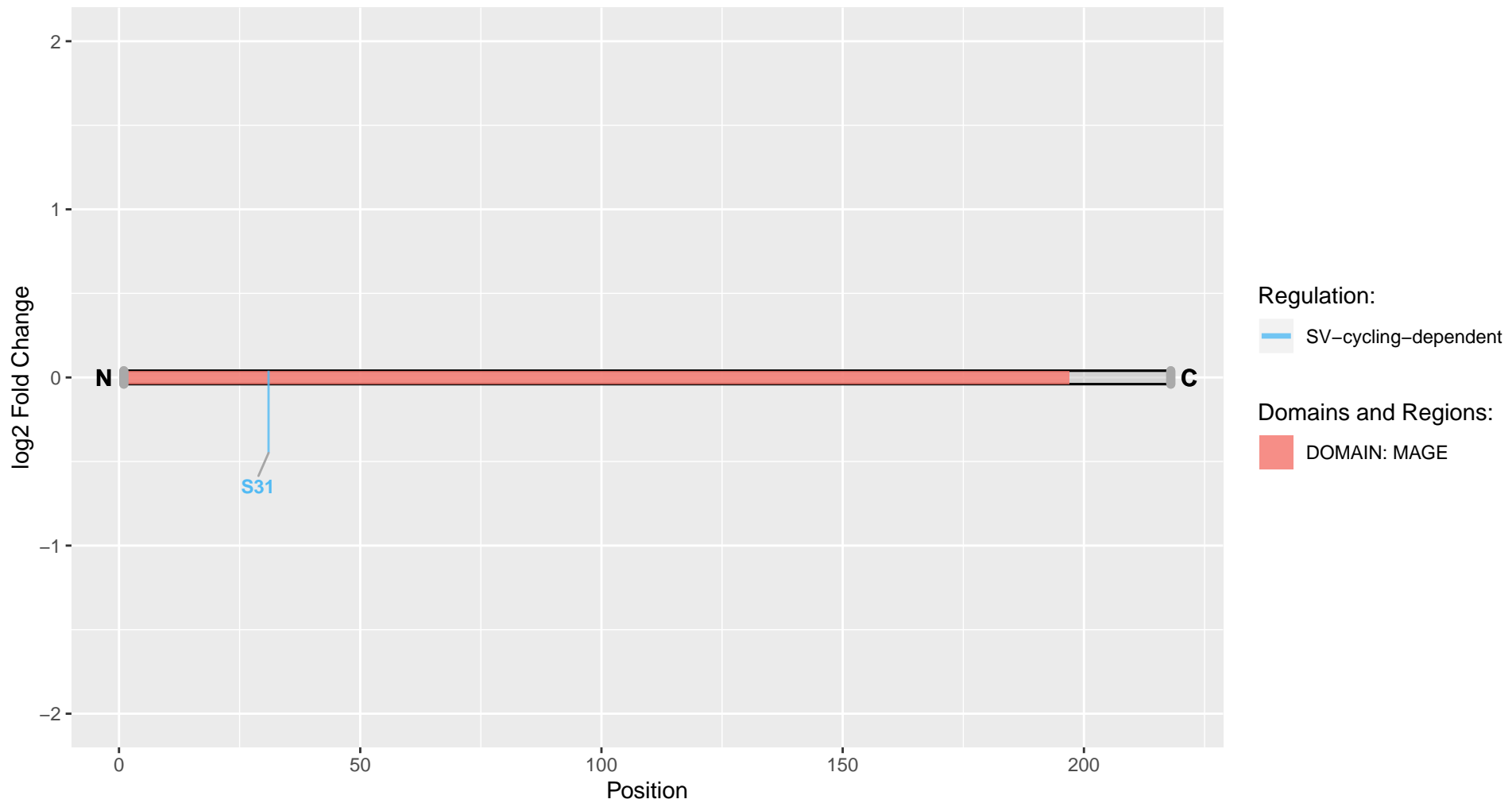
MAP kinase-activating death domain protein



Mageh1

Uniprot Accession: Q5PPP4

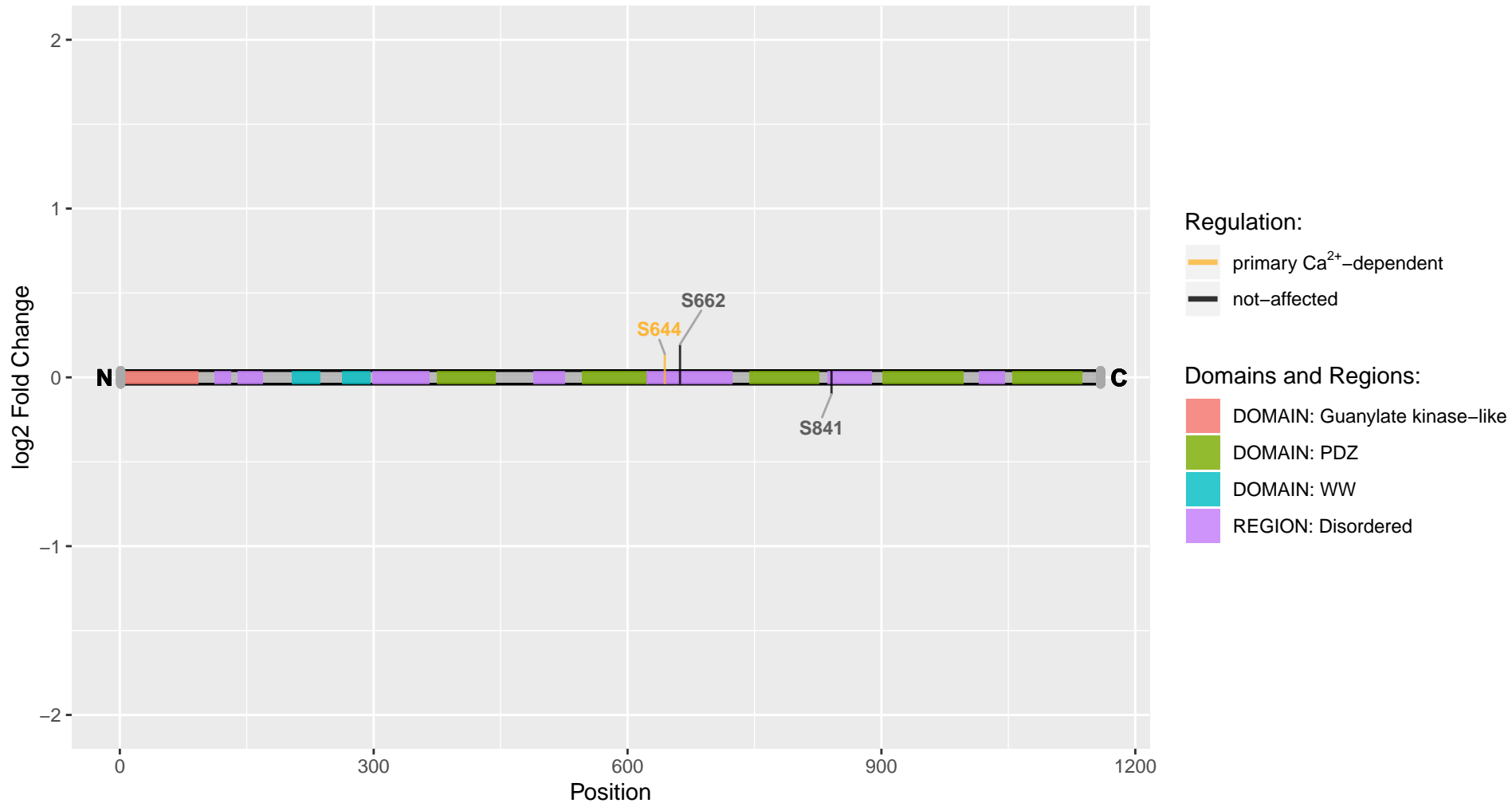
Melanoma-associated antigen H1



Magi1

Uniprot Accession: M0R8T1

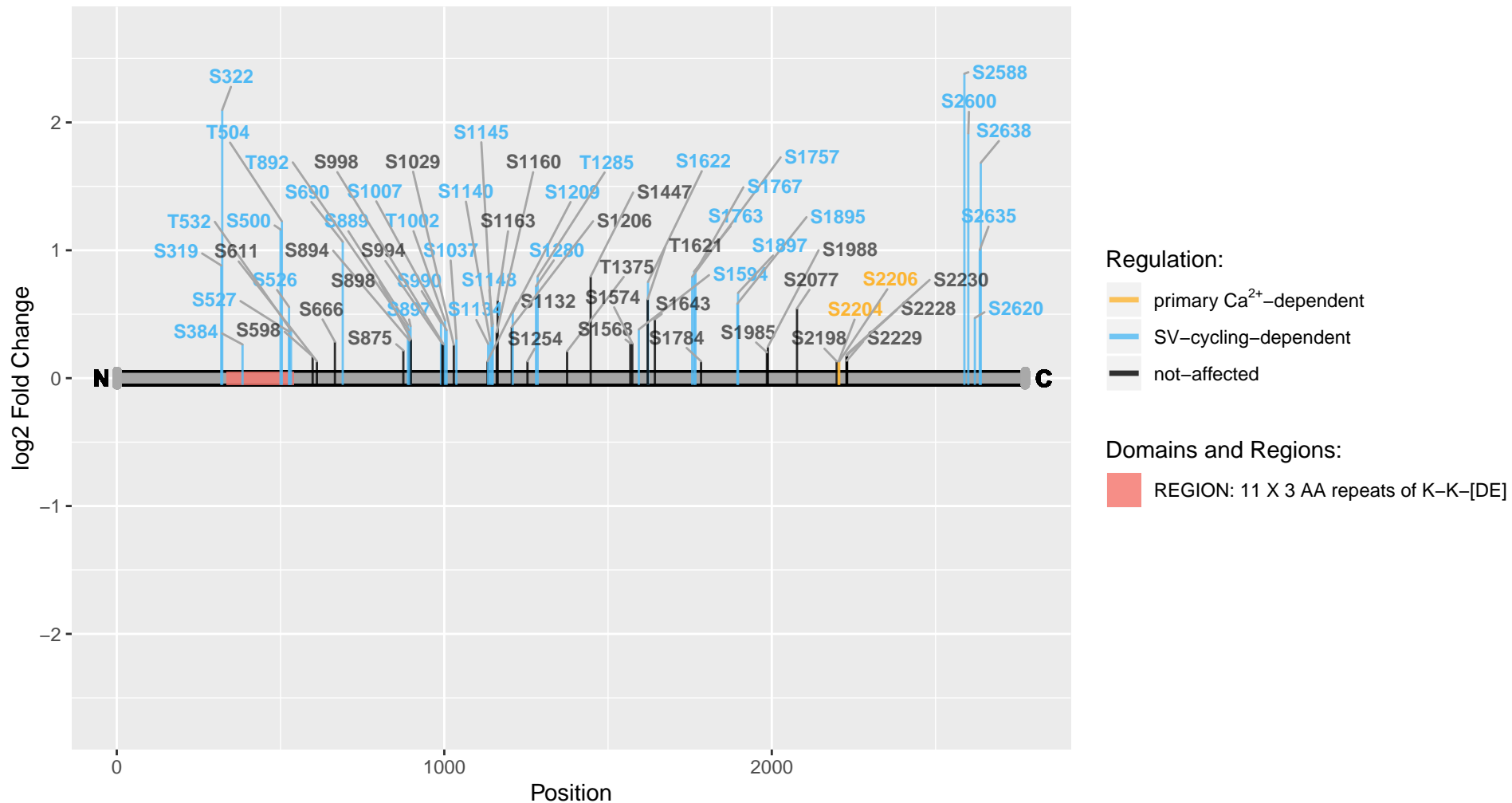
Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1



Map1a

Uniprot Accession: P34926

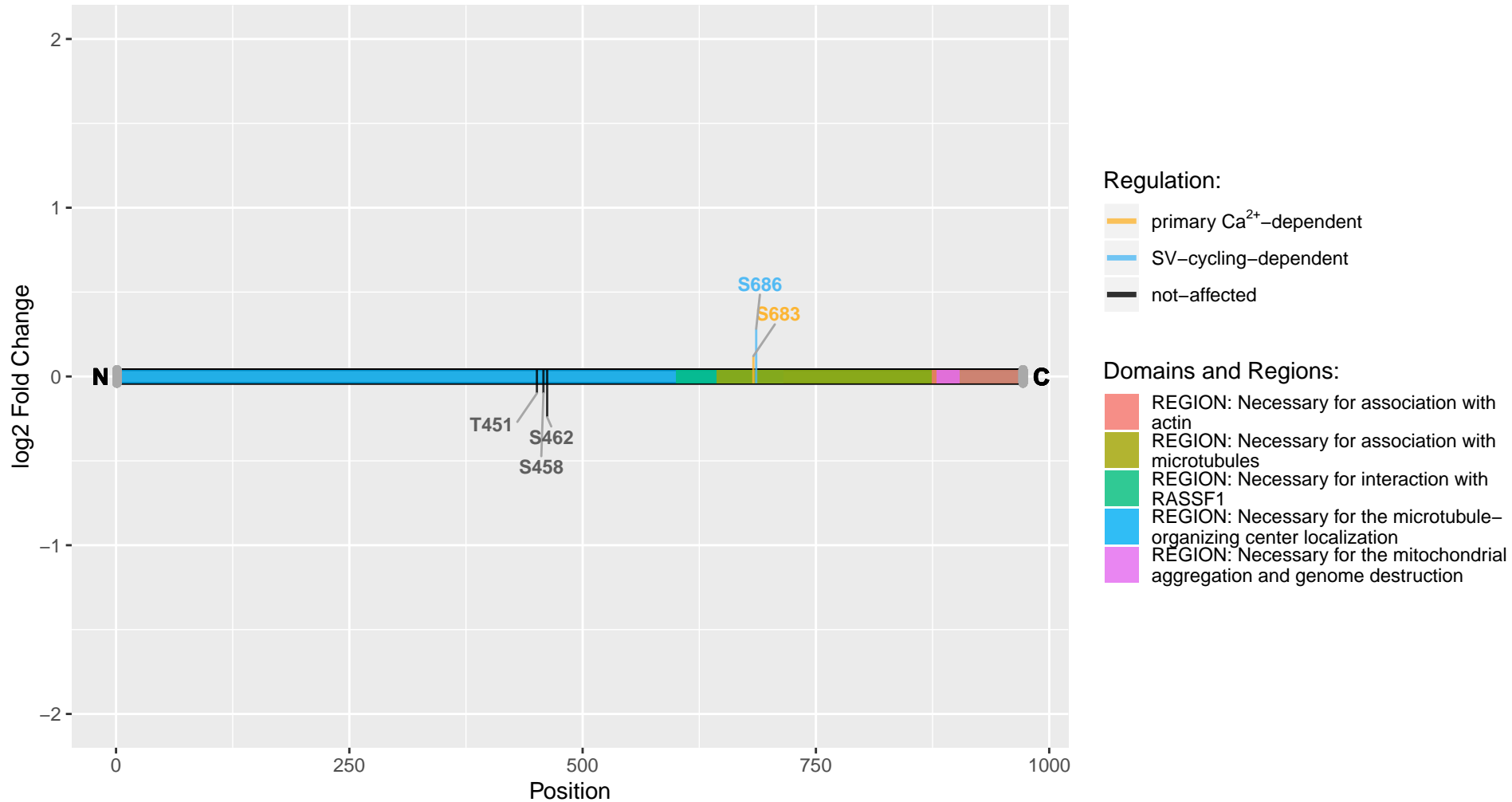
Microtubule-associated protein 1A



Map1s

Uniprot Accession: P0C5W1

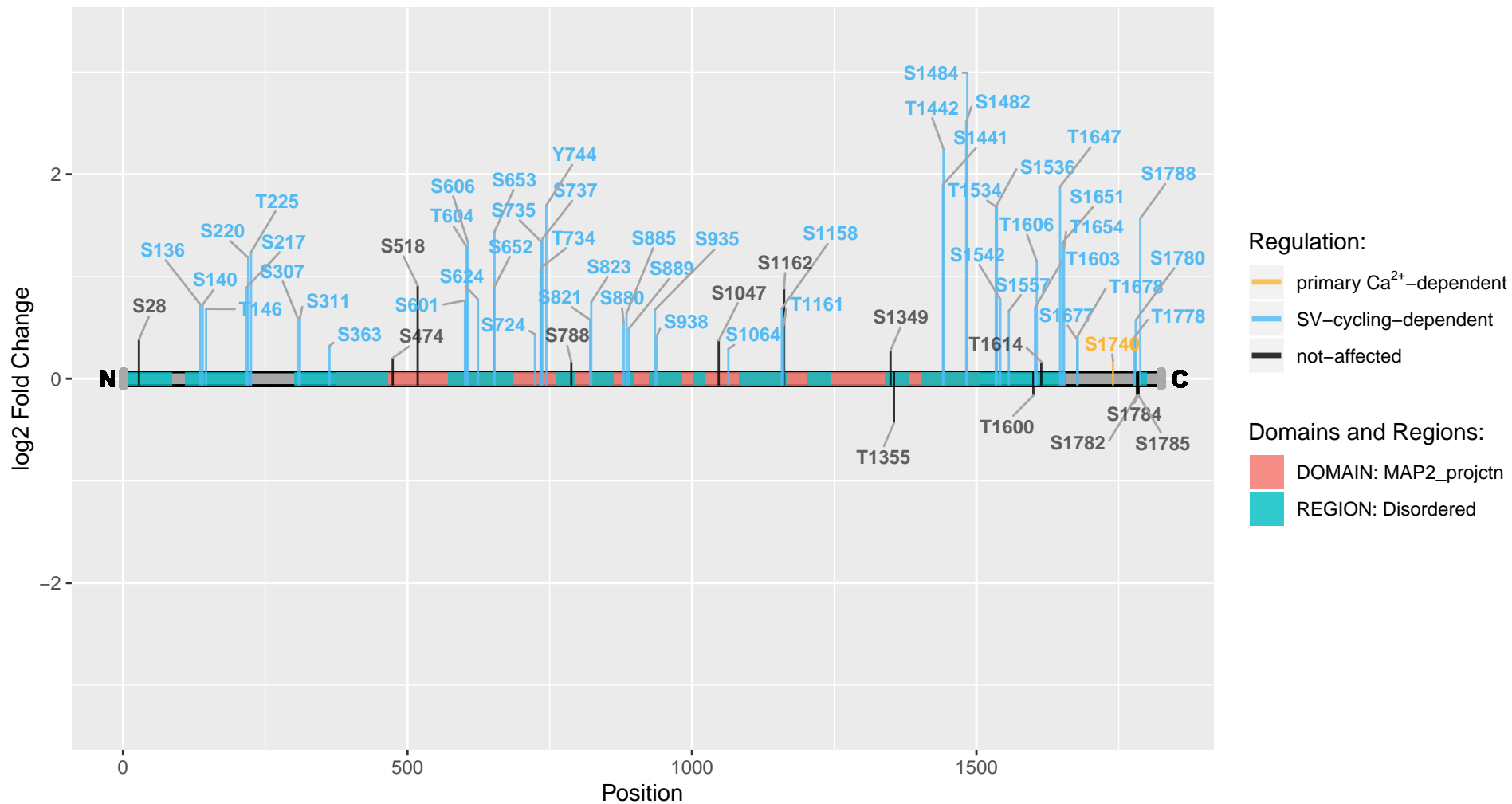
Microtubule-associated protein 1S



Map2

Uniprot Accession: F1MAQ5

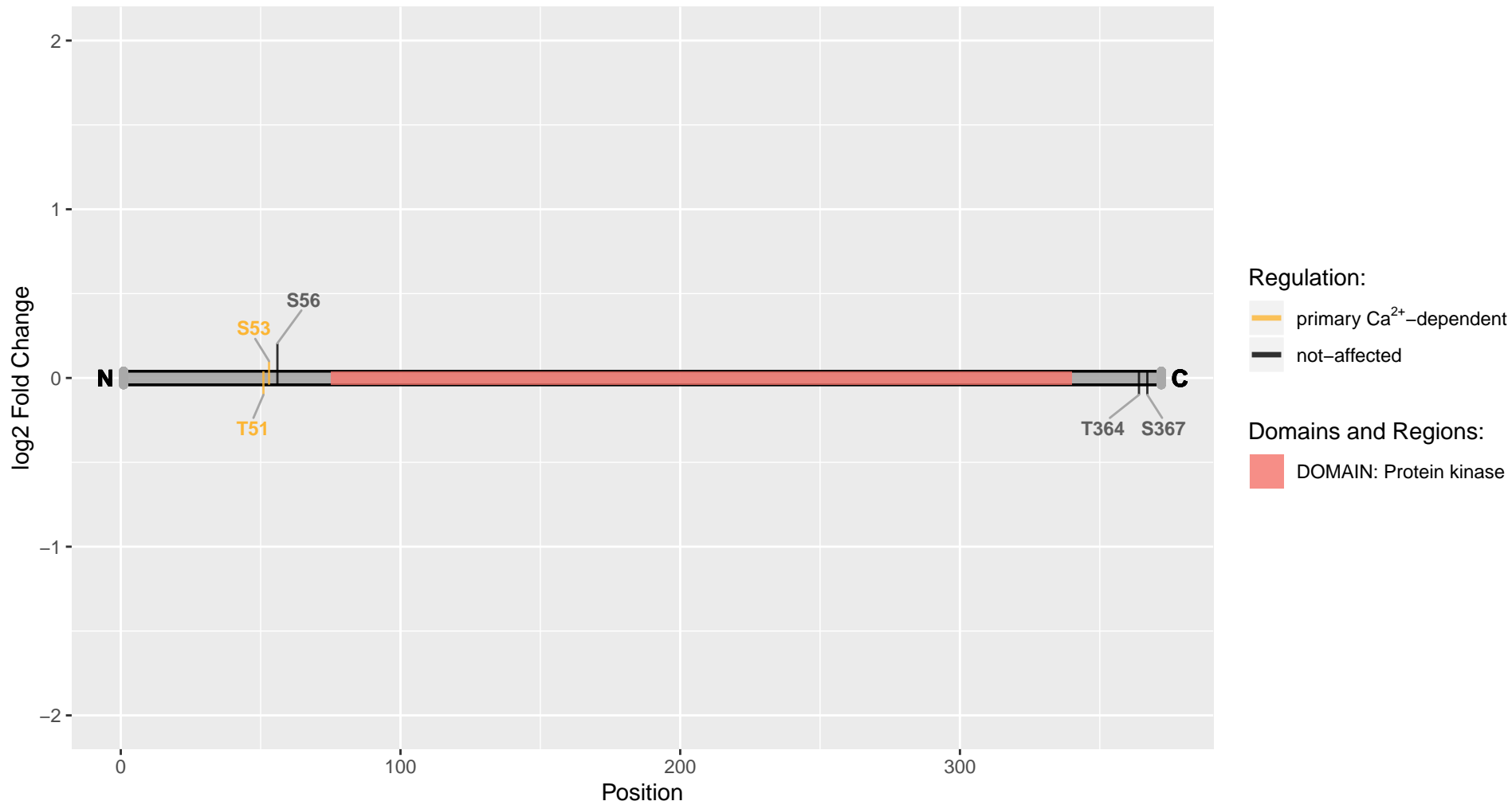
Microtubule-associated protein



Map2k4

Uniprot Accession: F1LP57

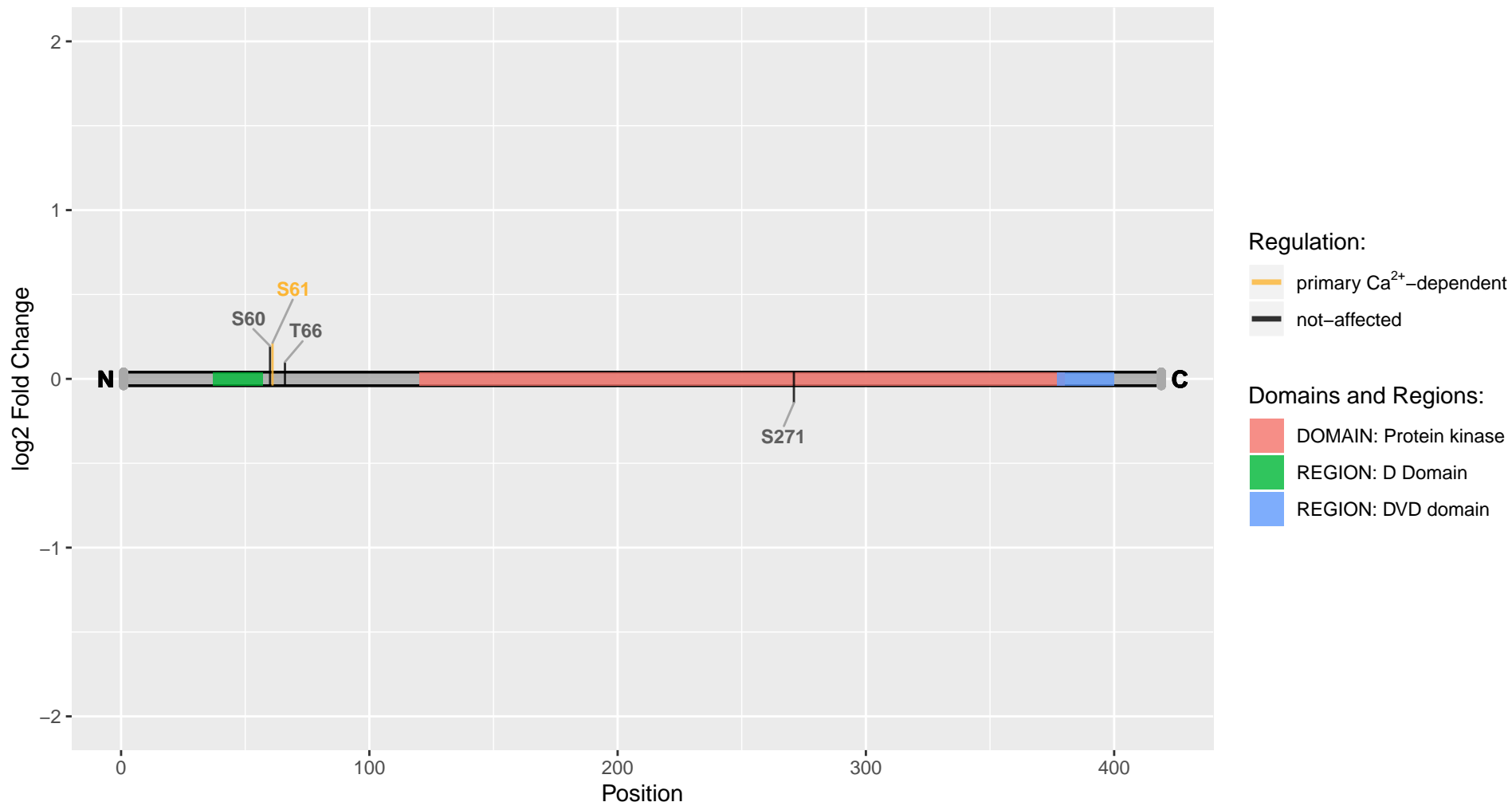
Mitogen-activated protein kinase 4



Map2k7

Uniprot Accession: Q4KSH7

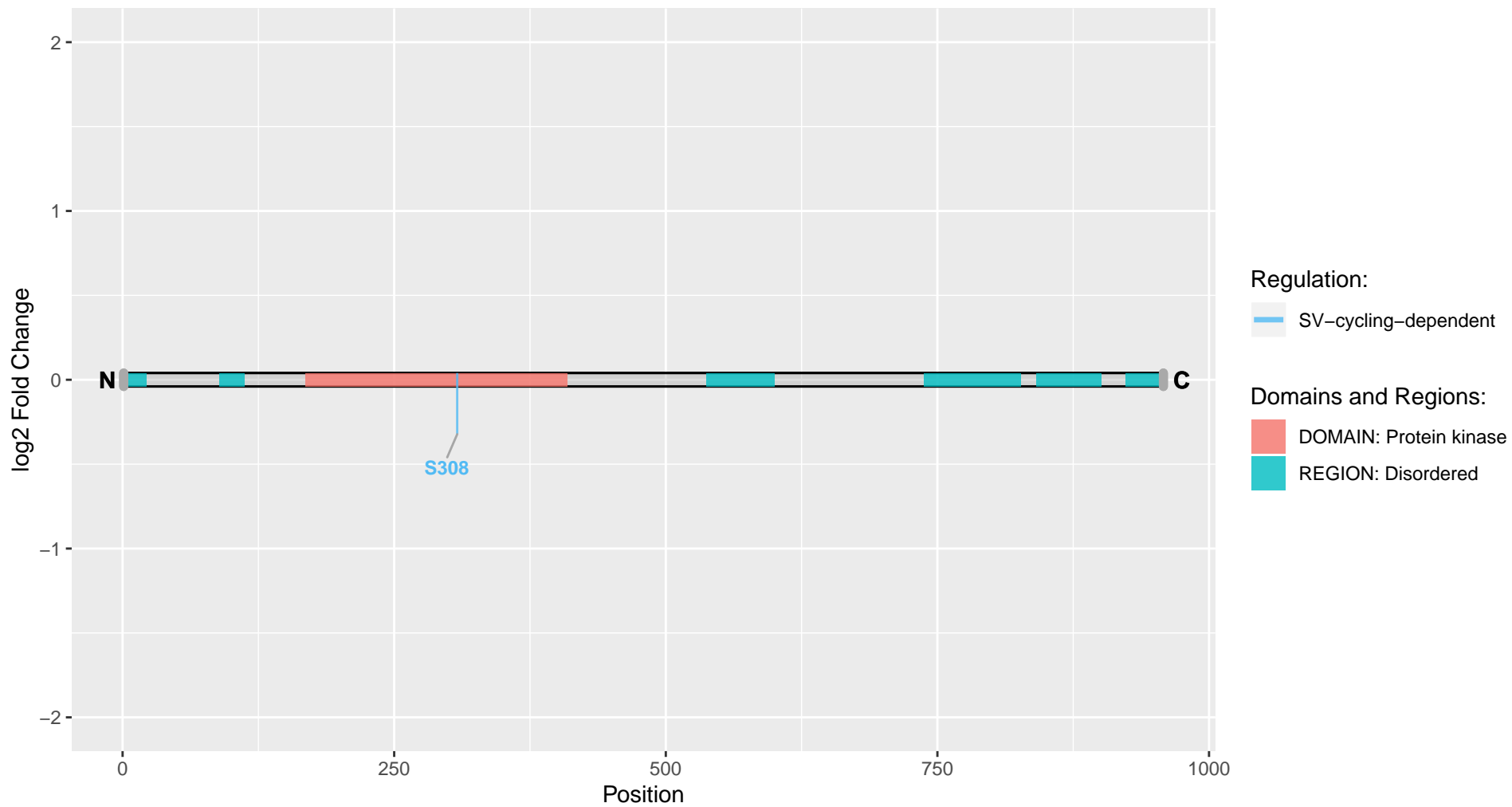
Dual specificity mitogen-activated protein kinase kinase 7



Map3k13

Uniprot Accession: F7FMK8

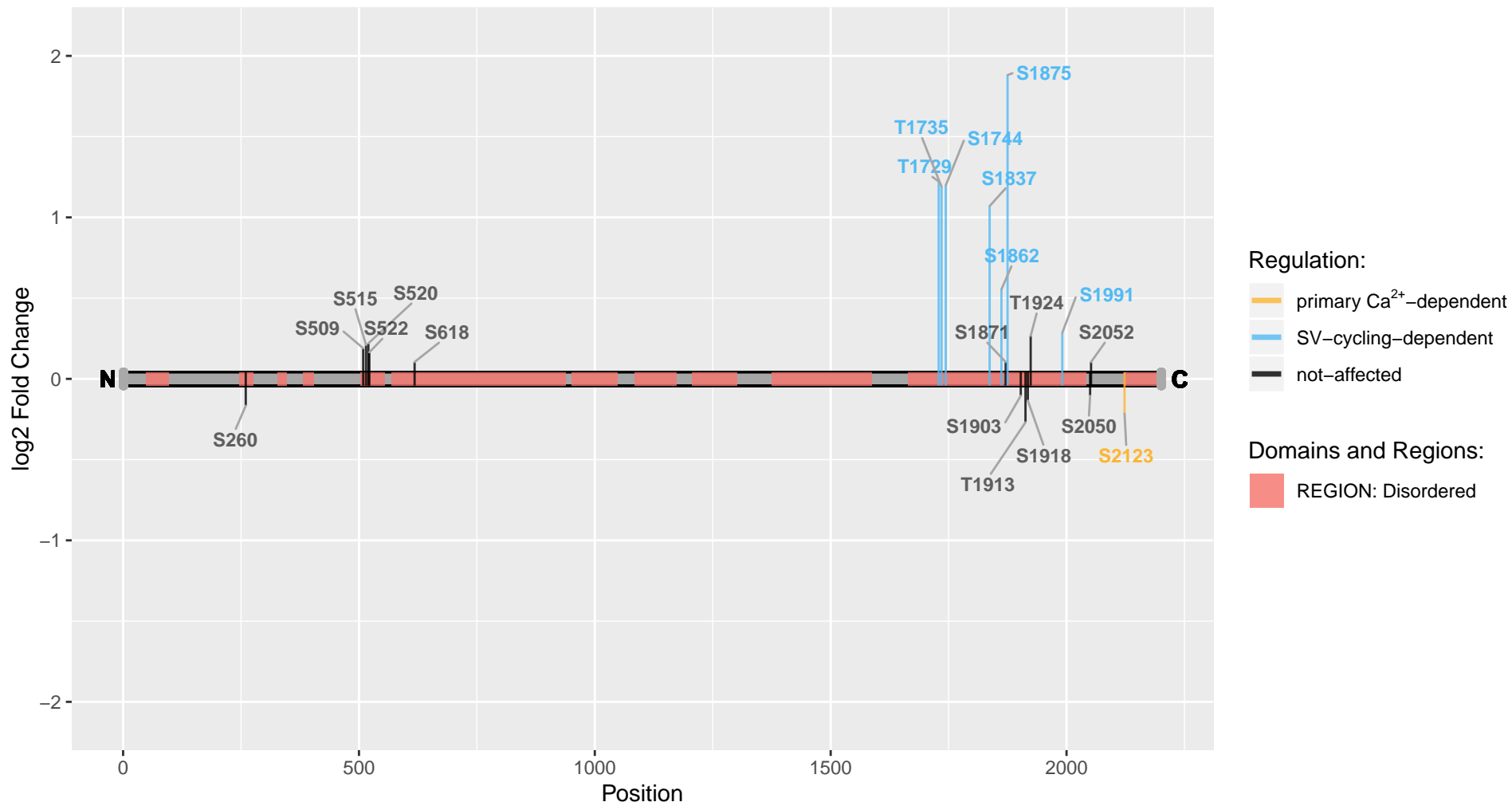
Mitogen-activated protein kinase kinase kinase 13



Map4

Uniprot Accession: A0A0G2JW88

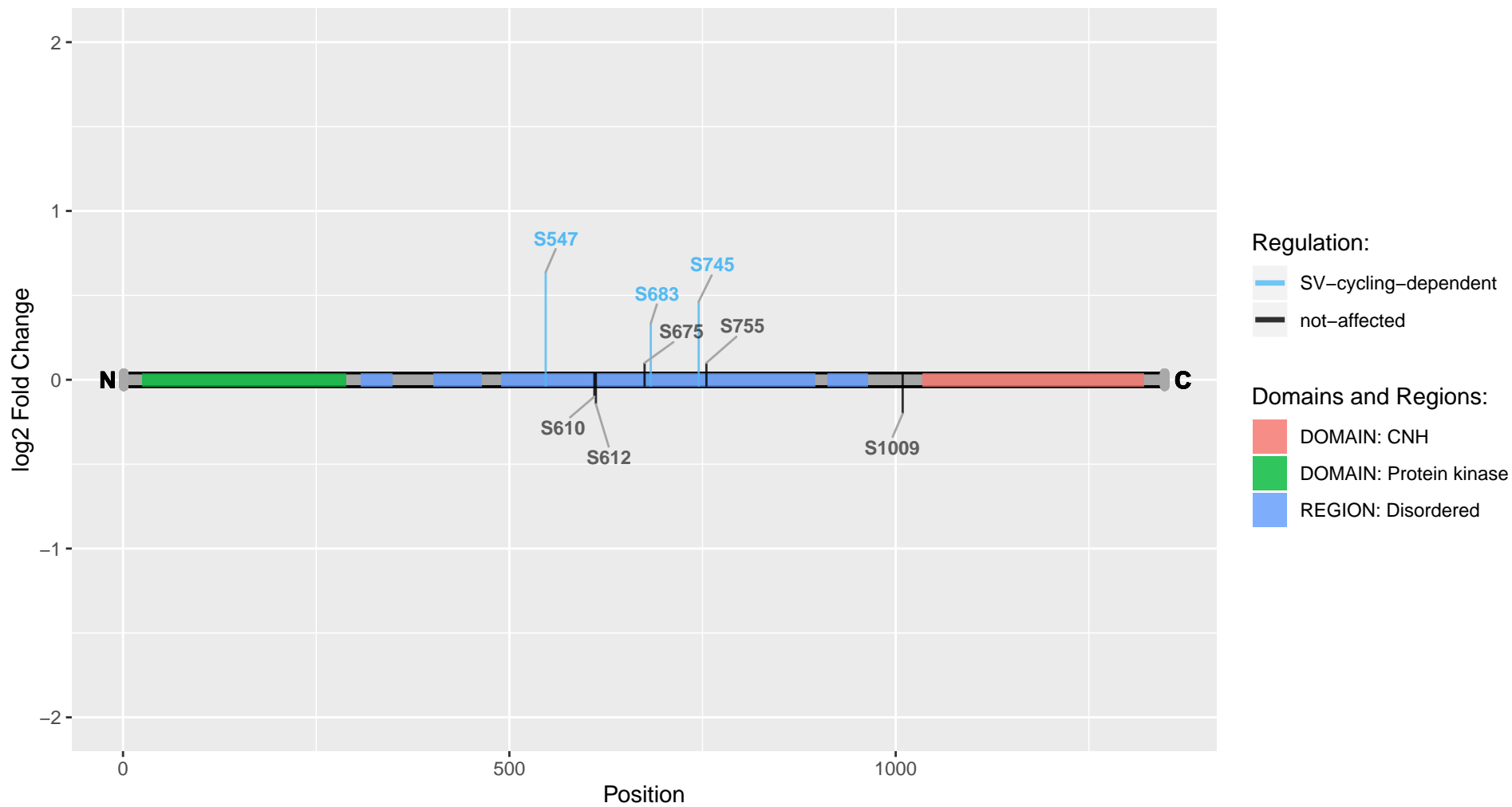
Microtubule-associated protein



Map4k4

Uniprot Accession: A0A0G2K7W4

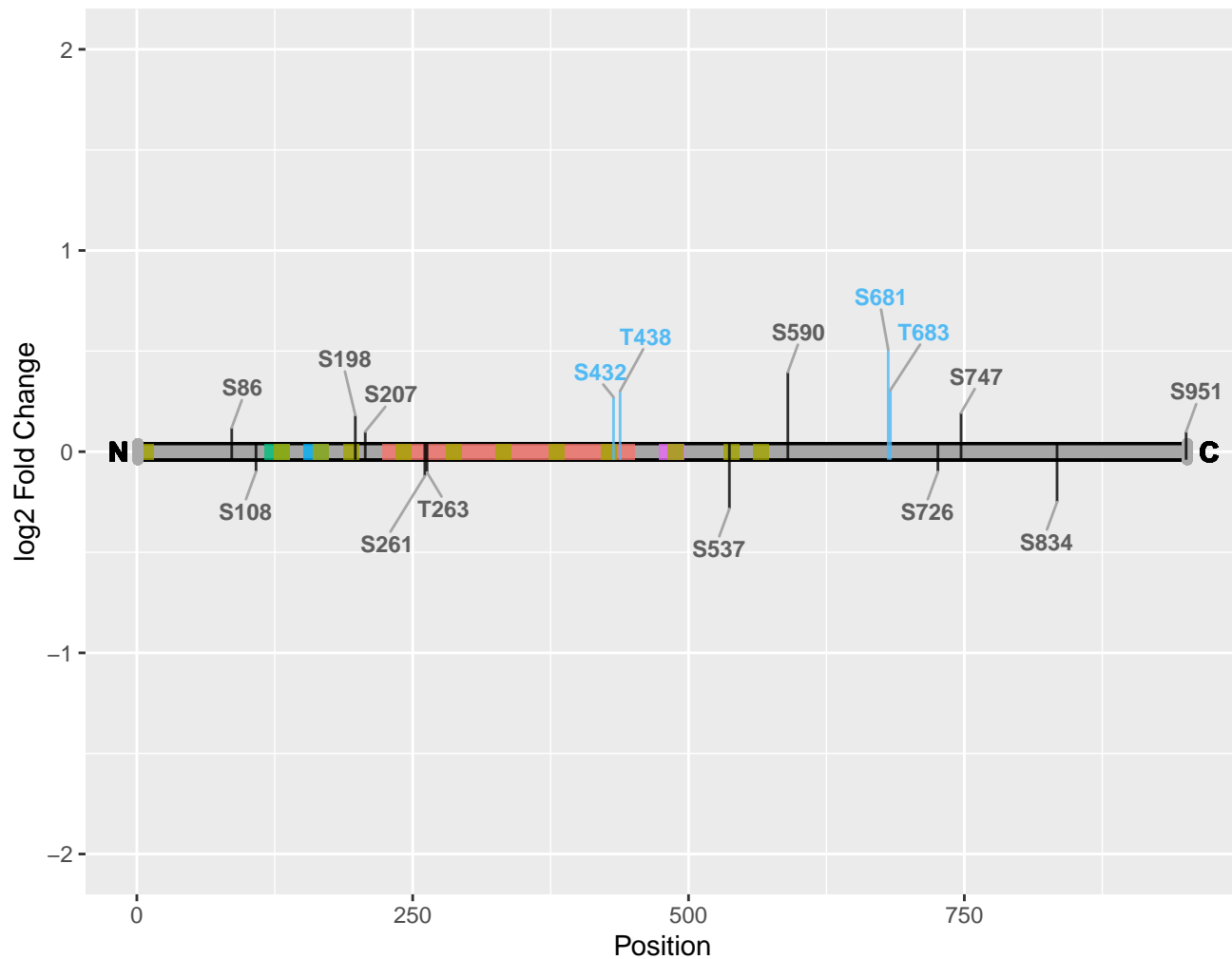
Mitogen-activated protein kinase kinase kinase 4



Map6

Uniprot Accession: Q63560

Microtubule-associated protein 6



Regulation:

- SV-cycling-dependent
- not-affected

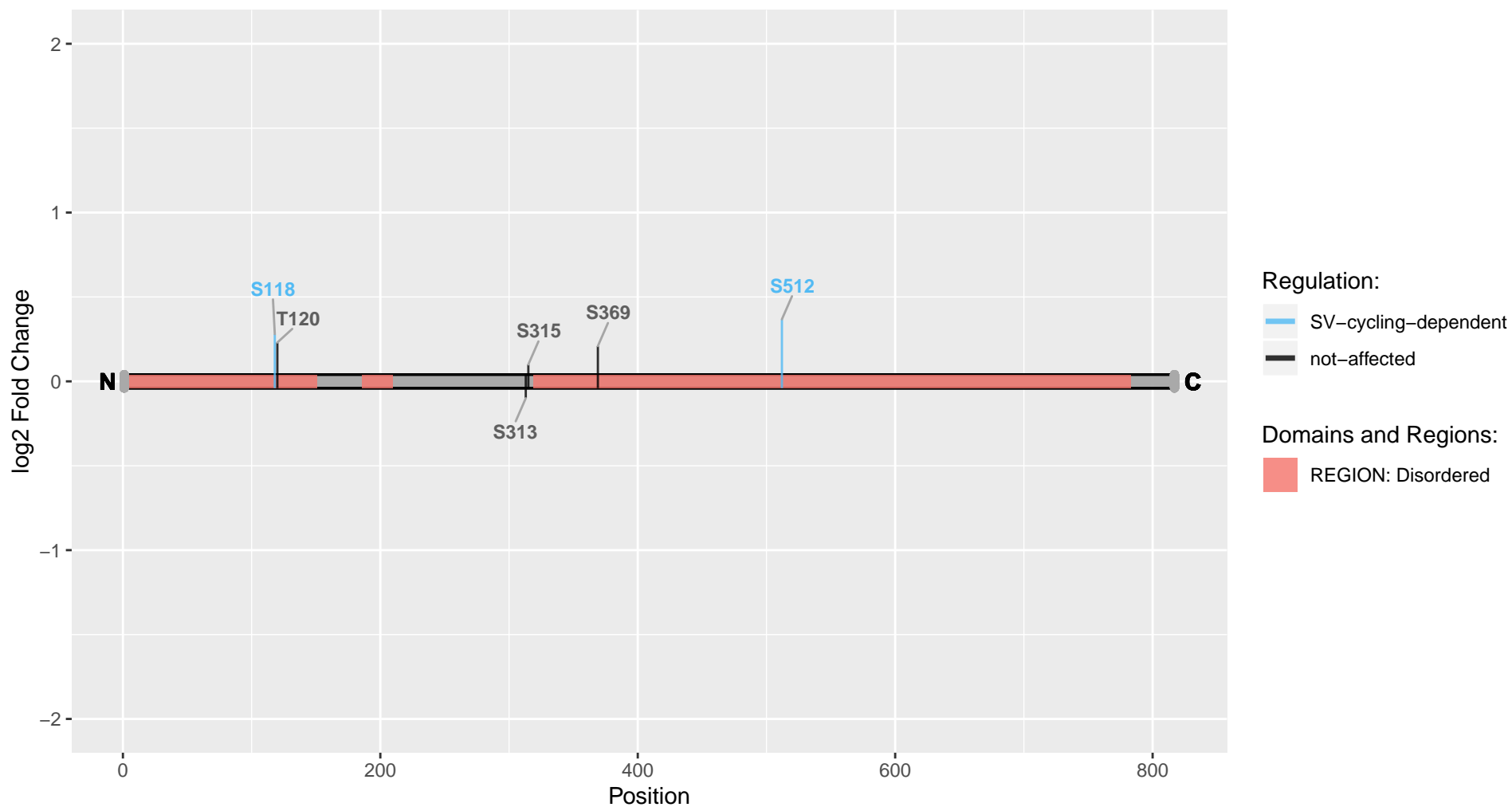
Domains and Regions:

- REGION: 5 X approximate tandem repeat Mc
- REGION: Calmodulin-binding
- REGION: Mn 1
- REGION: Mn 2
- REGION: Mn 3

Map7d1

Uniprot Accession: D4A644

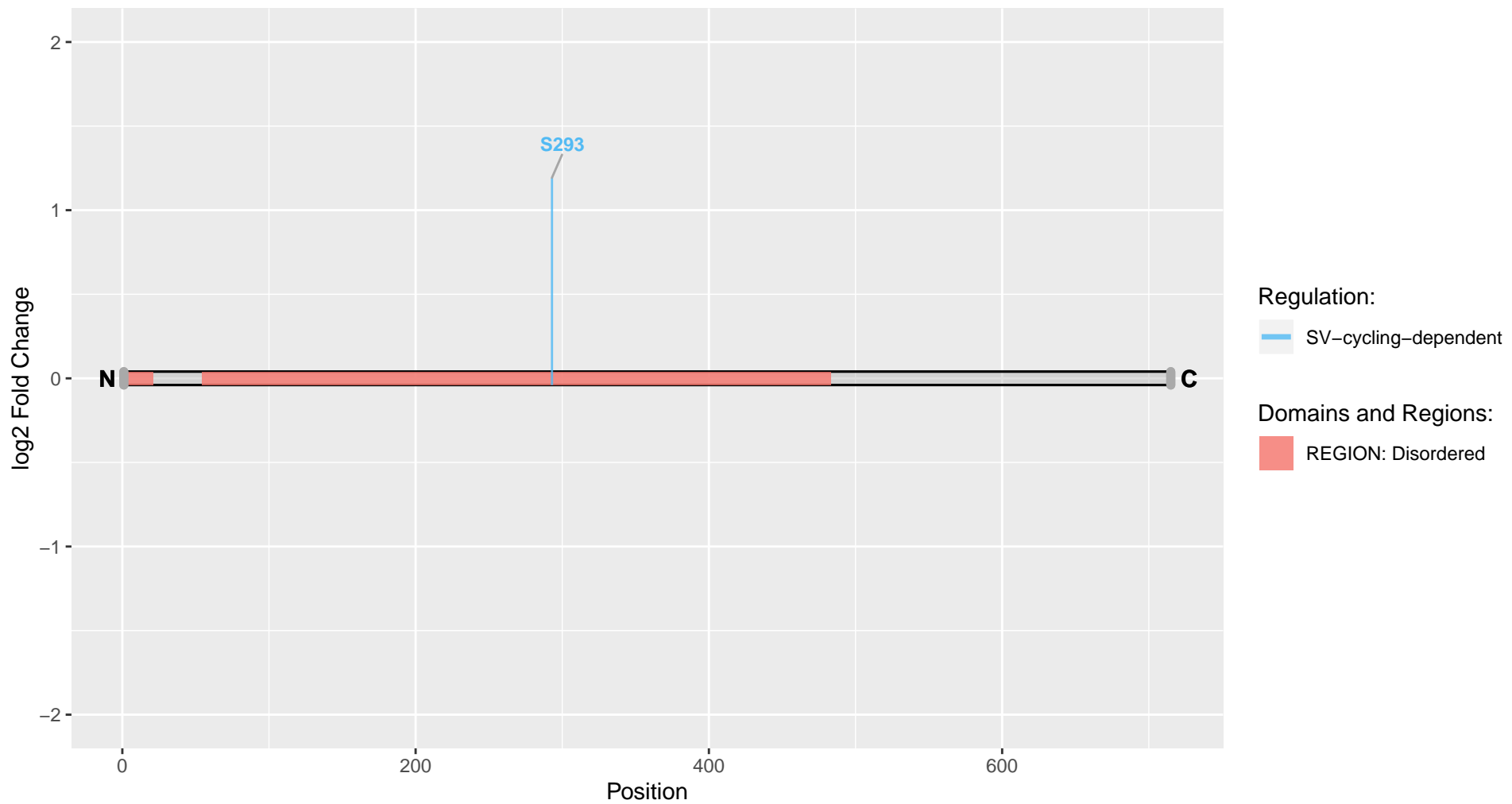
MAP7 domain-containing 1



Map7d2

Uniprot Accession: D4A4L4

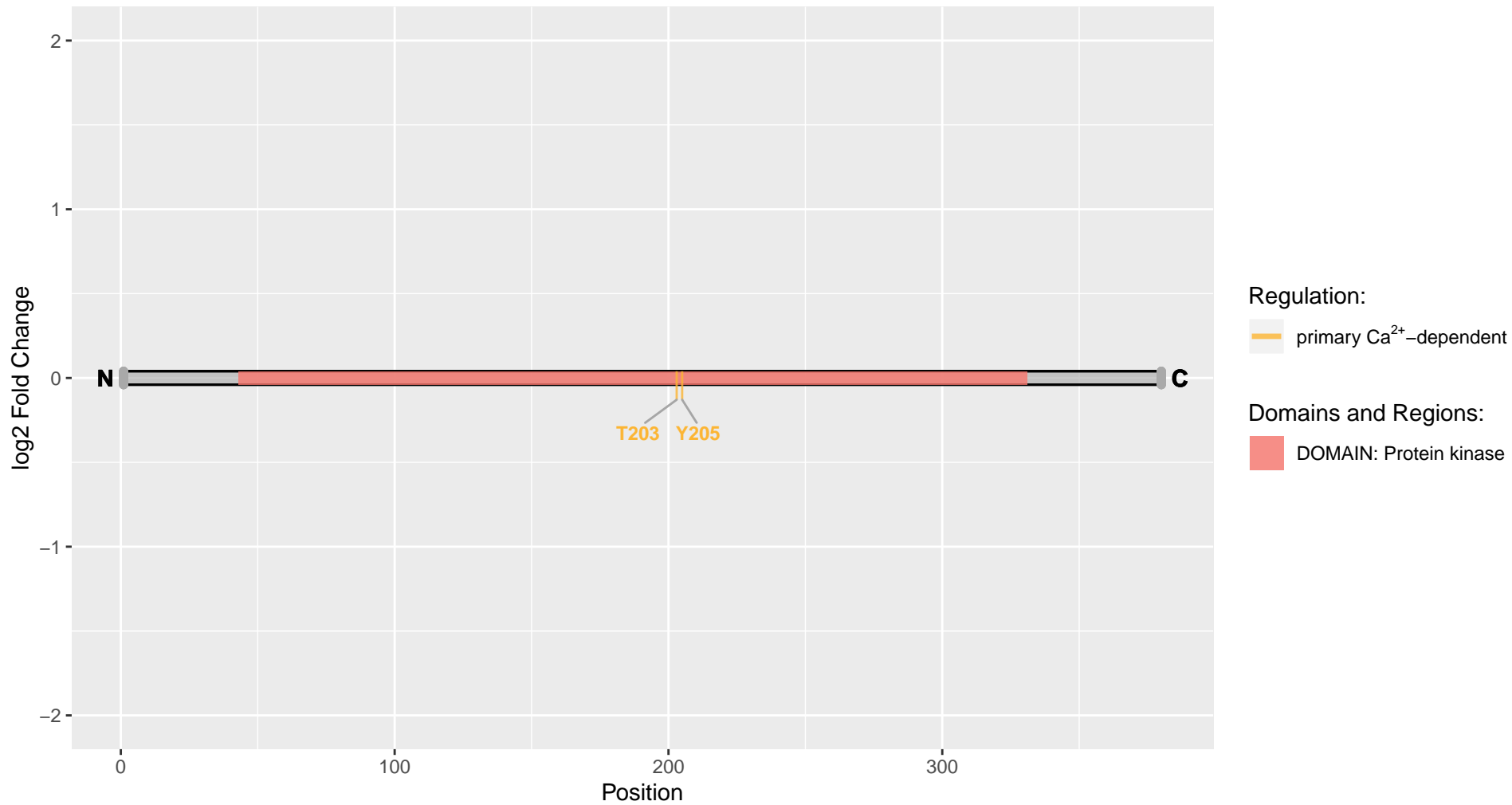
MAP7 domain-containing 2



Mapk3

Uniprot Accession: P21708

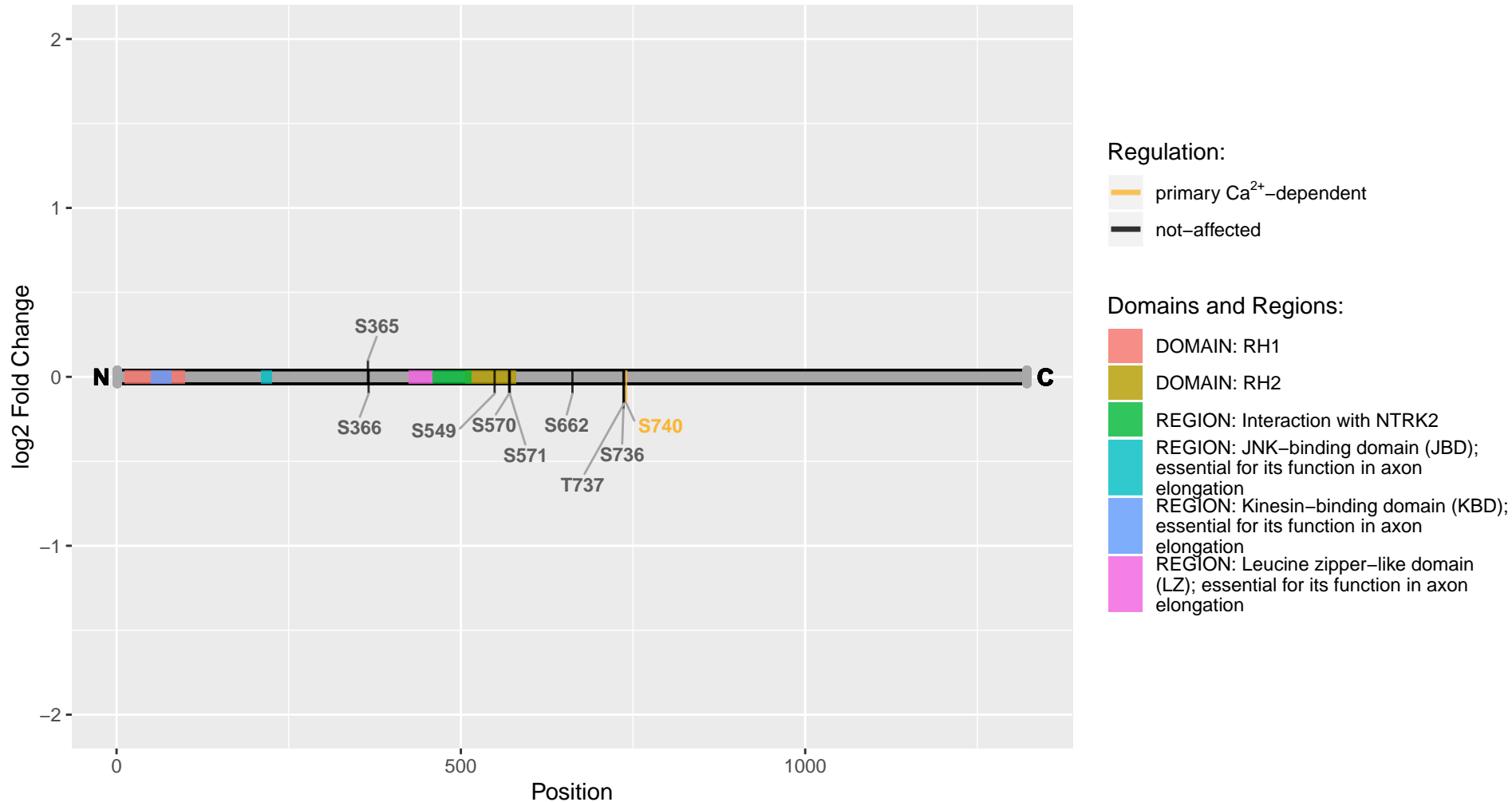
Mitogen-activated protein kinase 3



Mapk8ip3

Uniprot Accession: E9PSK7

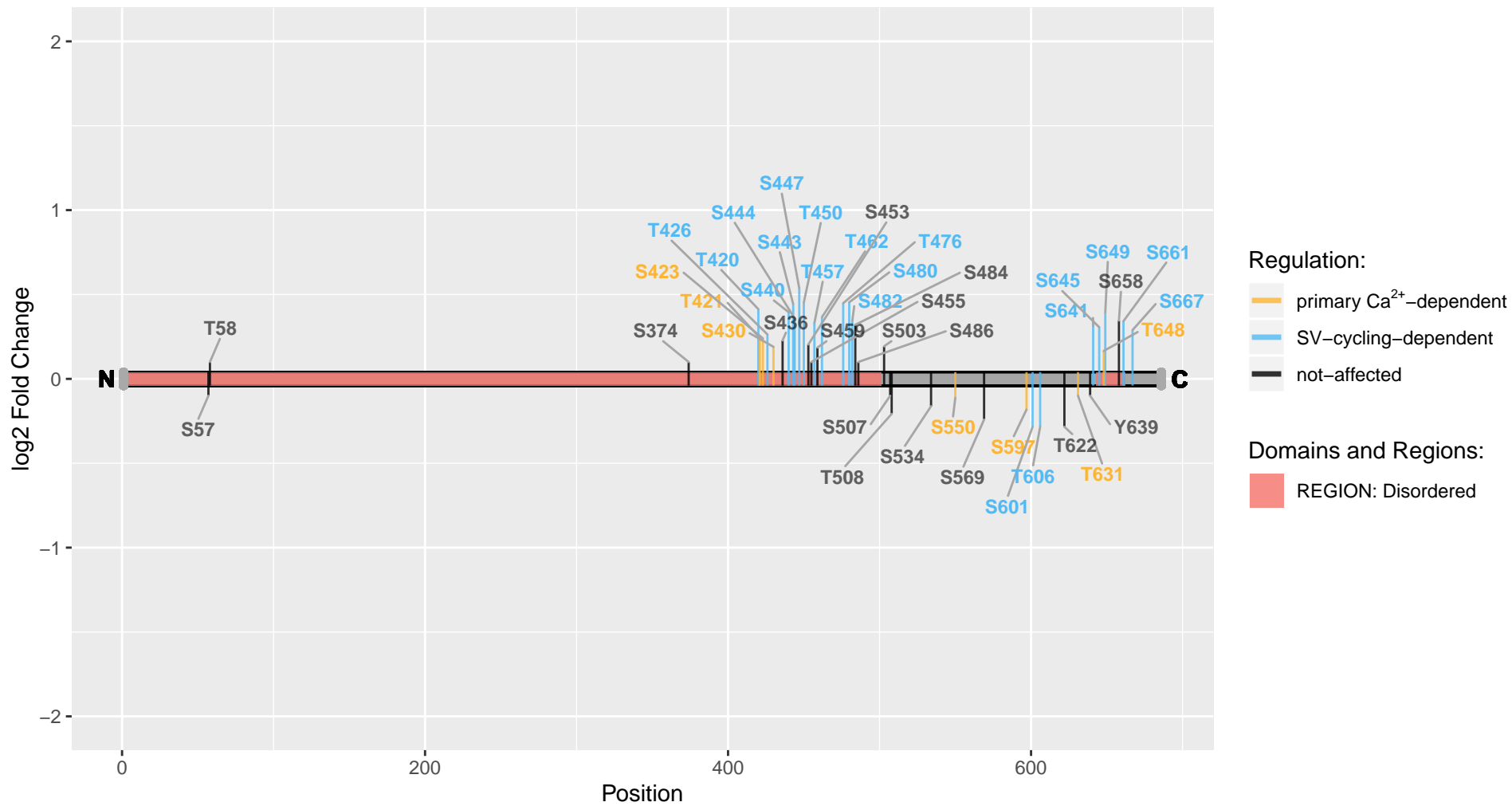
C-Jun-amino-terminal kinase-interacting protein 3



Mapt

Uniprot Accession: D4A1Q2

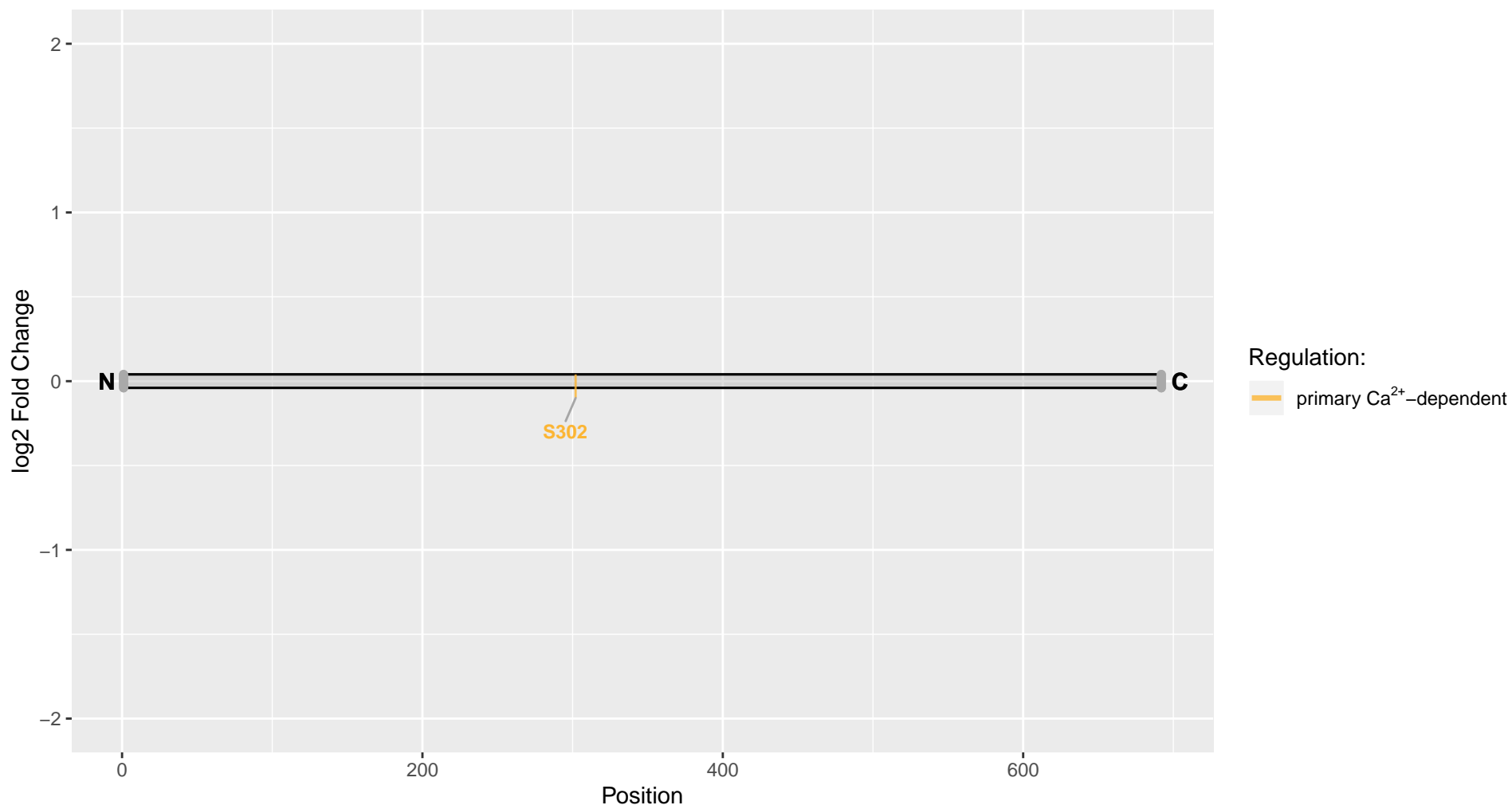
Microtubule-associated protein



March7

Uniprot Accession: Q5XI50

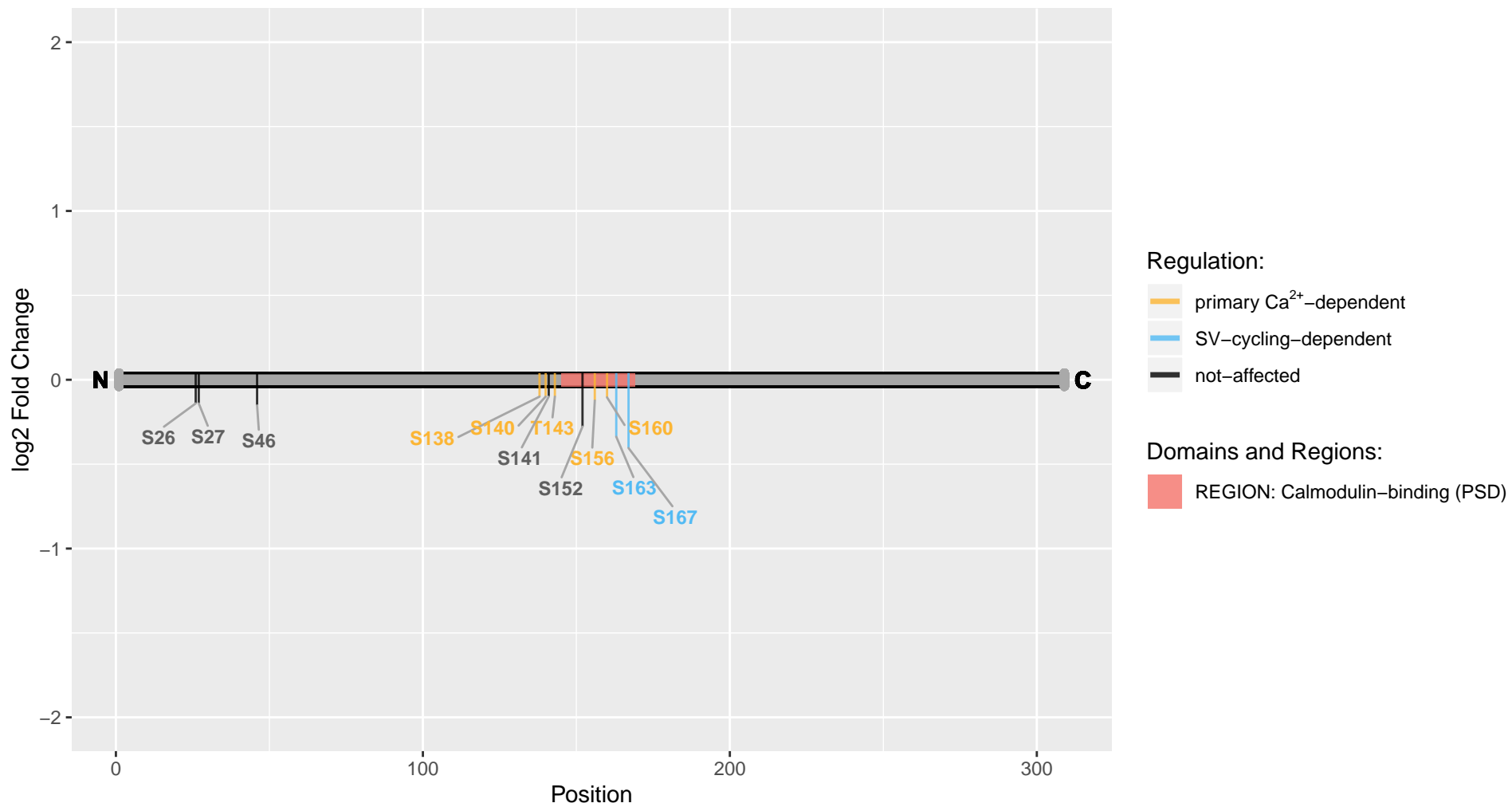
E3 ubiquitin-protein ligase MARCH7



Marcks

Uniprot Accession: P30009

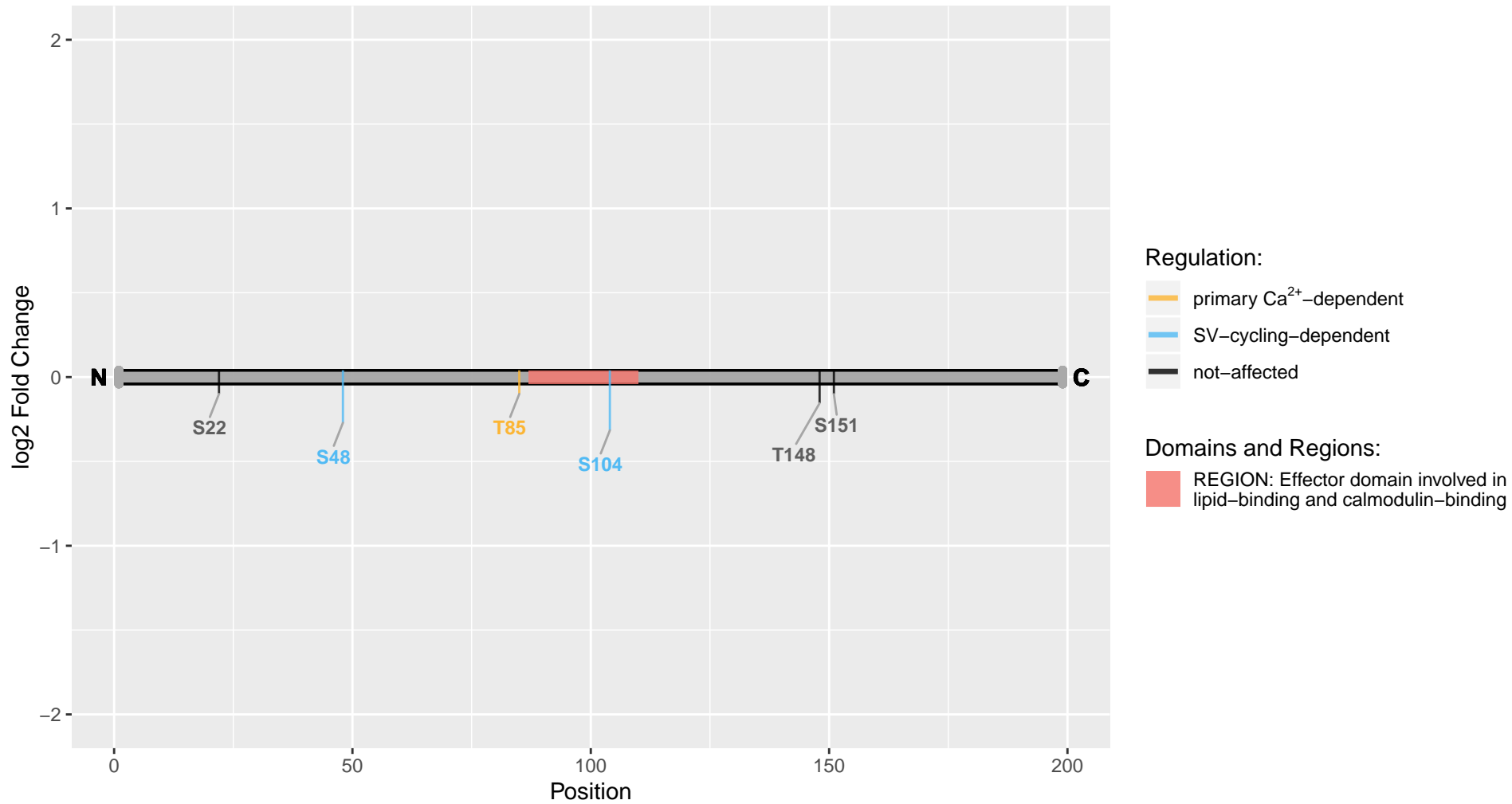
Myristoylated alanine-rich C-kinase substrate



Marcks11

Uniprot Accession: Q9EPH2

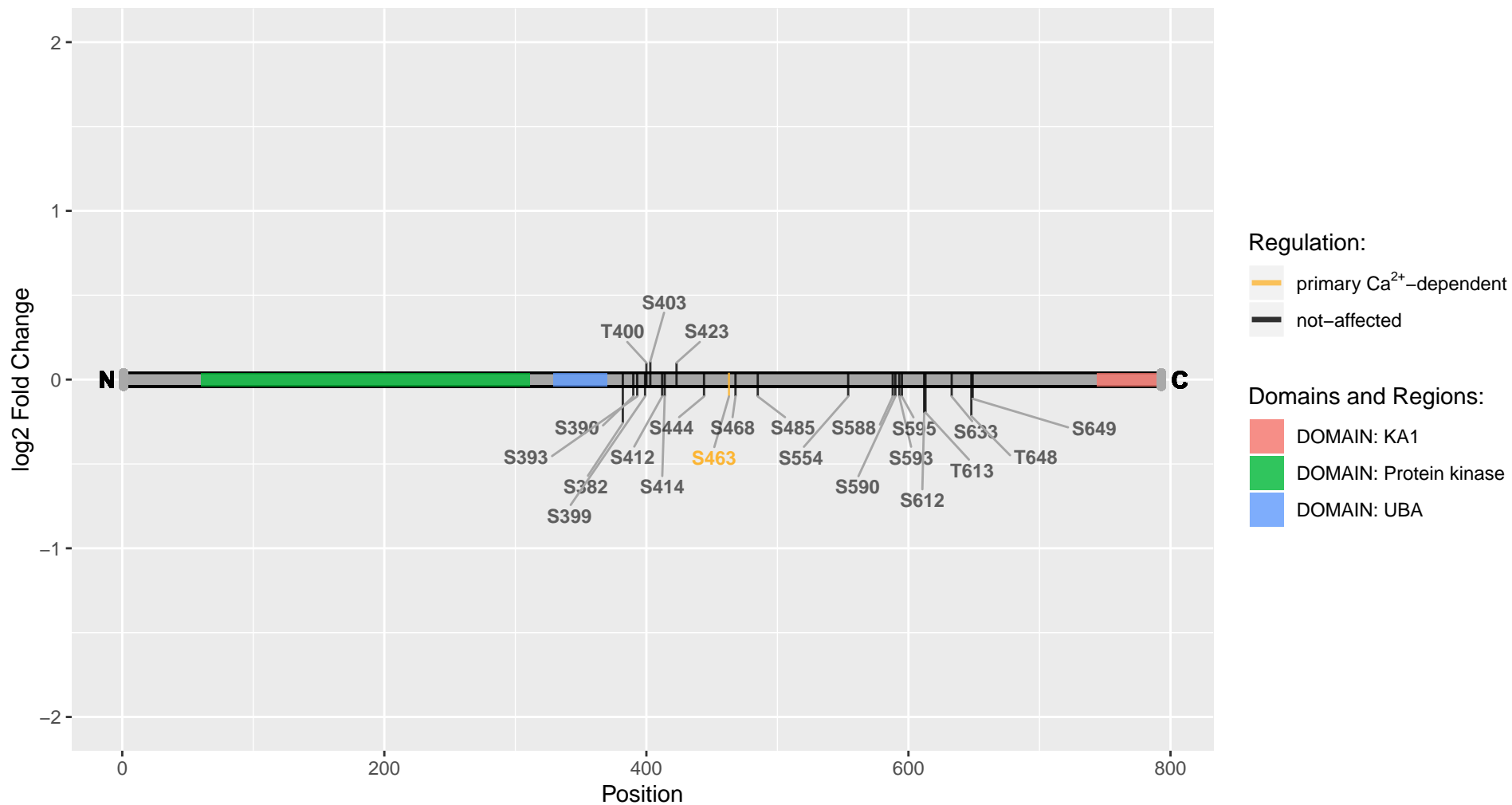
MARCKS-related protein



Mark1

Uniprot Accession: O08678

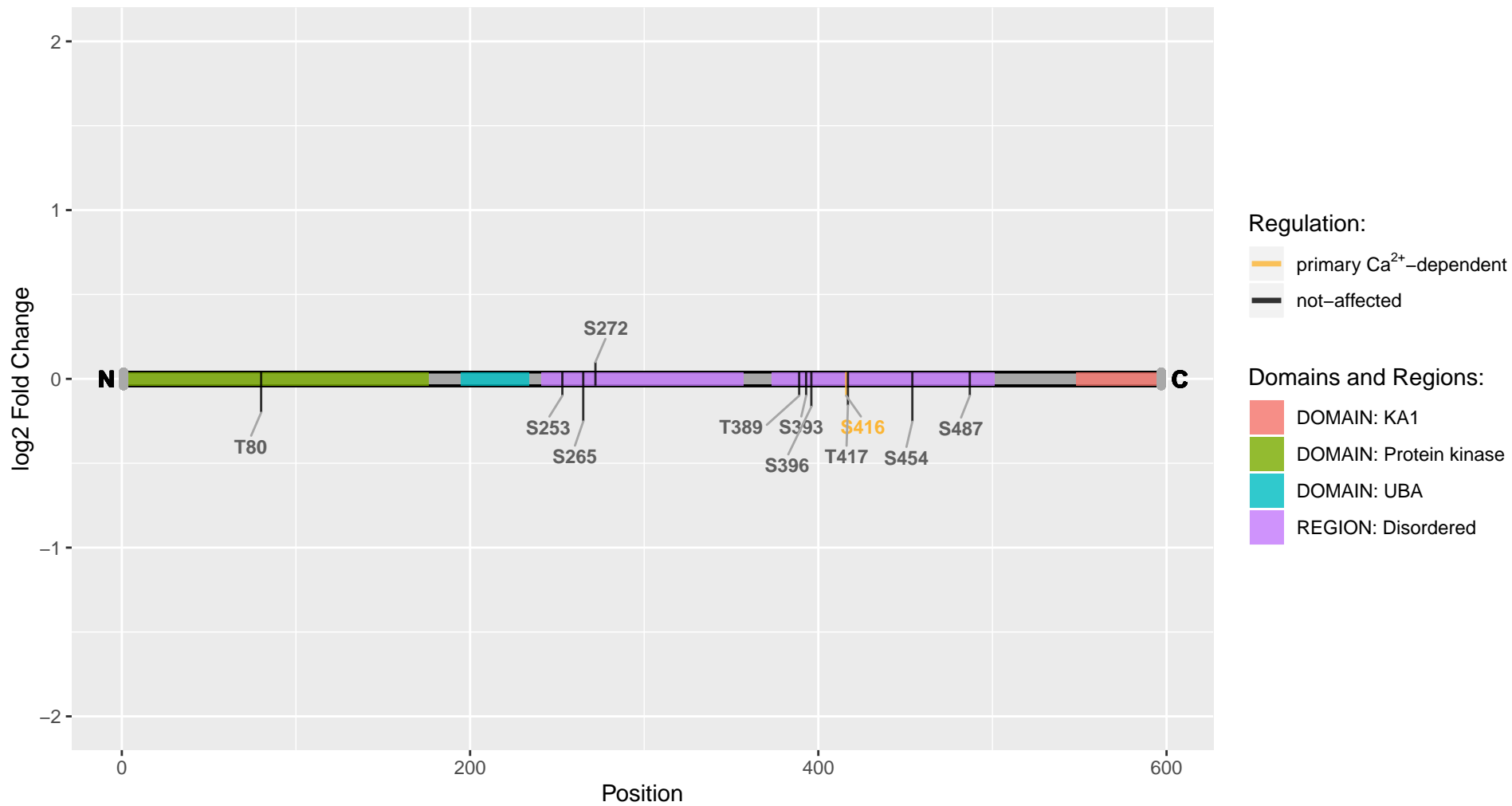
Serine/threonine-protein kinase MARK1



Mark3

Uniprot Accession: A0A1B0GWN5

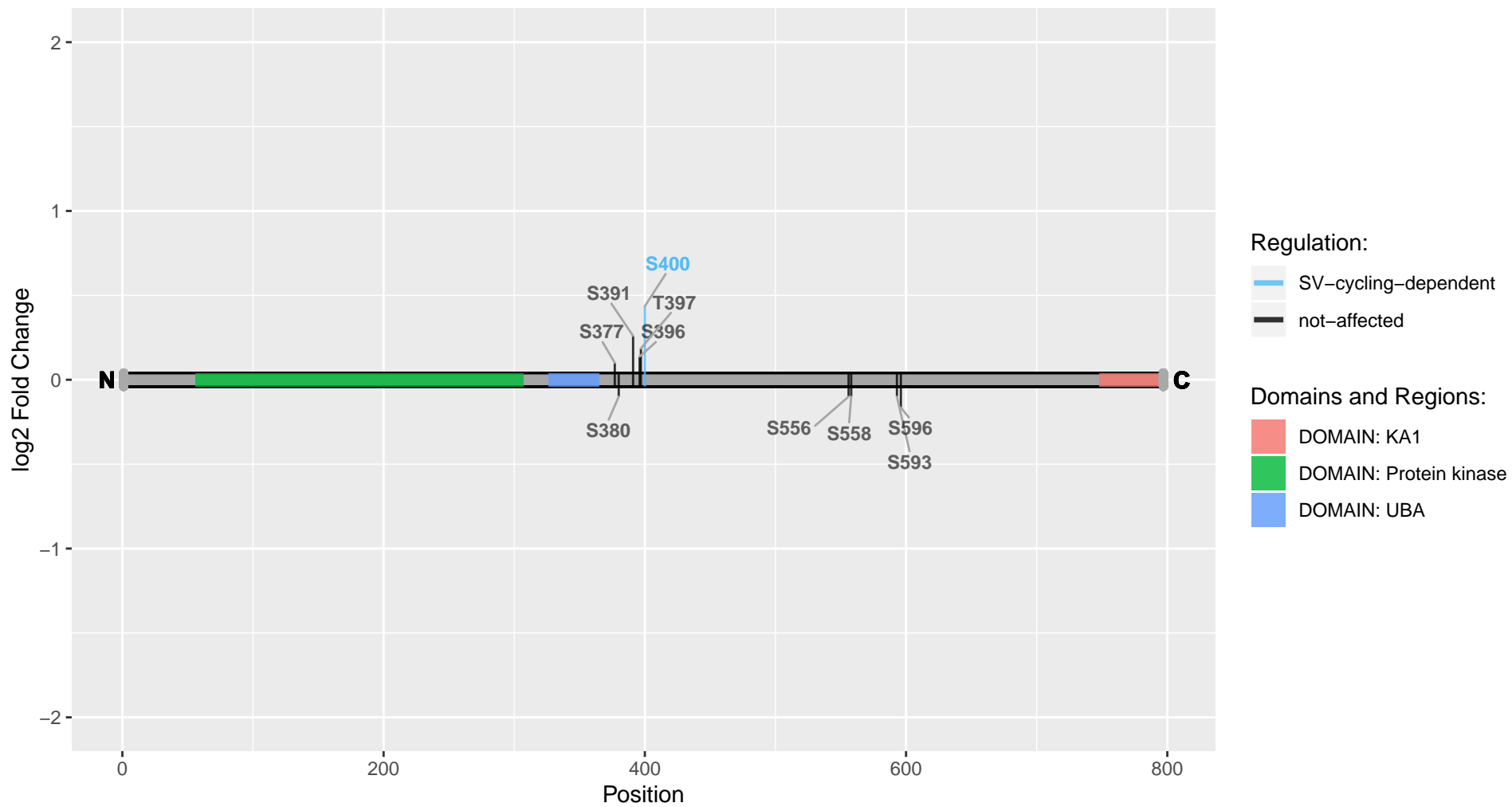
Non-specific serine/threonine protein kinase (Fragment)



Mark3

Uniprot Accession: Q8VHF0

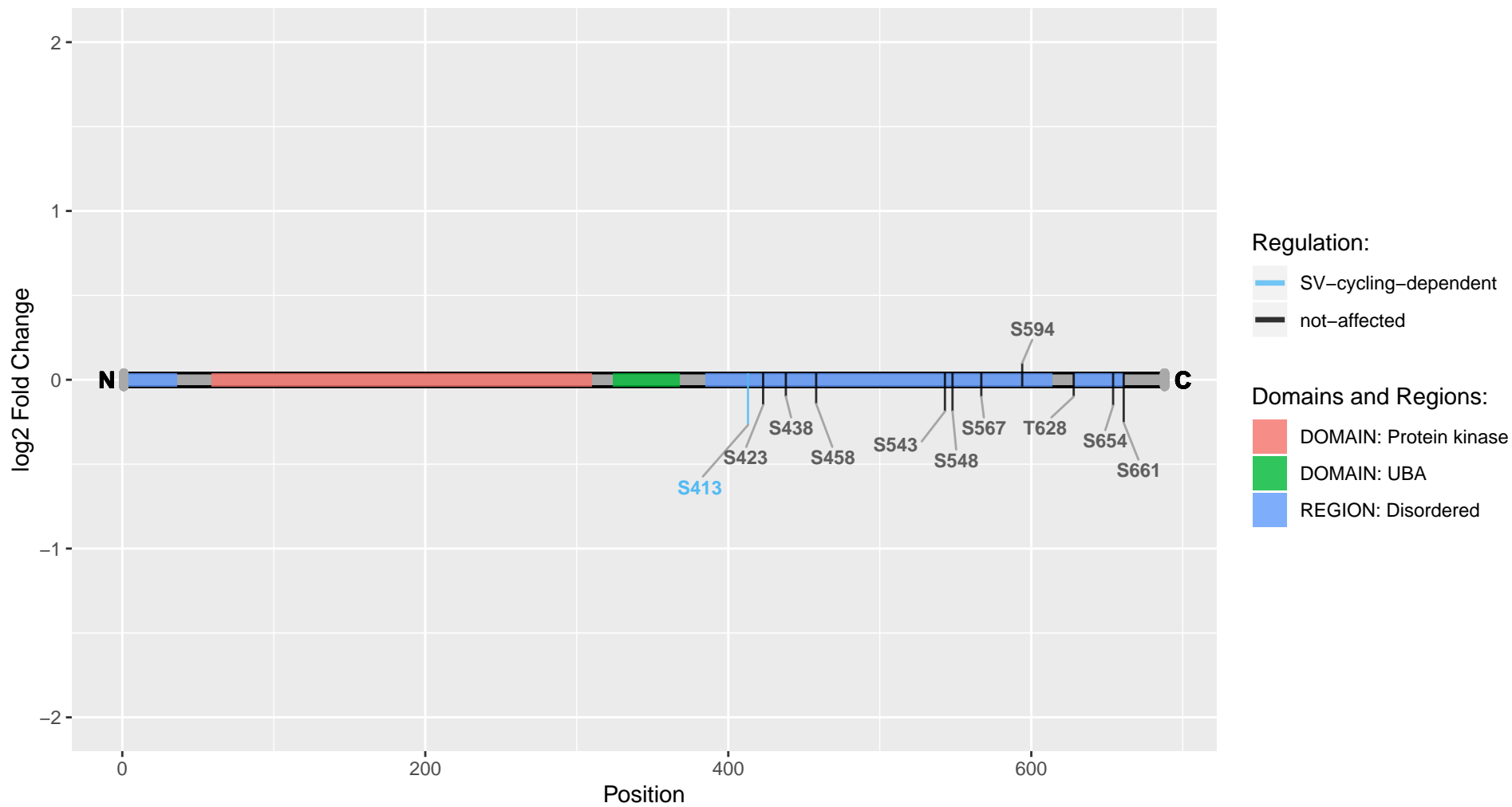
MAP/microtubule affinity-regulating kinase 3



Mark4

Uniprot Accession: A0A0G2JTD8

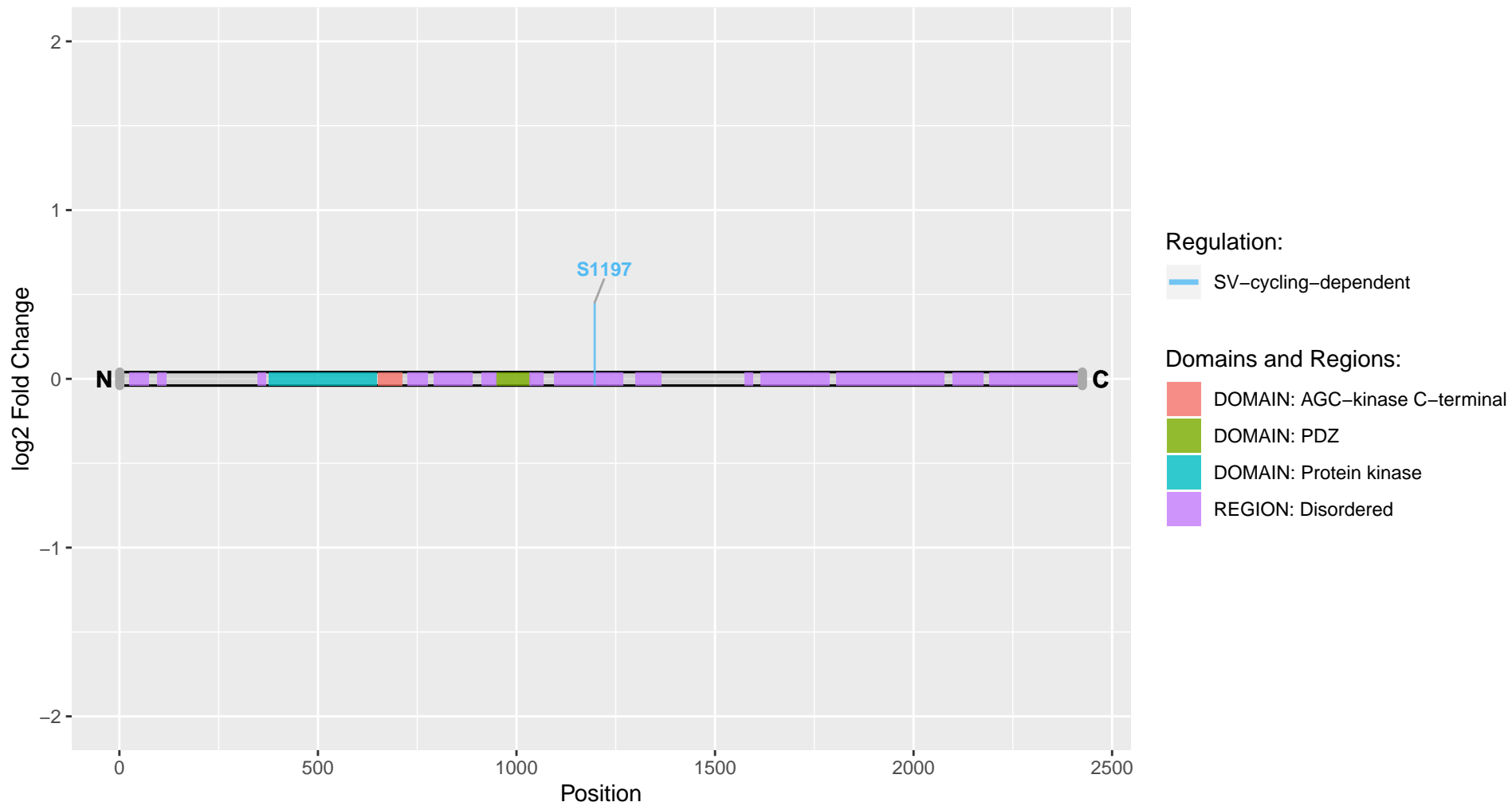
Microtubule affinity-regulating kinase 4



Mast4

Uniprot Accession: M0R3L1

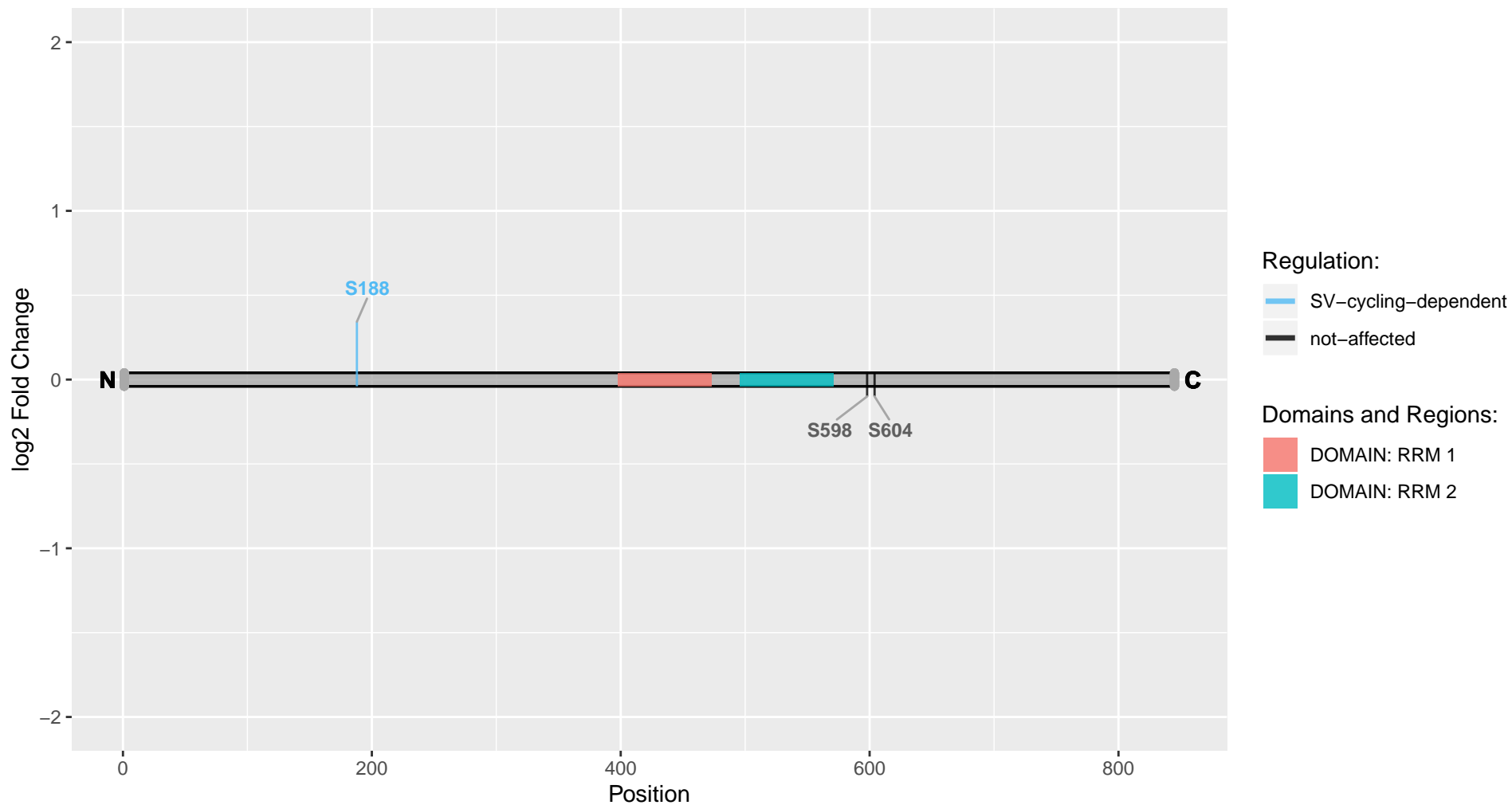
Microtubule-associated serine/threonine kinase family member 4



Matr3

Uniprot Accession: P43244

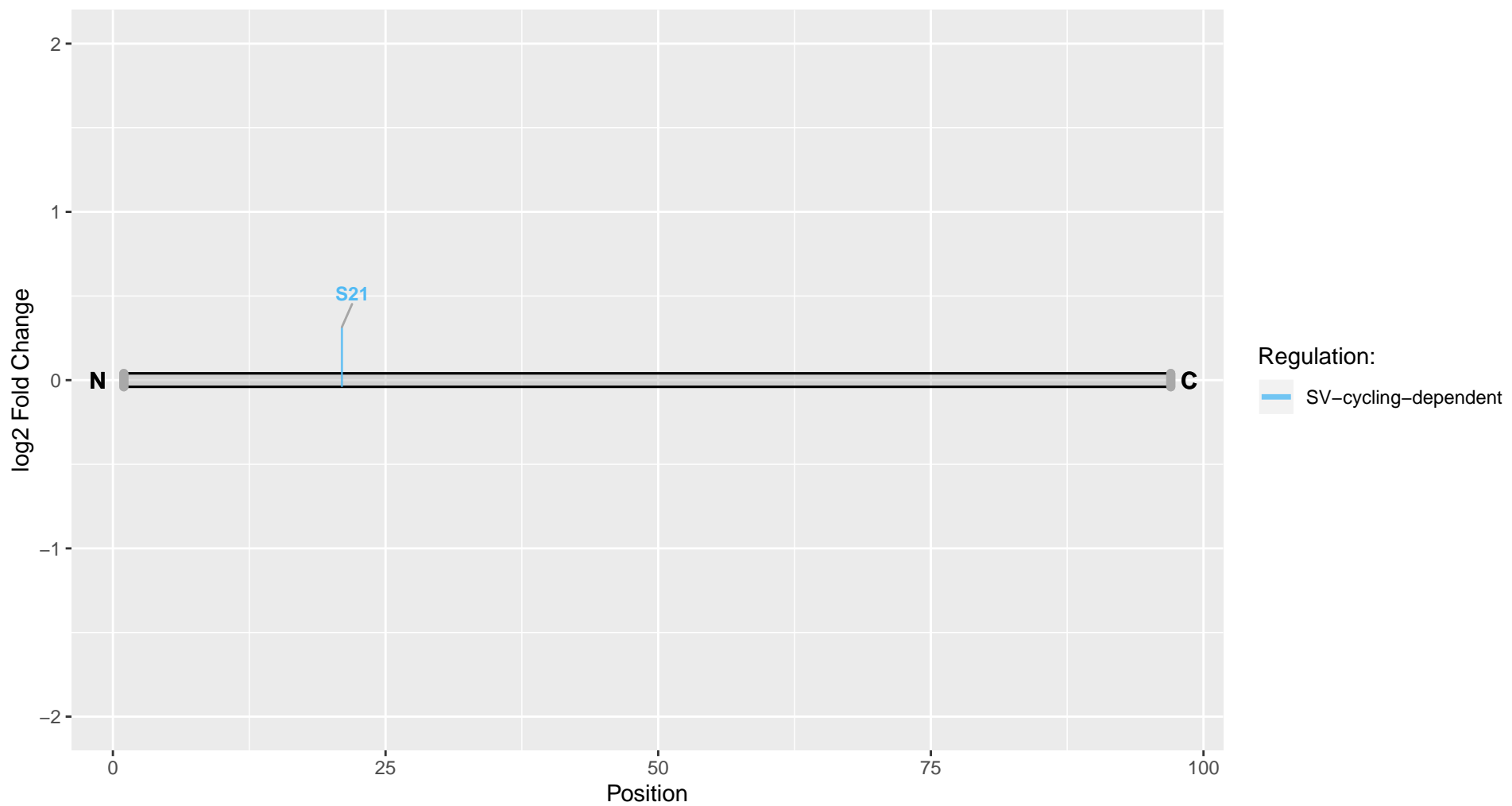
Matrin-3



Mcrip1

Uniprot Accession: B0BN72

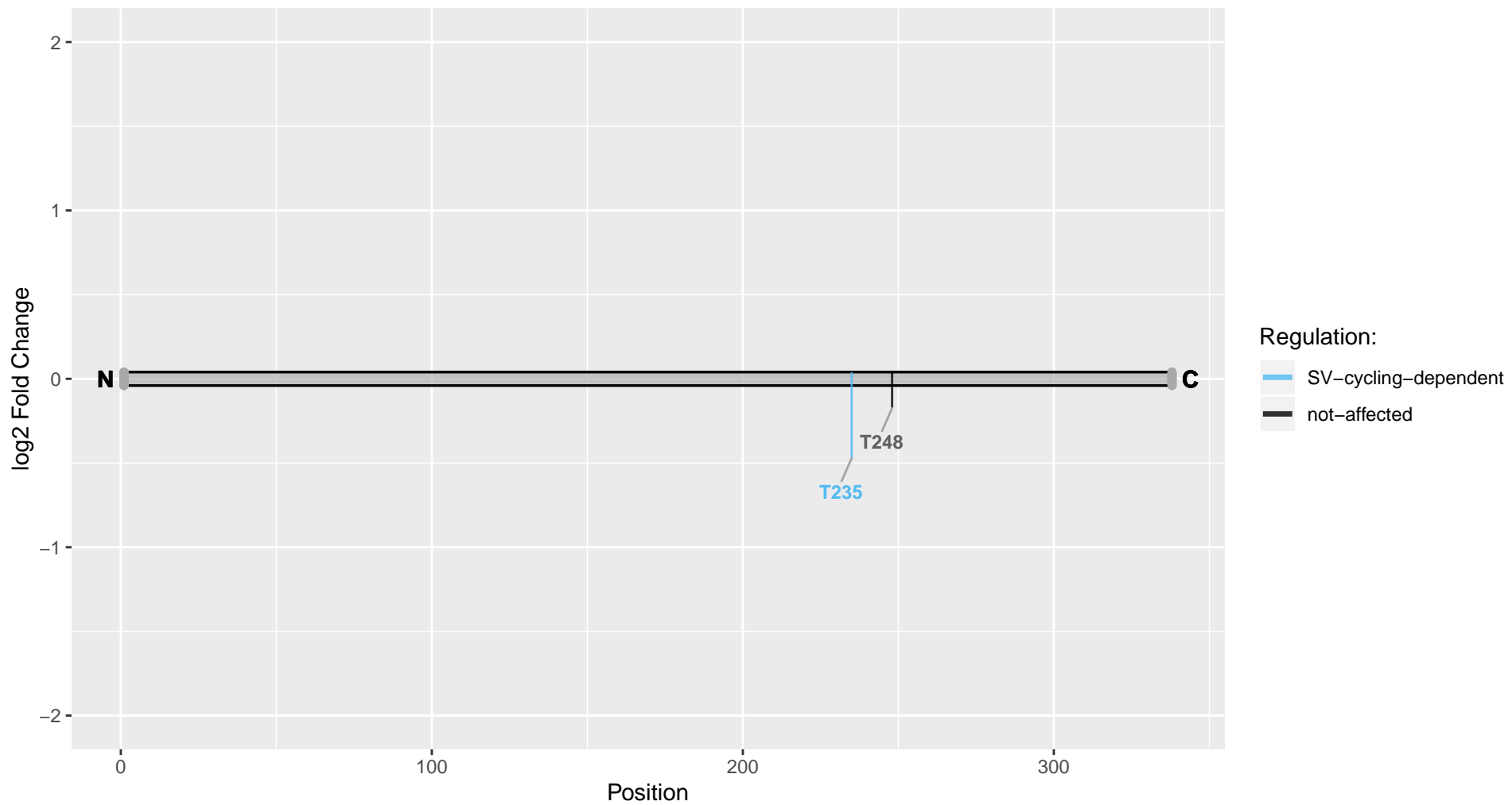
Mapk-regulated corepressor-interacting protein 1



Mdh2

Uniprot Accession: P04636

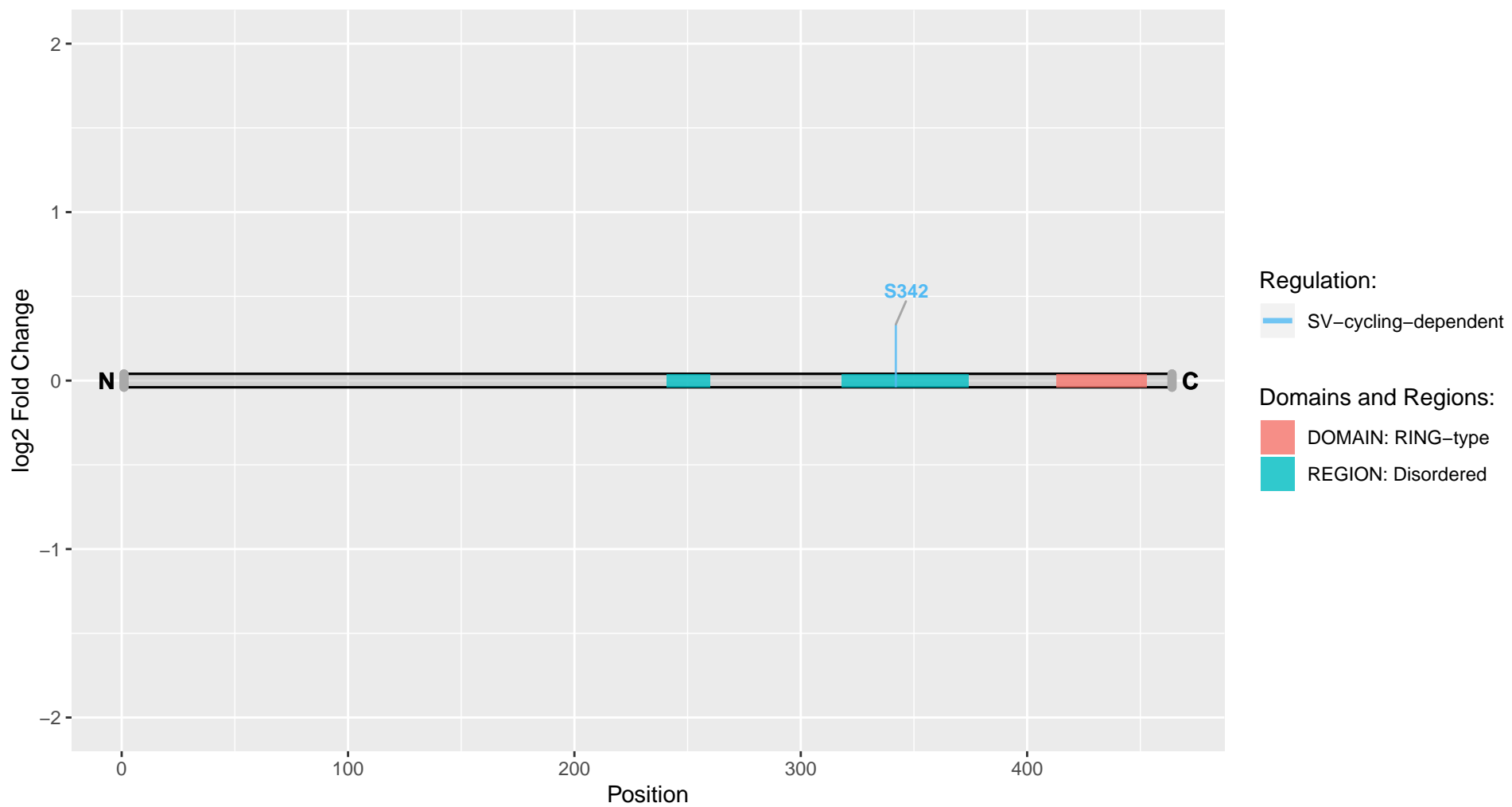
Malate dehydrogenase, mitochondrial



Mex3c

Uniprot Accession: D4A2R5

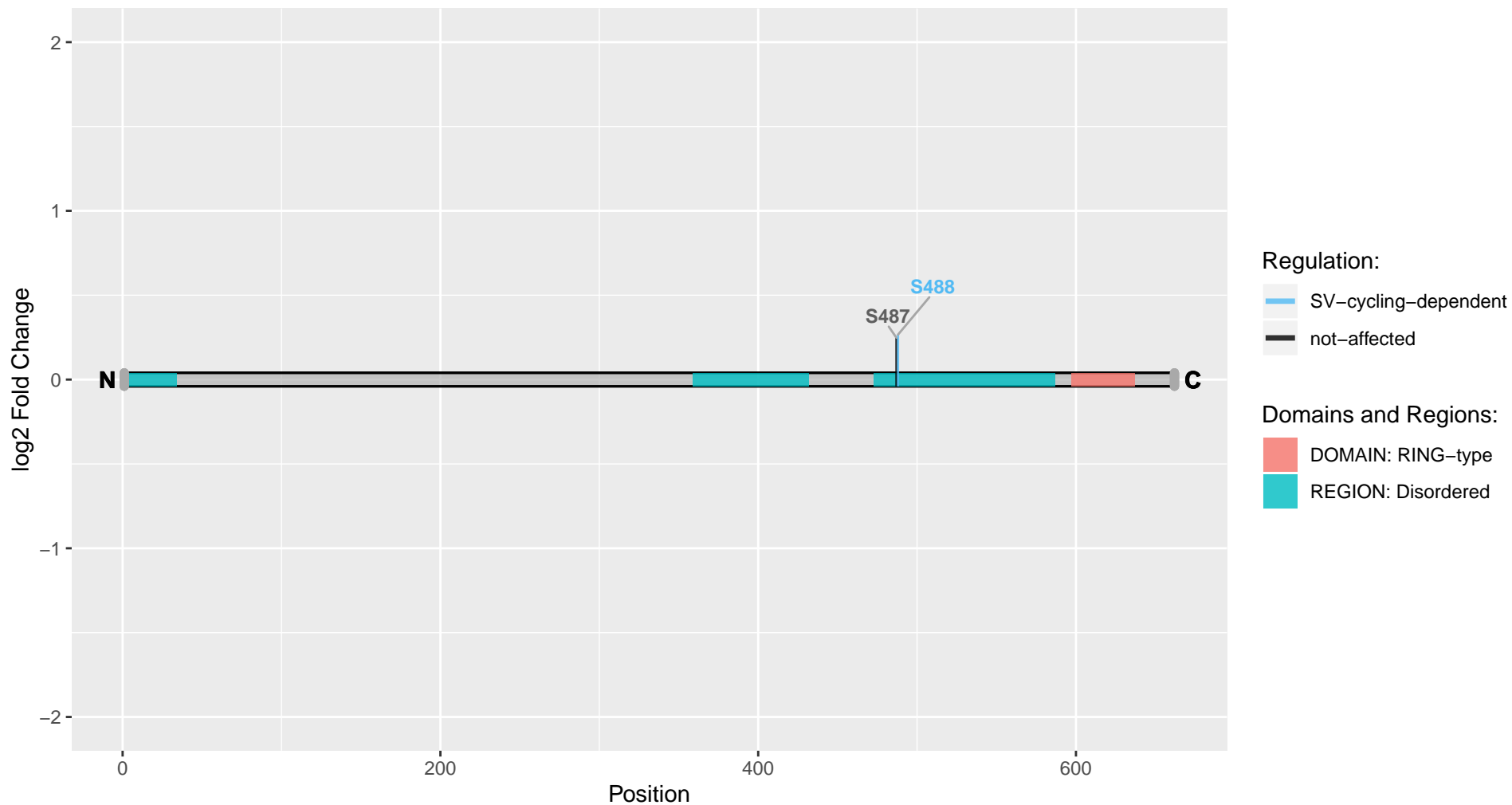
Mex-3 RNA-binding family member C



Mex3d

Uniprot Accession: F1M5V7

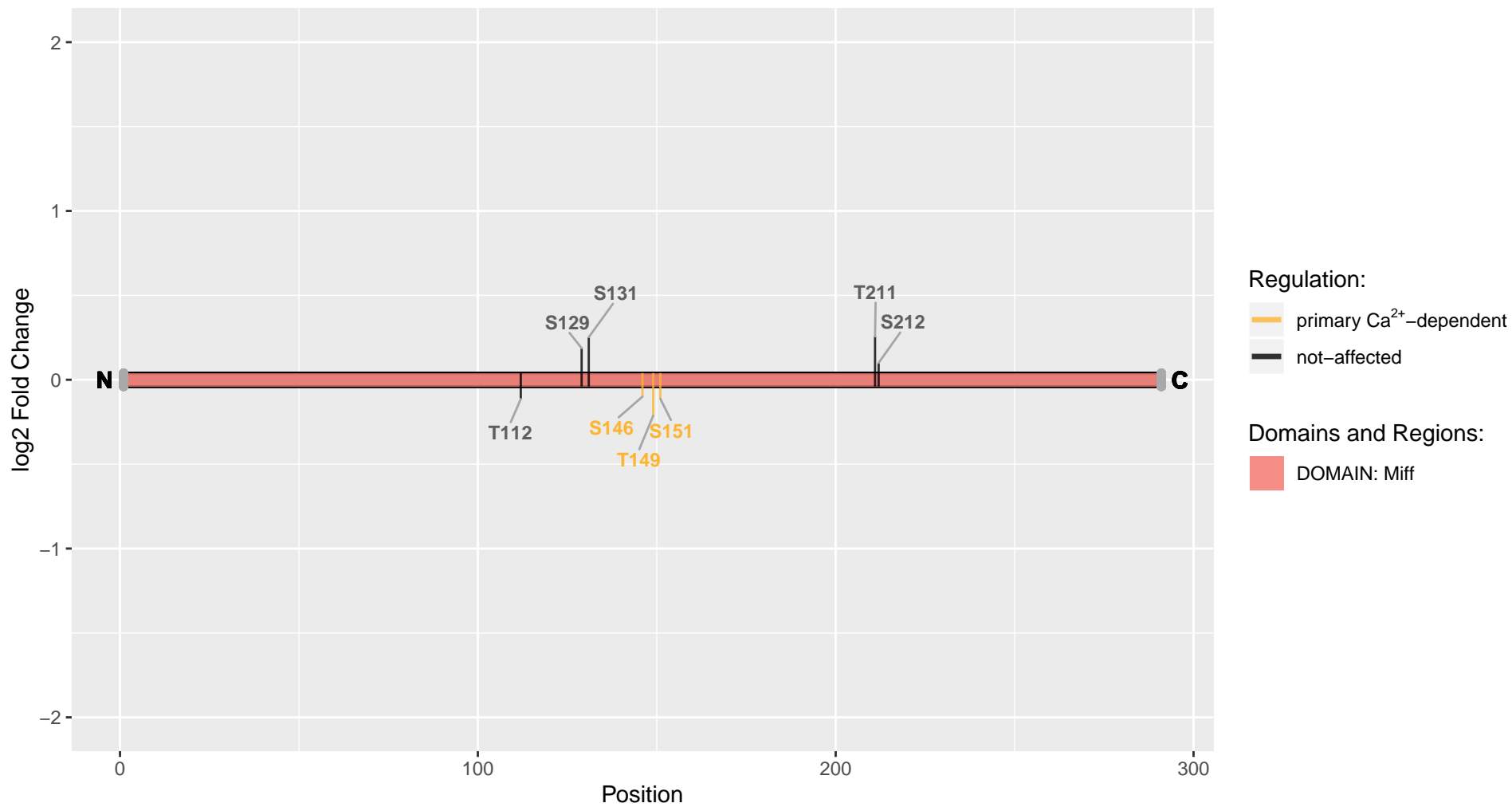
Mex-3 RNA-binding family member D



Mff

Uniprot Accession: A0A0G2KAL9

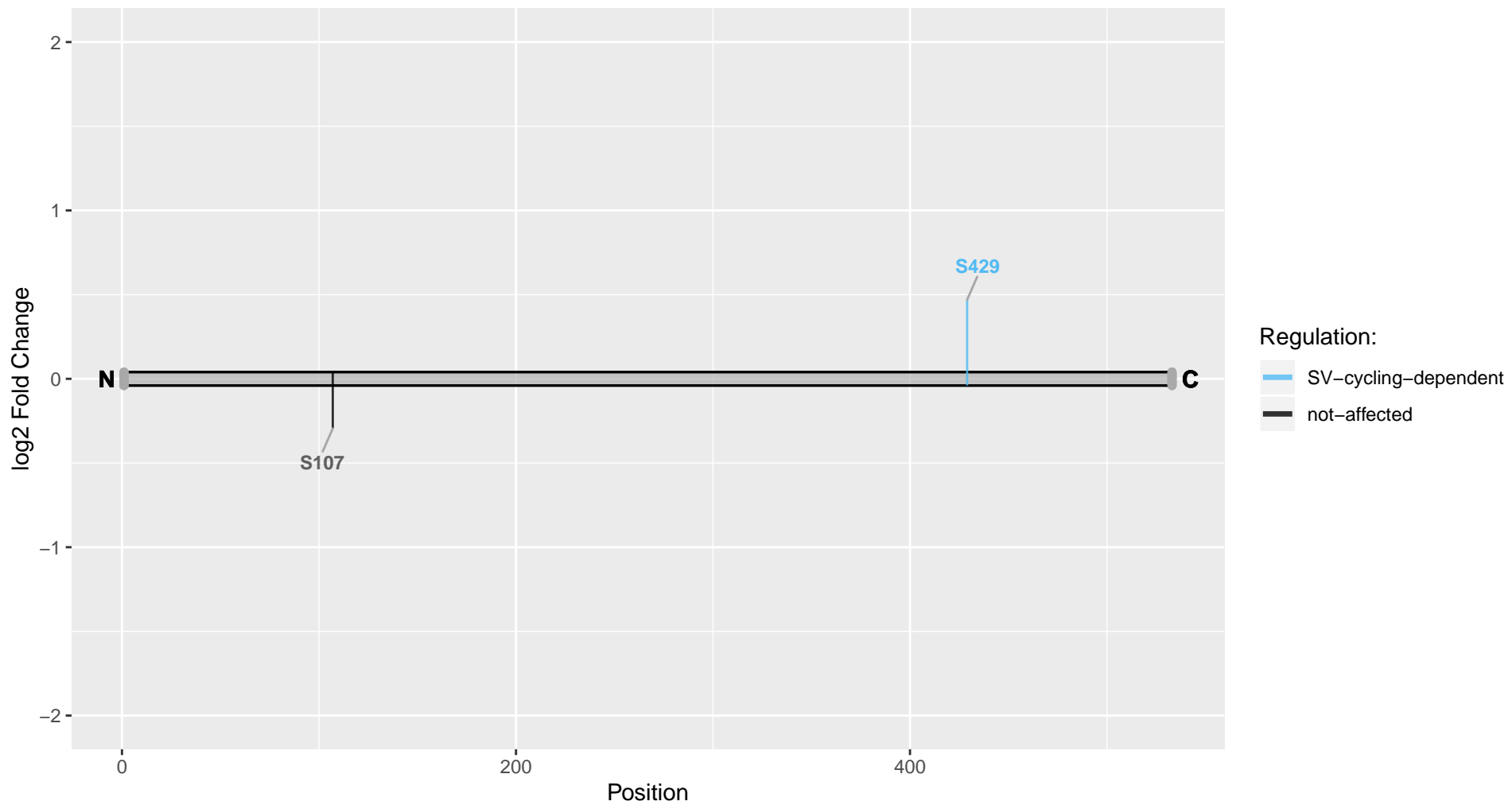
Mitochondrial fission factor



Mgrn1

Uniprot Accession: Q5XIQ4

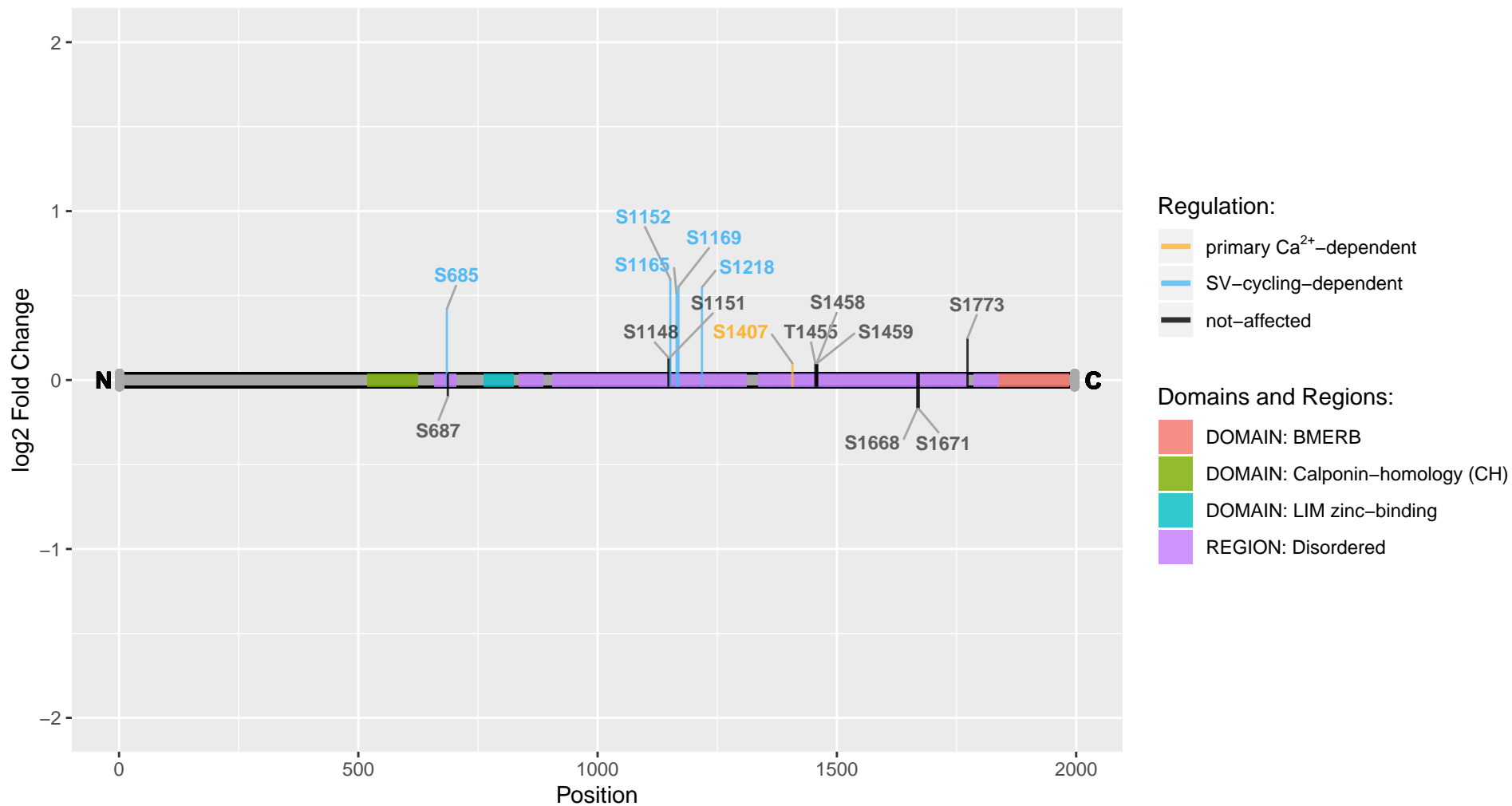
E3 ubiquitin-protein ligase MGRN1



Mical3

Uniprot Accession: D3ZGN7

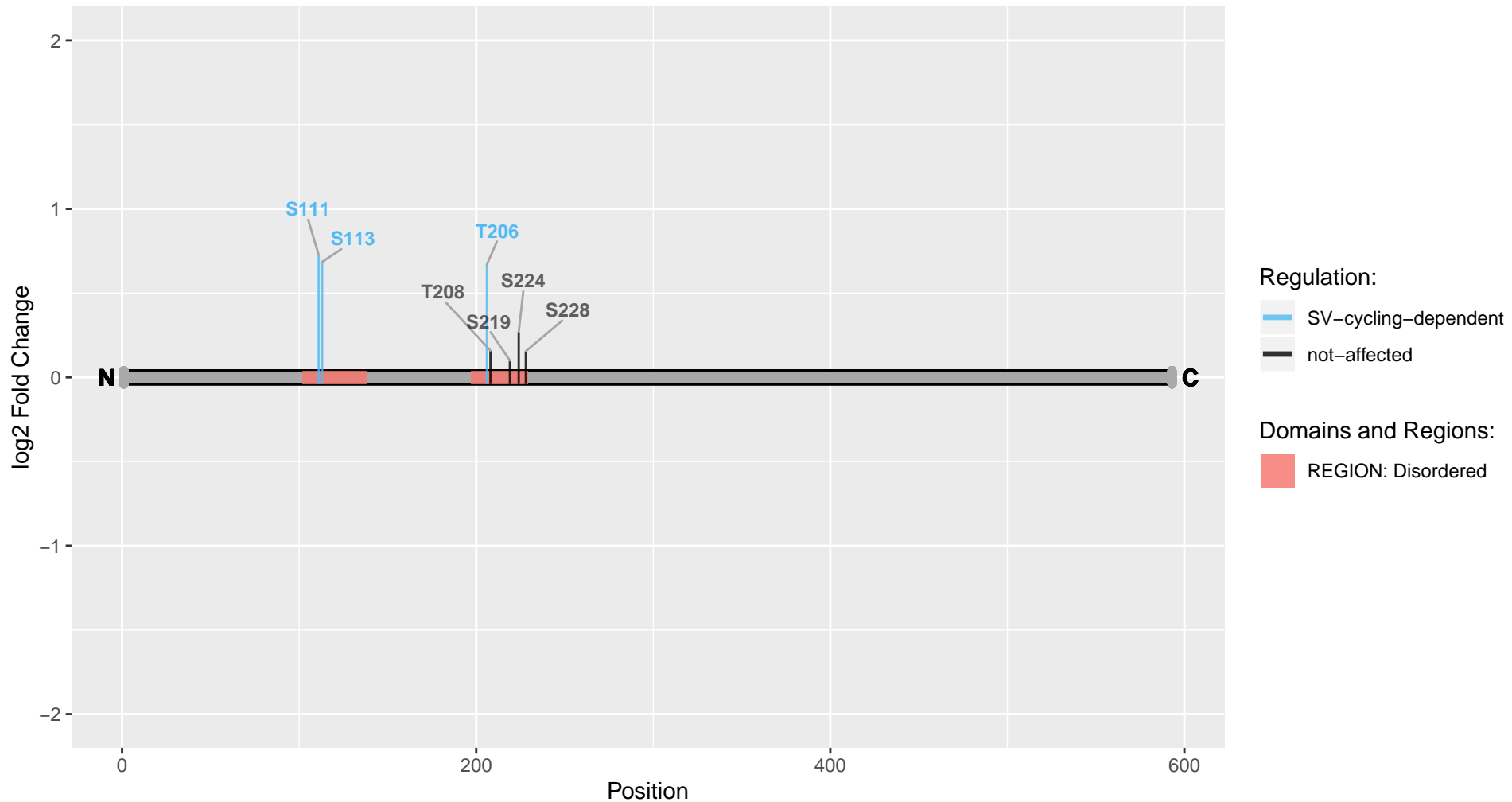
Microtubule-associated monooxygenase, calponin and LIM domain-containing 3



Miga2

Uniprot Accession: A0A0G2KAE6

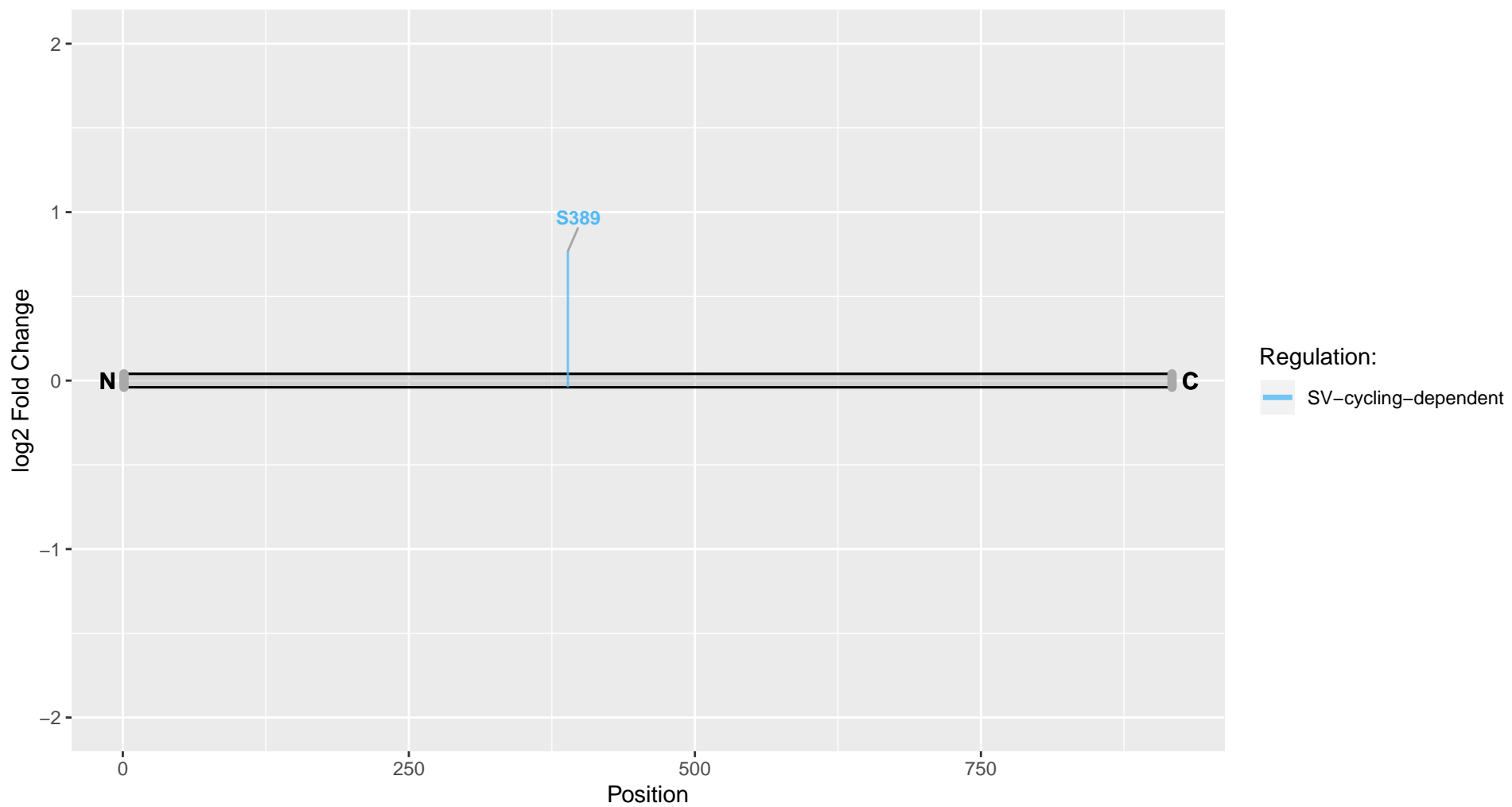
Mitoguardin 2



Minar1

Uniprot Accession: D3ZJ47

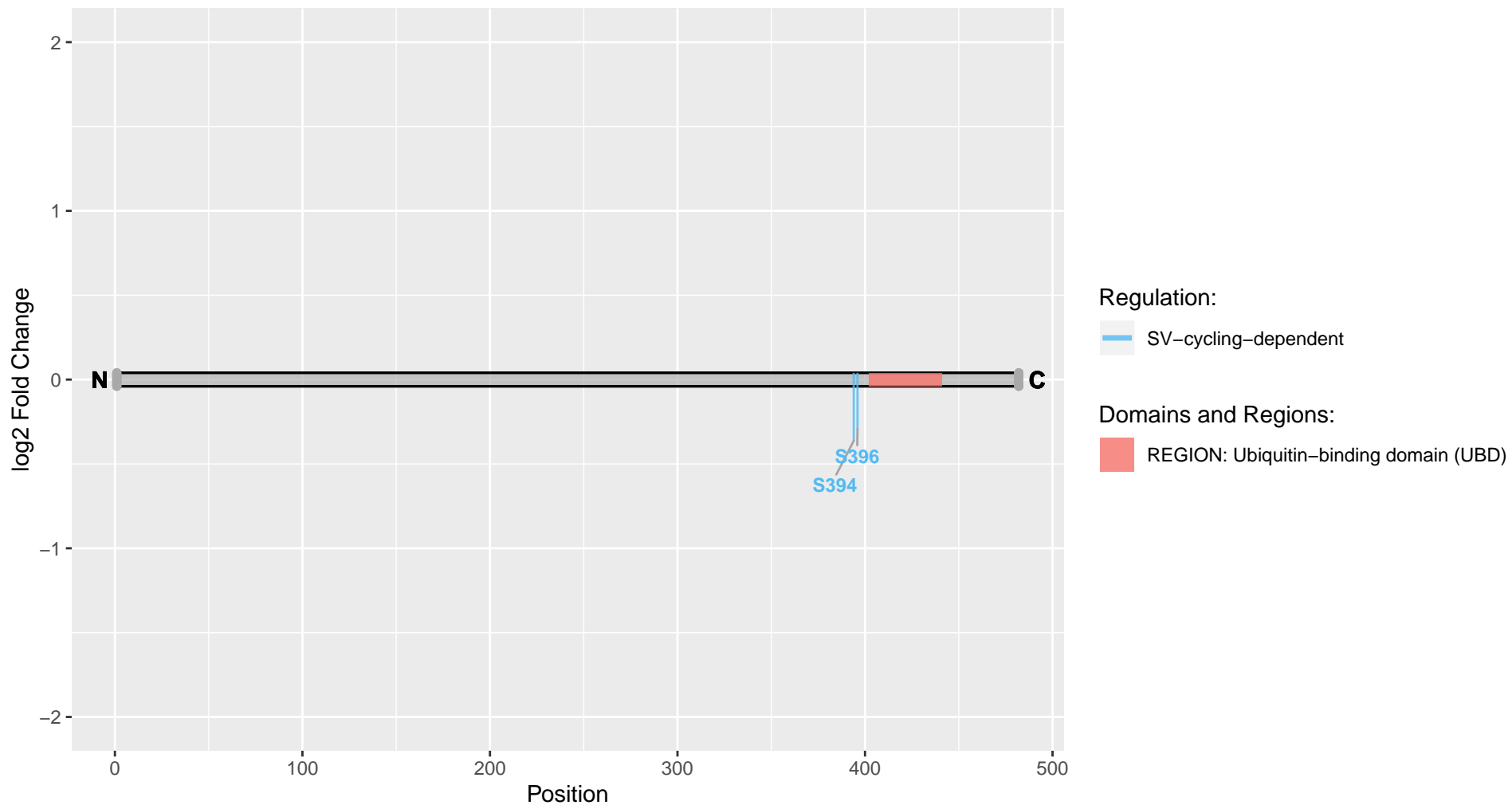
Major intrinsically disordered Notch2-binding receptor 1



Mindy1

Uniprot Accession: Q5BJQ2

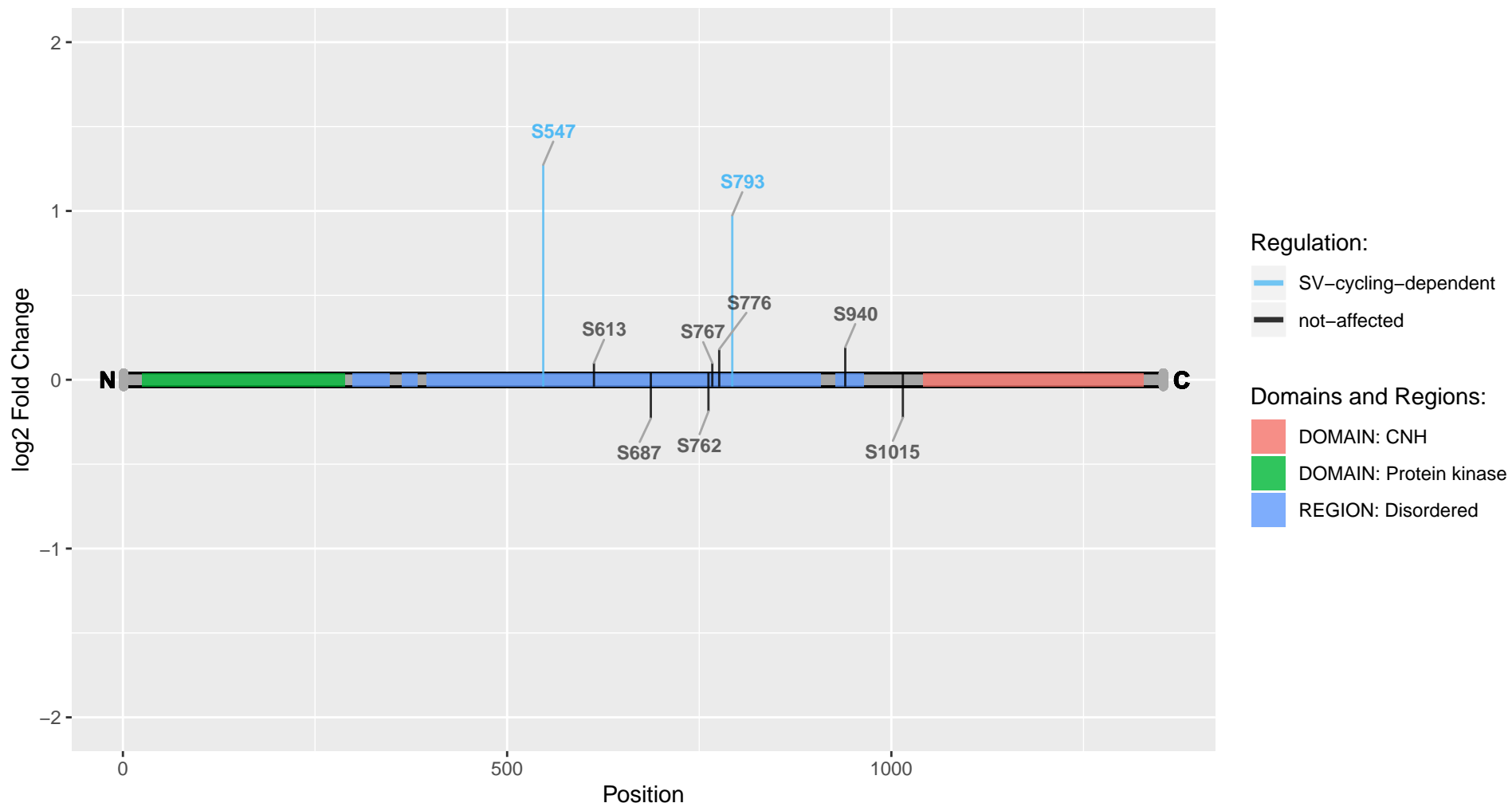
Ubiquitin carboxyl-terminal hydrolase MINDY-1



Mink1

Uniprot Accession: F1LN69

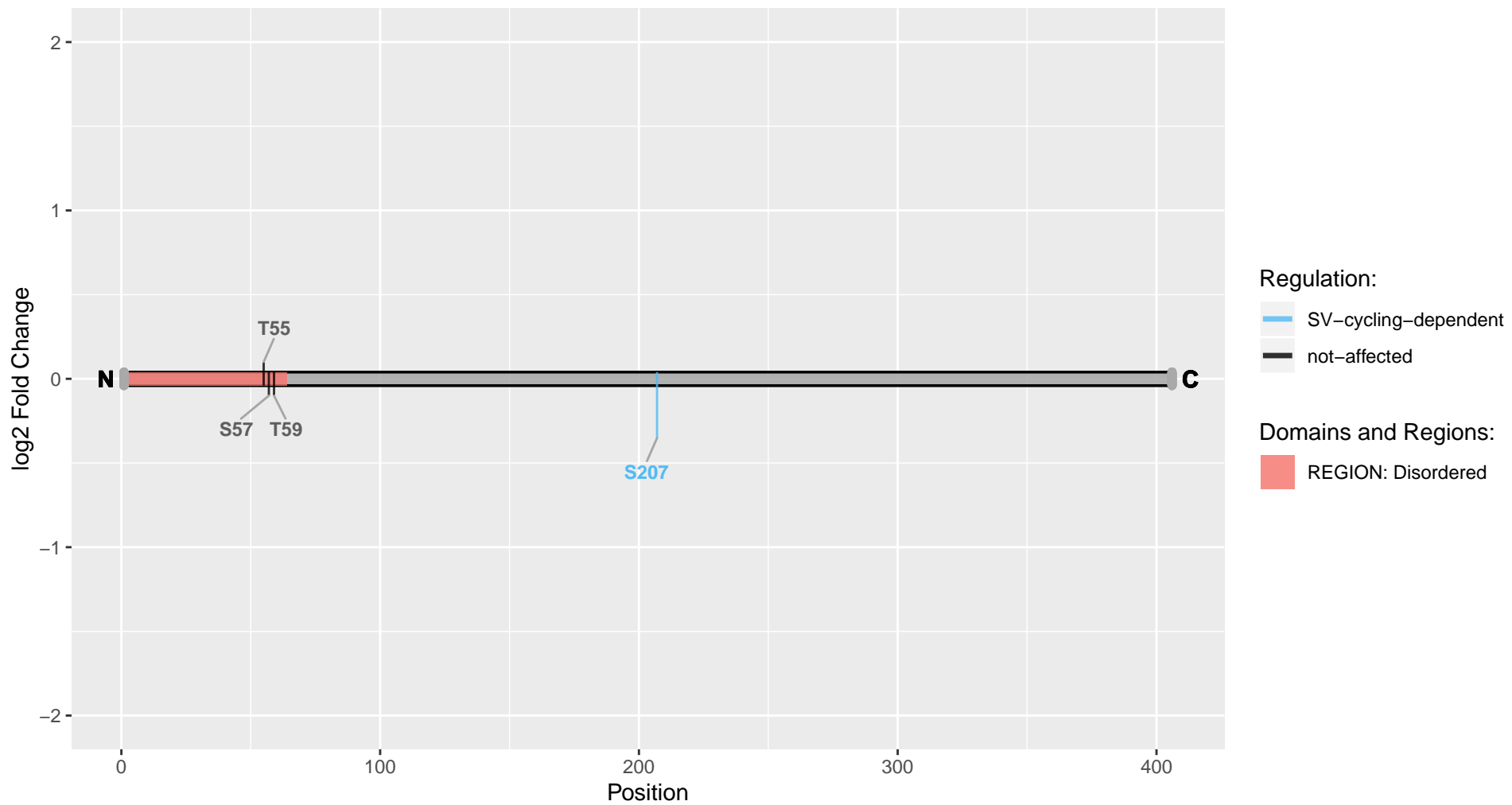
Misshapen-like kinase 1



Mlc1

Uniprot Accession: D4ABB2

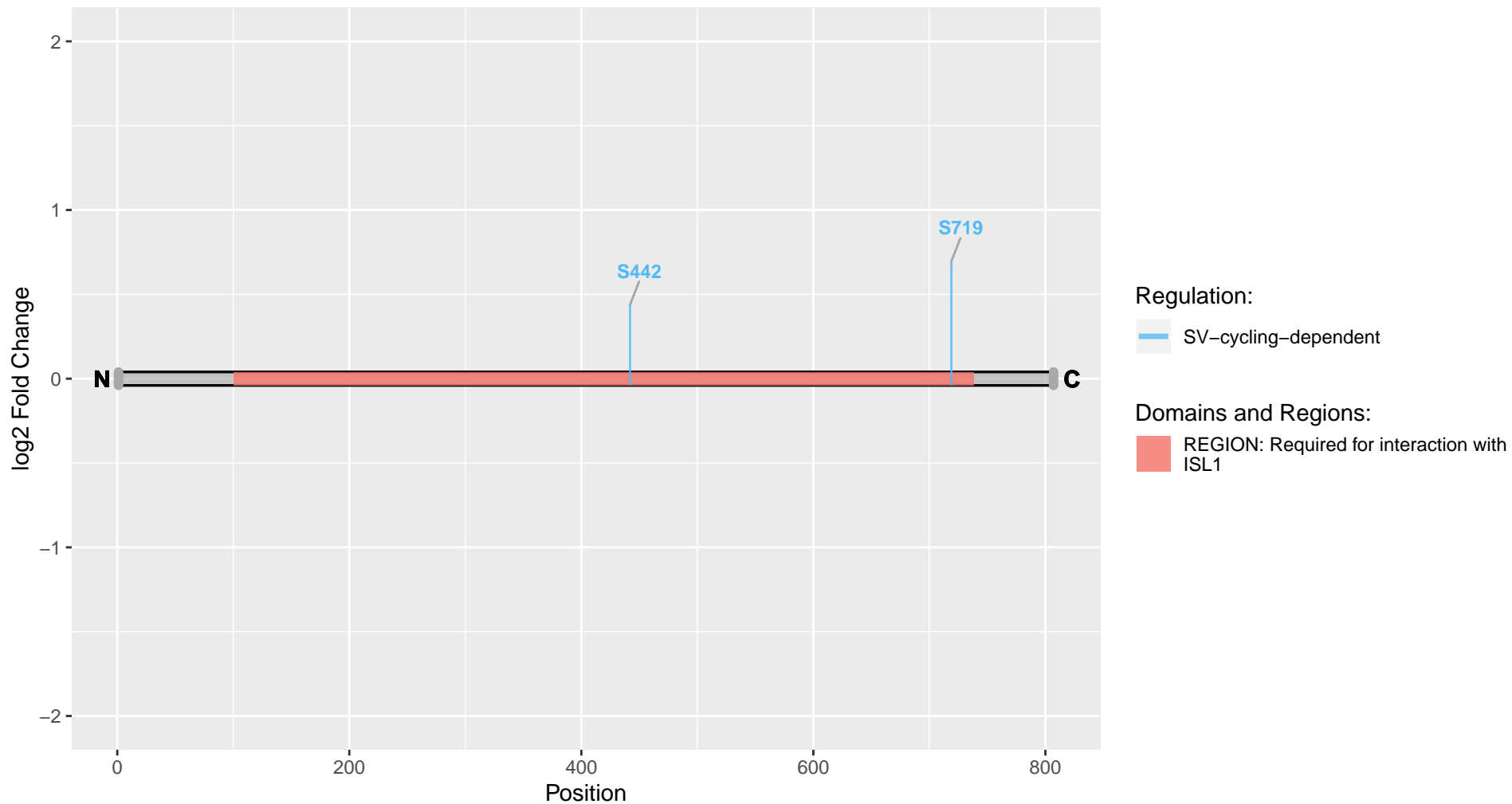
Megalencephalic leukoencephalopathy with subcortical cysts 1



Mlip

Uniprot Accession: A0A096MK47

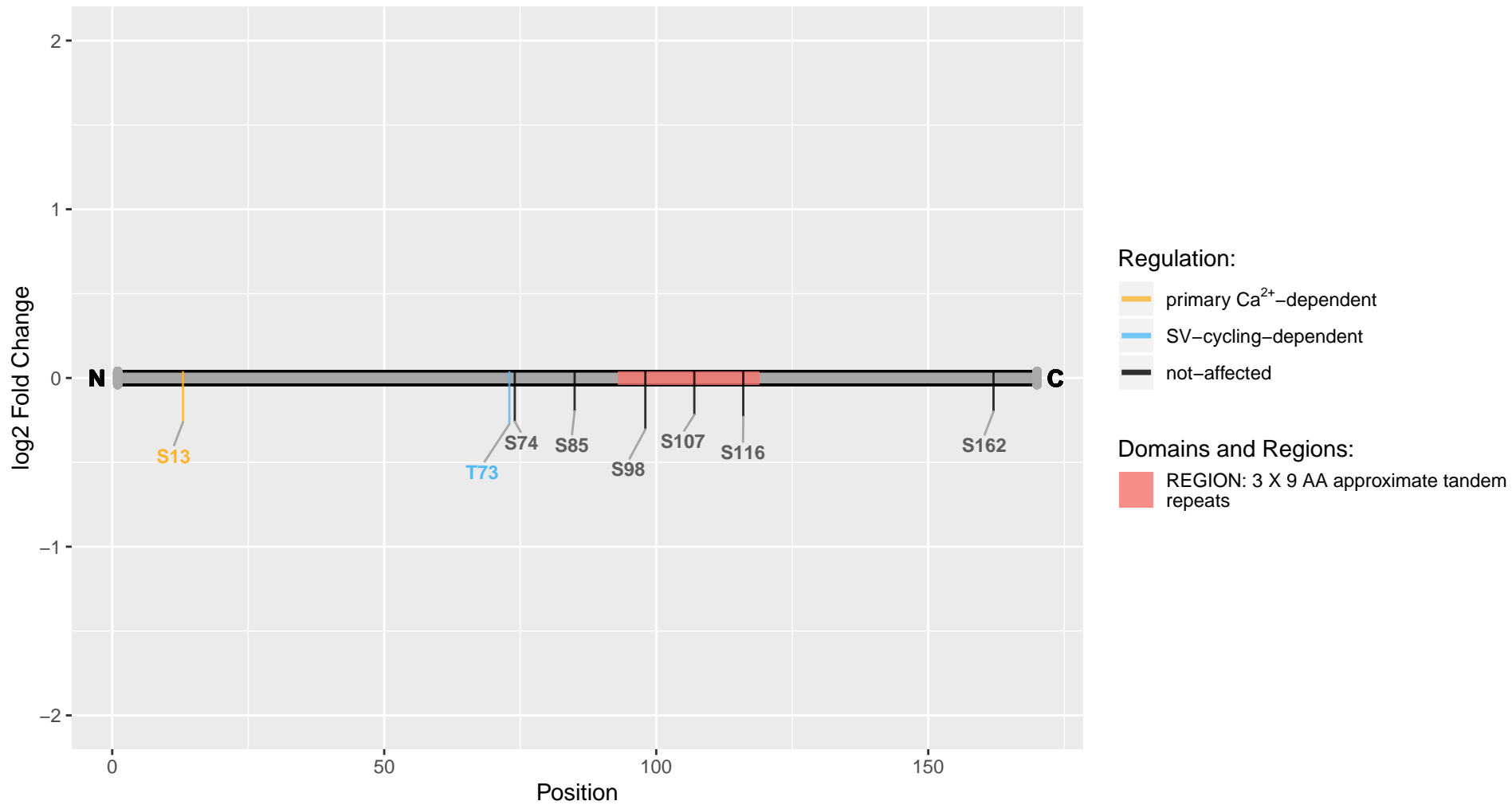
Muscular LMNA-interacting protein



Mobp

Uniprot Accession: Q63327

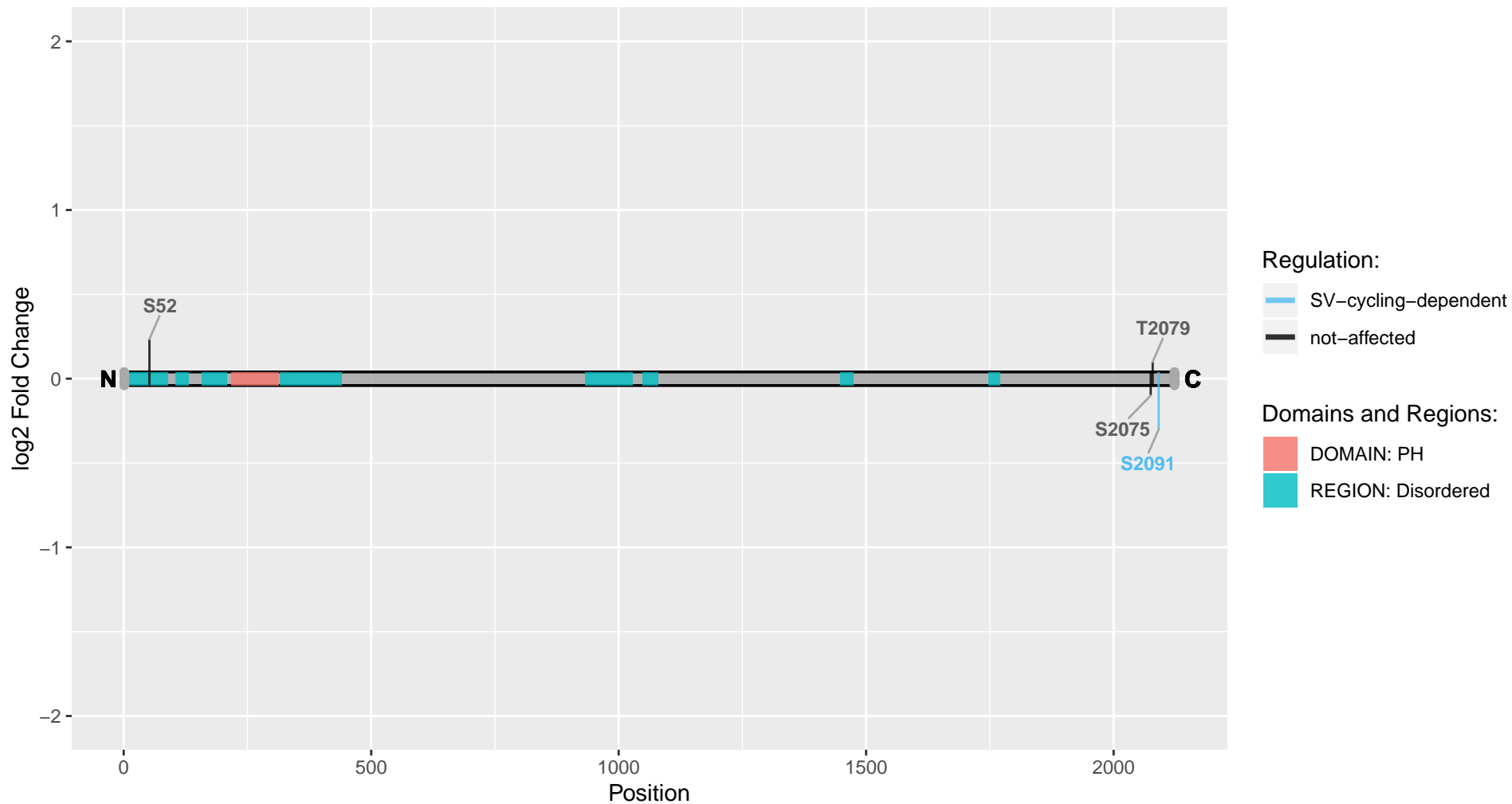
Myelin-associated oligodendrocyte basic protein



Mprip

Uniprot Accession: A0A0G2JUR5

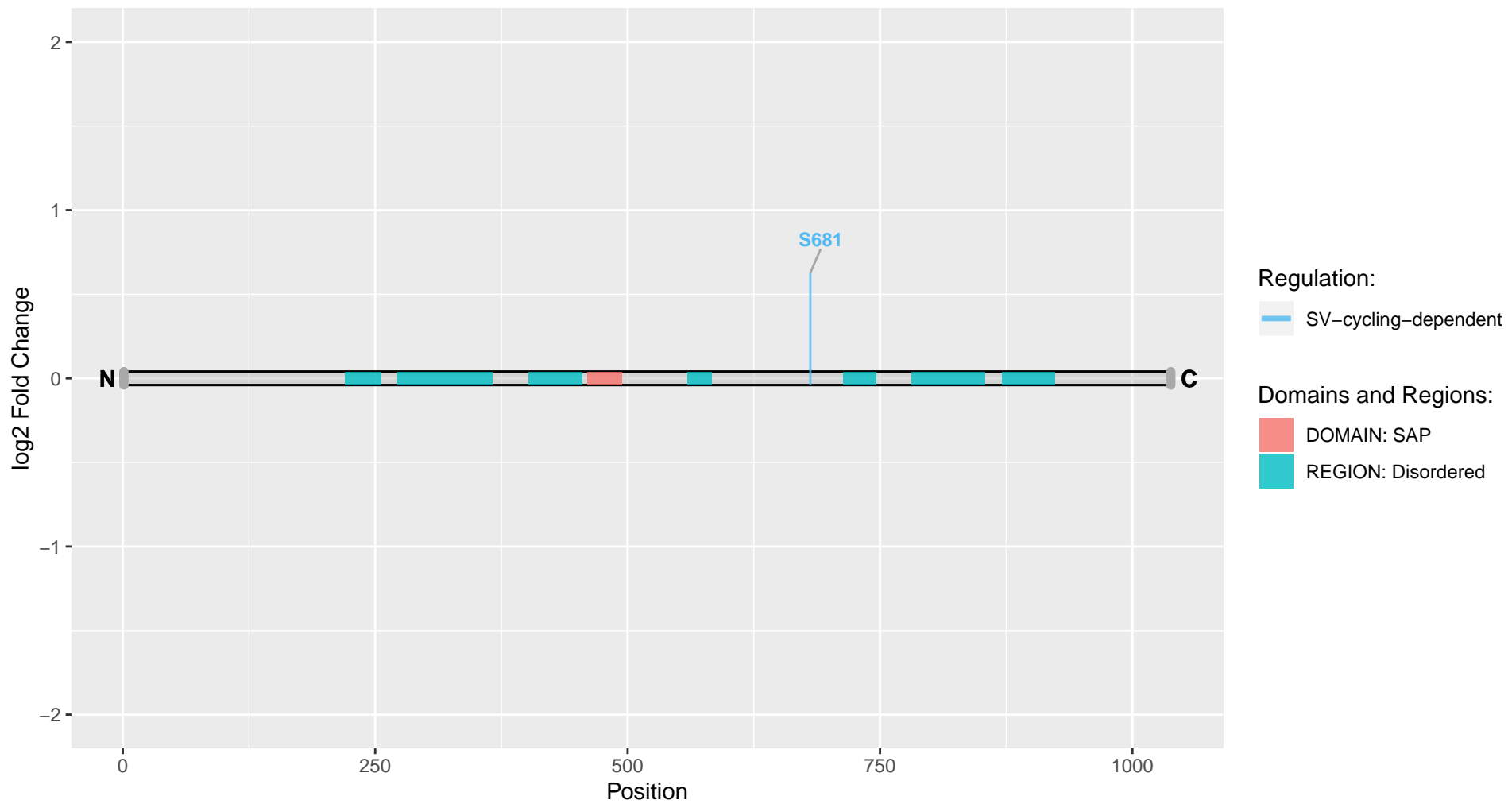
Myosin phosphatase Rho-interacting protein



Mrtfa

Uniprot Accession: A0A0G2JXC5

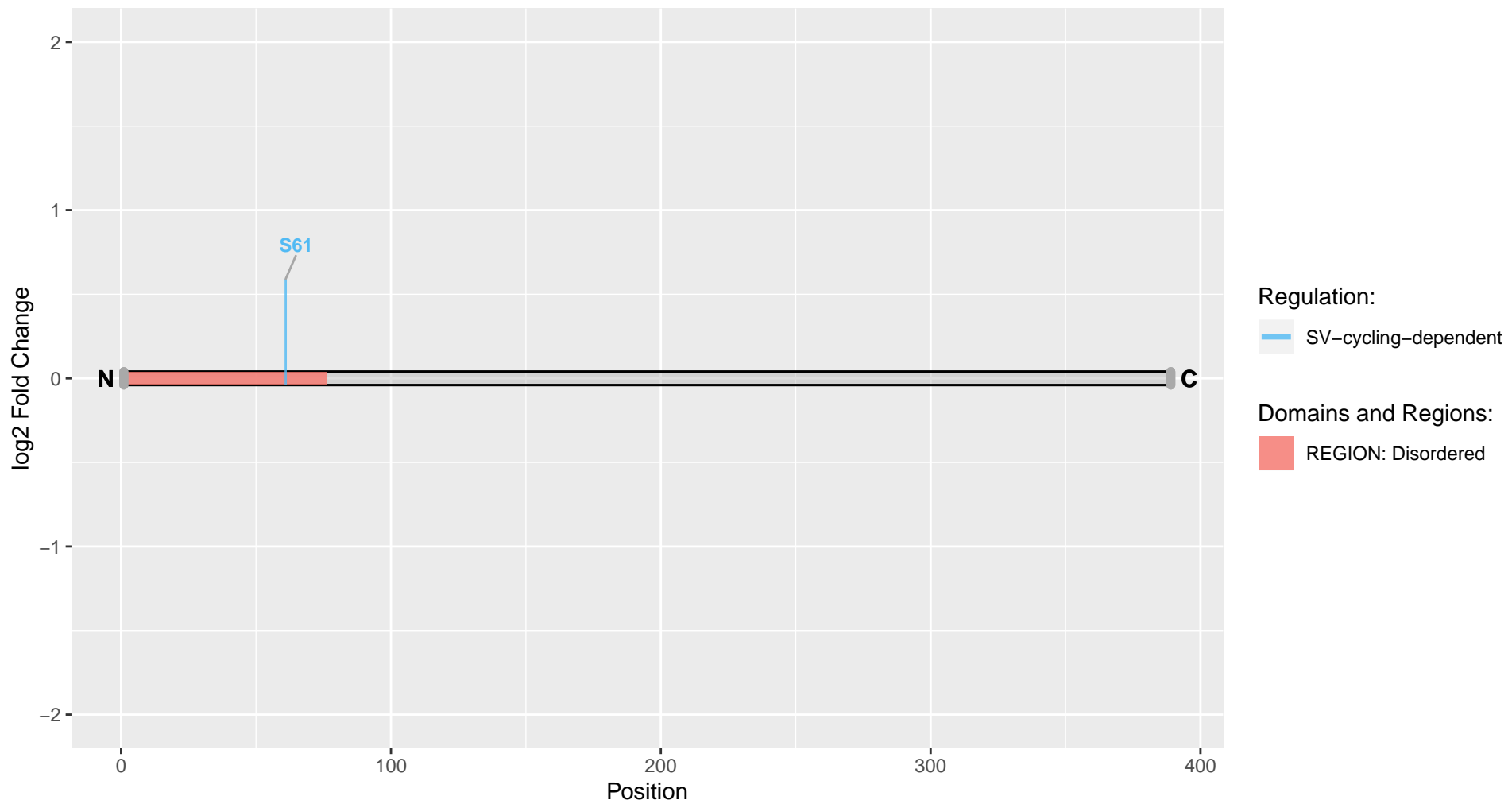
Megakaryoblastic leukemia (translocation) 1



Mtch1

Uniprot Accession: B0BN30

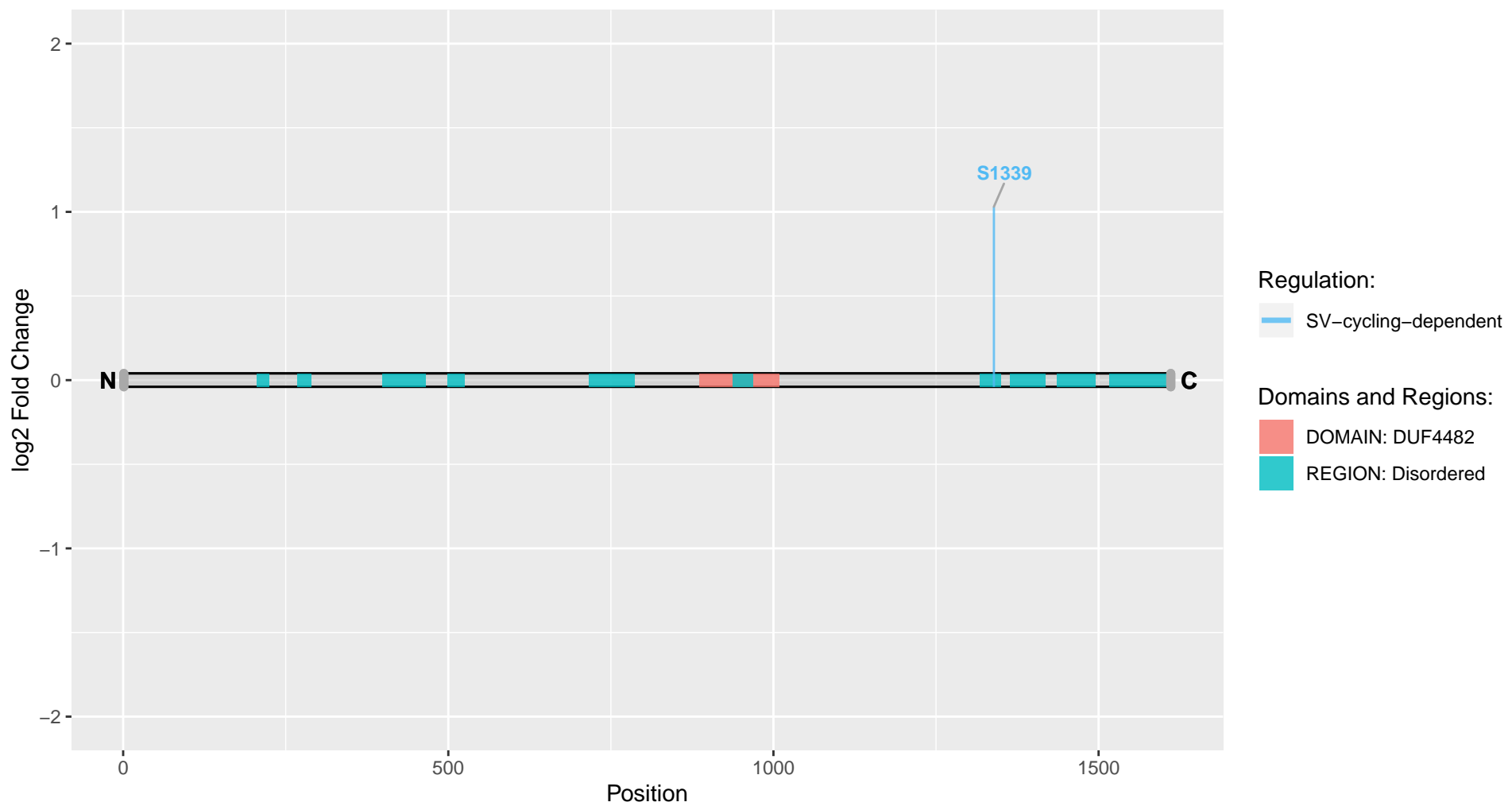
Mitochondrial carrier 1



Mtcl1

Uniprot Accession: D4A5D4

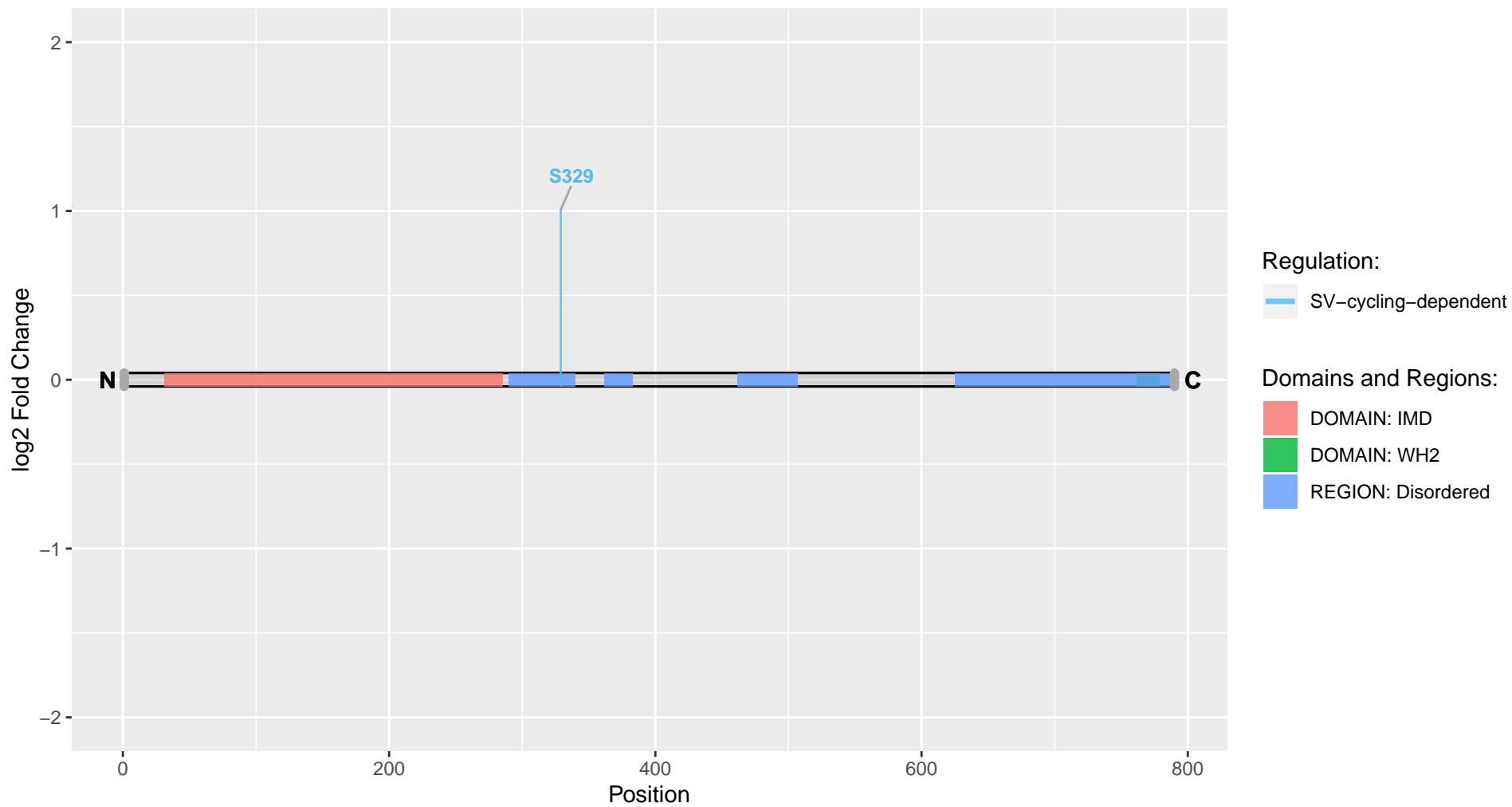
Microtubule crosslinking factor 1



Mtss1

Uniprot Accession: D3ZYM5

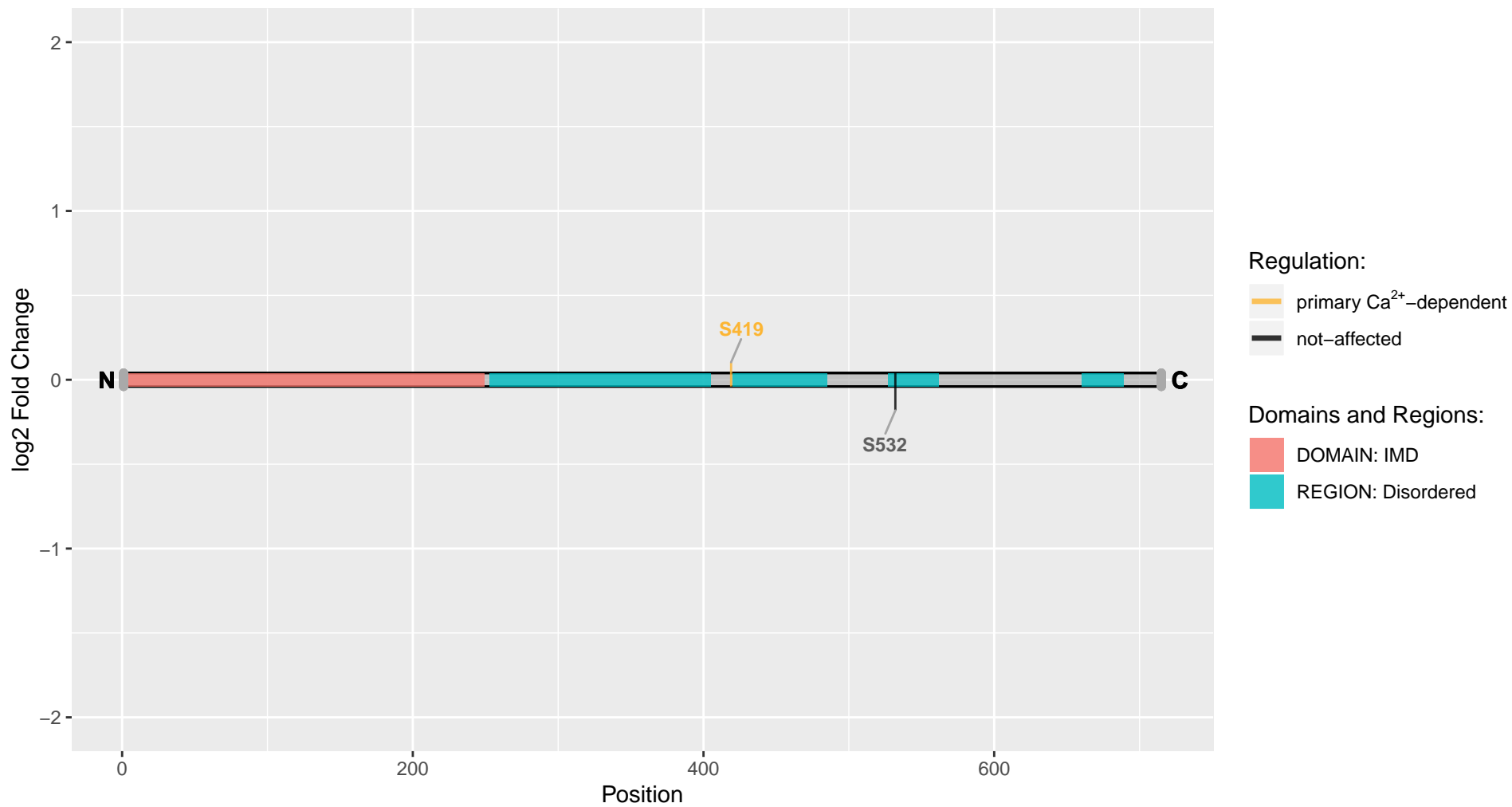
MTSS1, I-BAR domain-containing



Mtss1l

Uniprot Accession: D4A3S6

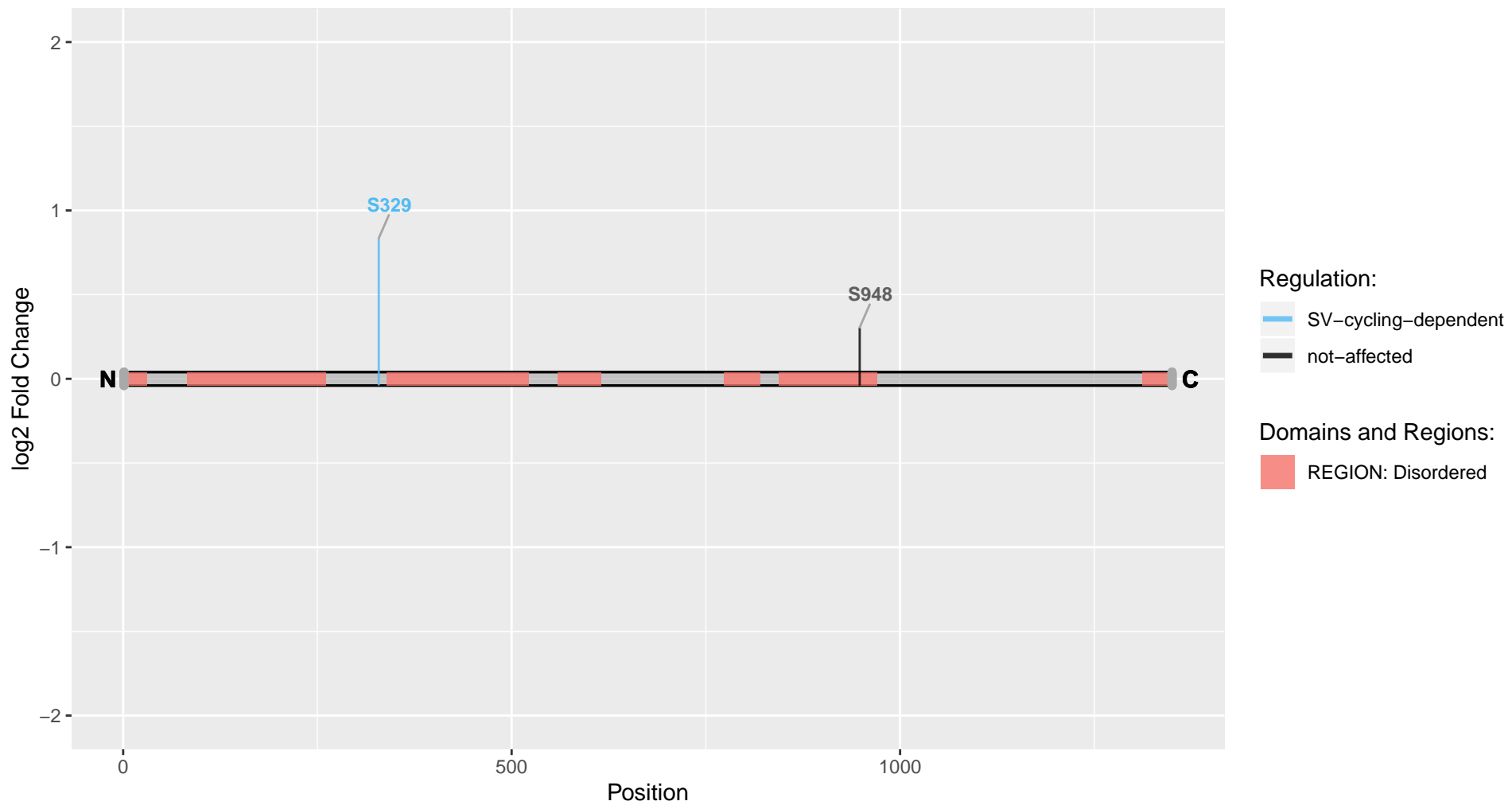
MTSS1L, I-BAR domain-containing



Mtus2

Uniprot Accession: A0A0G2K4U7

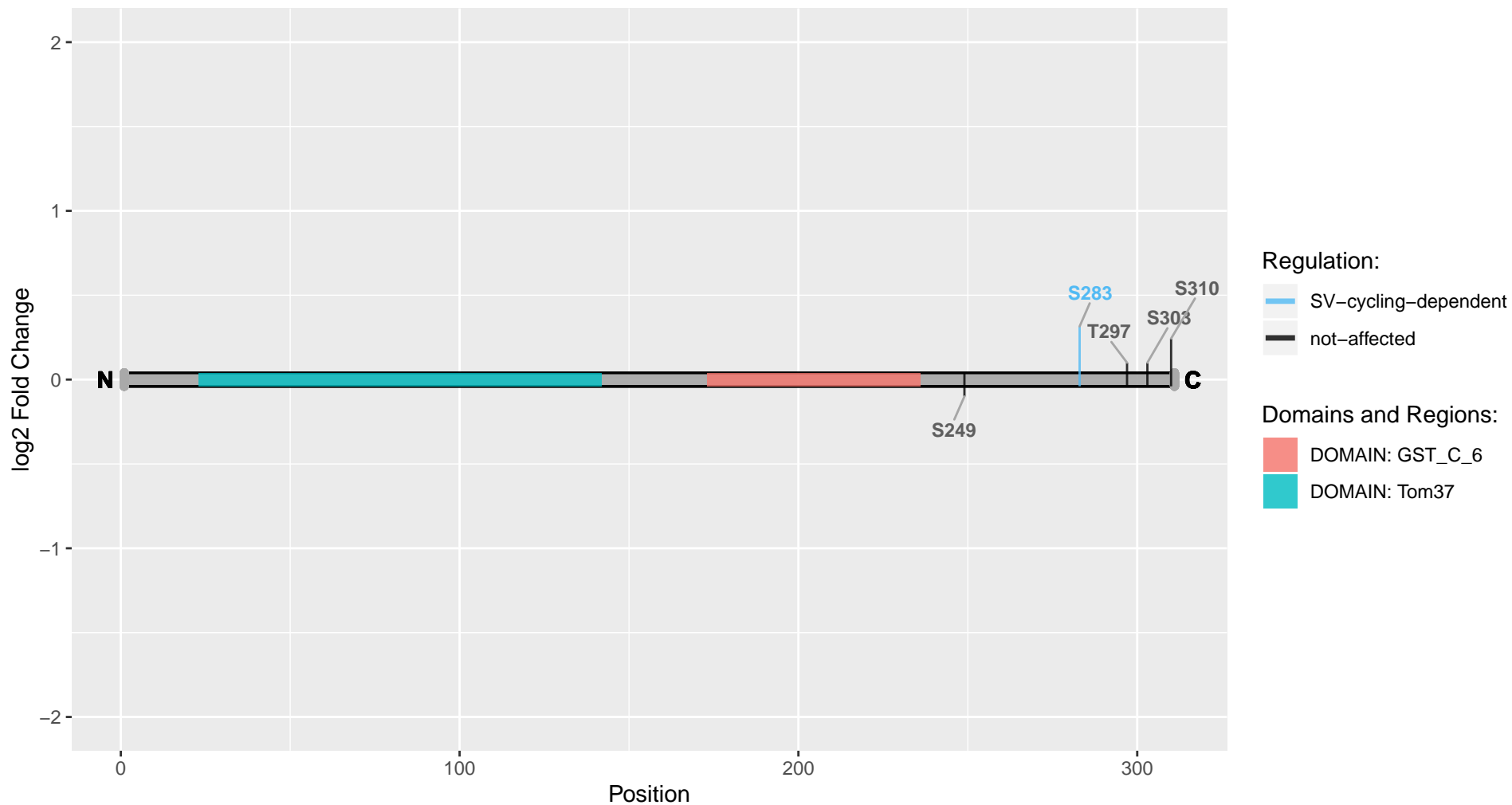
Microtubule-associated scaffold protein 2



Mtx3

Uniprot Accession: D3ZNK1

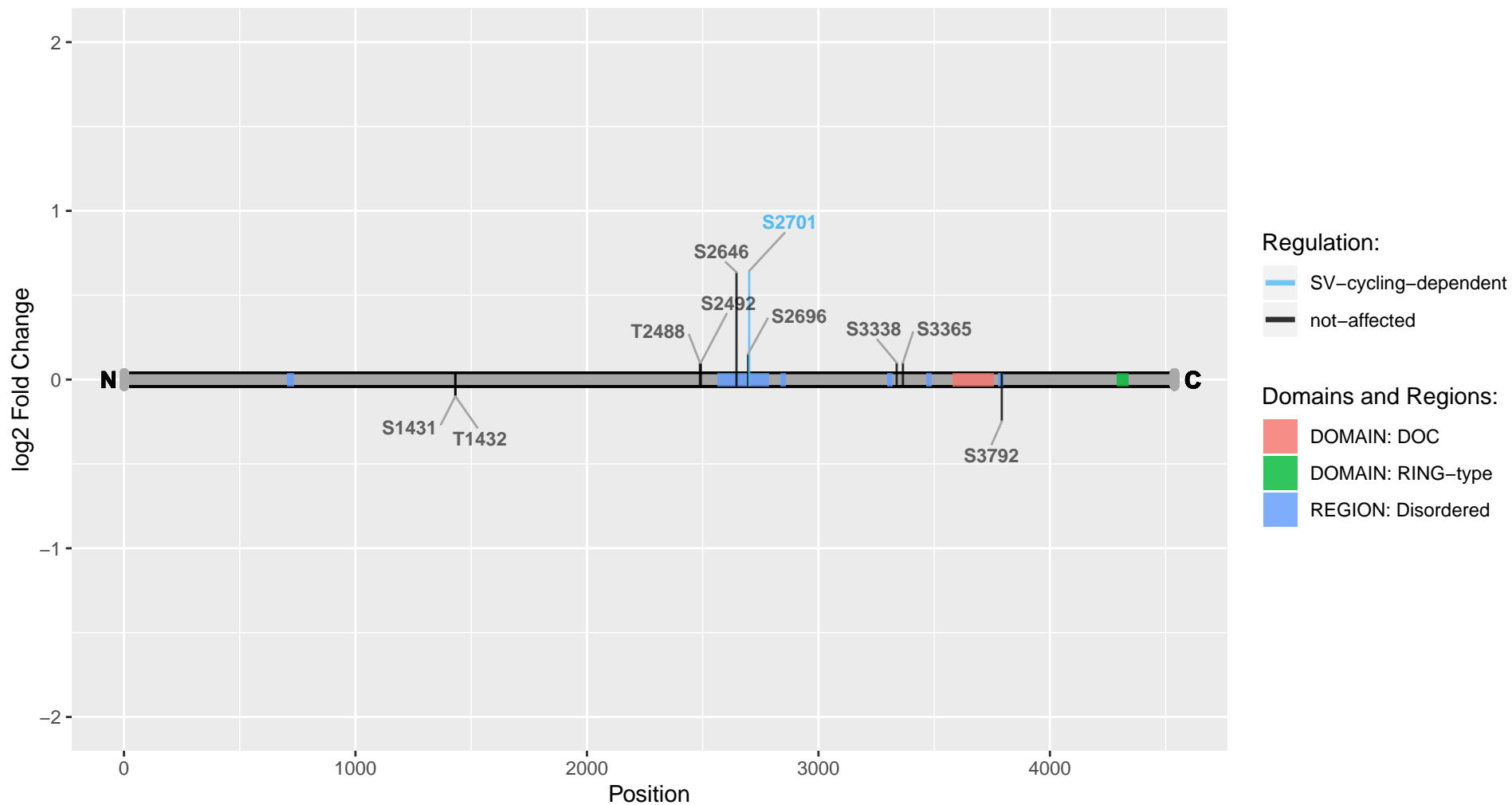
Metaxin 3



Mycbp2

Uniprot Accession: D4A2D3

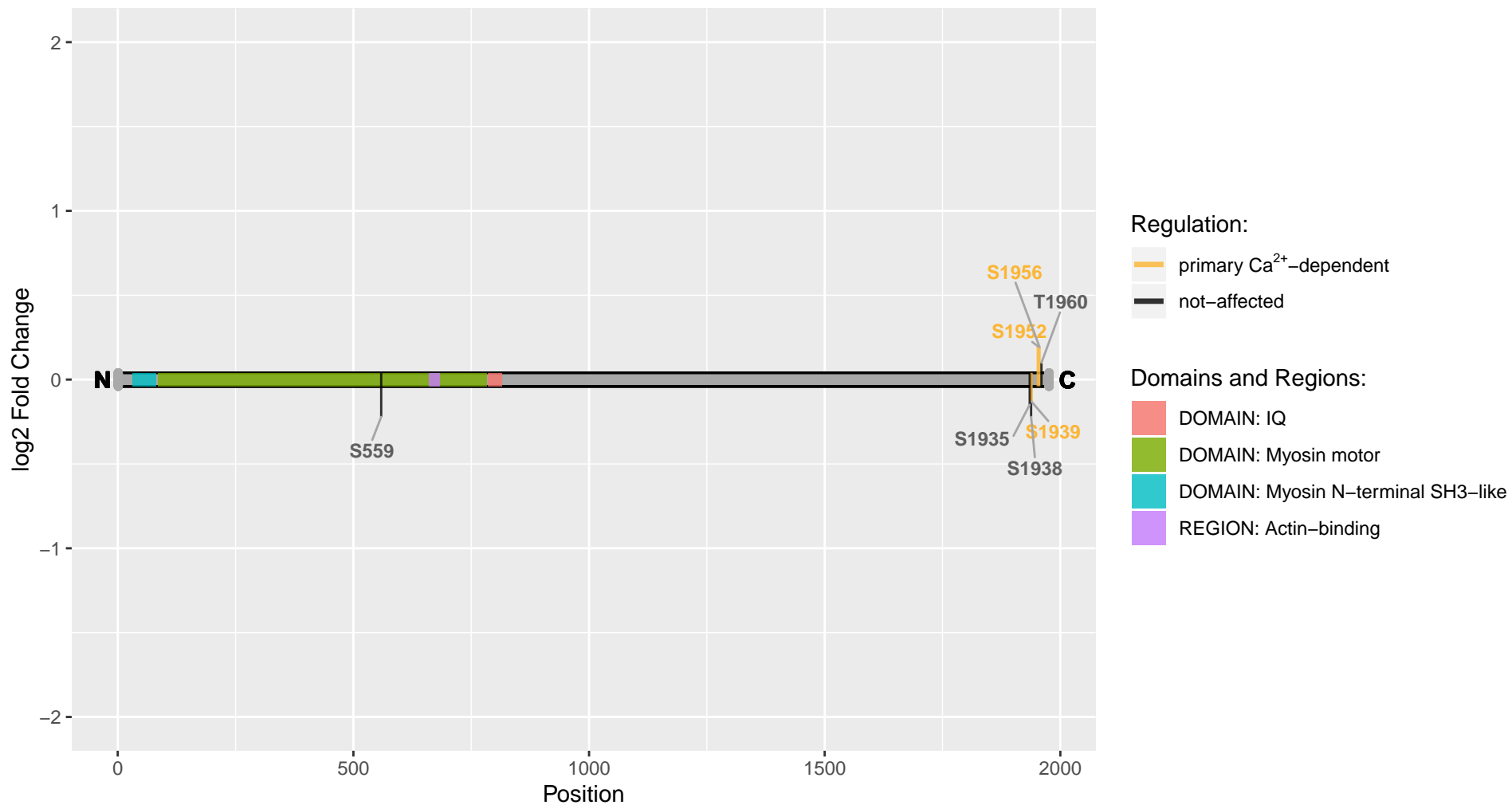
MYC-binding protein 2, E3 ubiquitin protein ligase



Myh10

Uniprot Accession: Q9JLT0

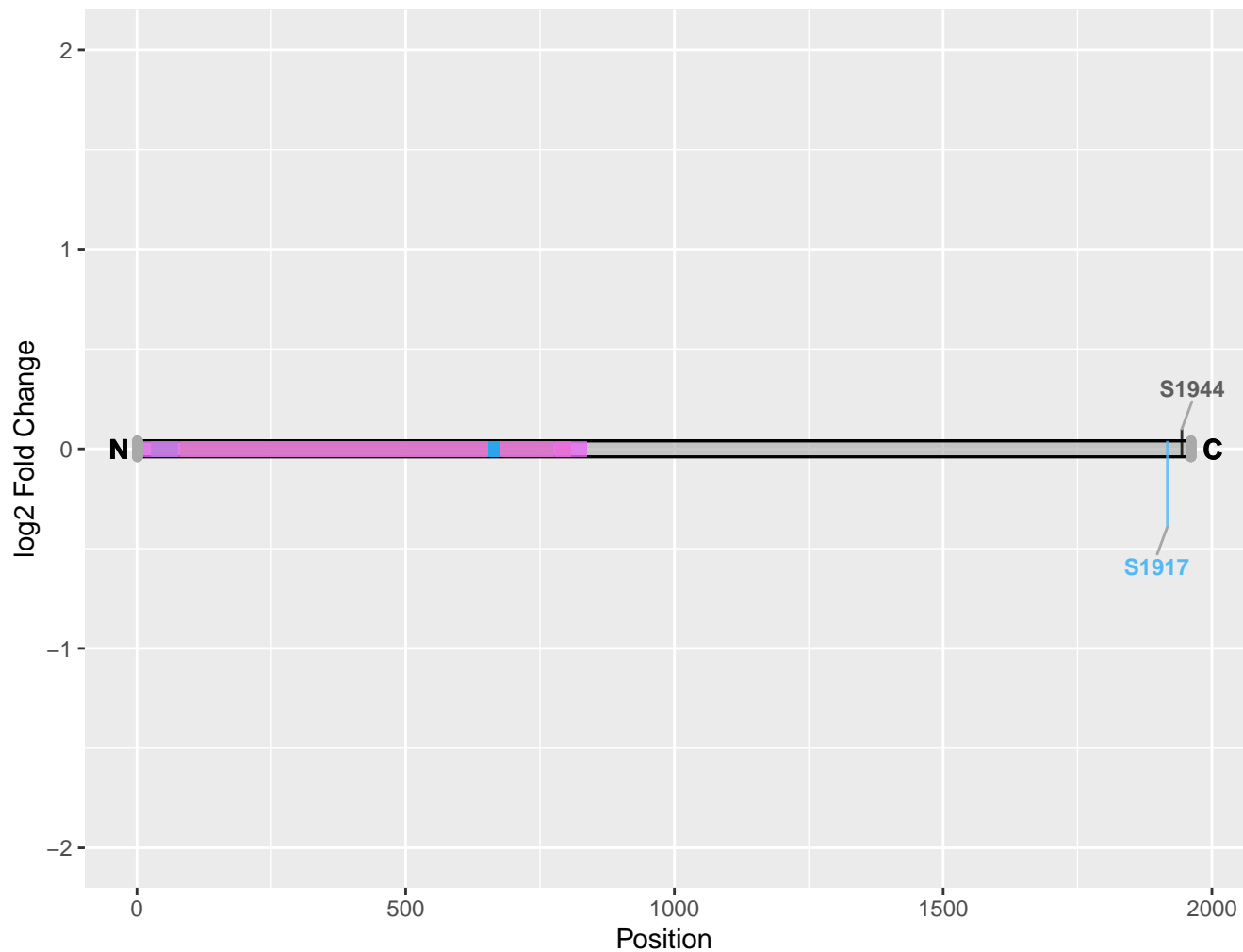
Myosin-10



Myh9

Uniprot Accession: Q62812

Myosin-9



Regulation:

- SV-cycling-dependent
- not-affected

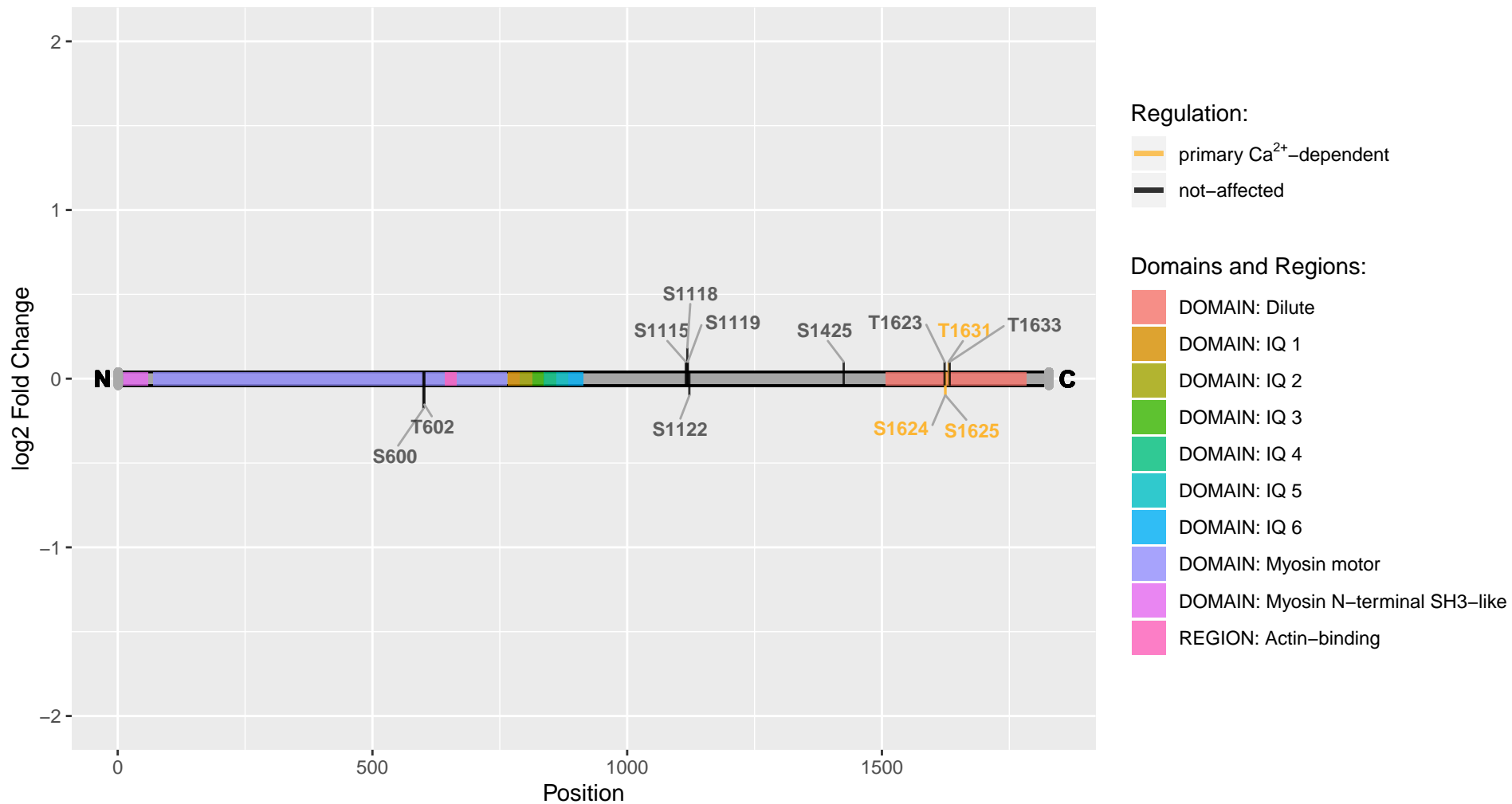
Domains and Regions:

- DOMAIN: IQ
- DOMAIN: Myosin motor
- DOMAIN: Myosin N-terminal SH3-like
- REGION: Actin-binding
- REGION: Mediates interaction with LIMCH1

Myo5a

Uniprot Accession: Q9QYF3

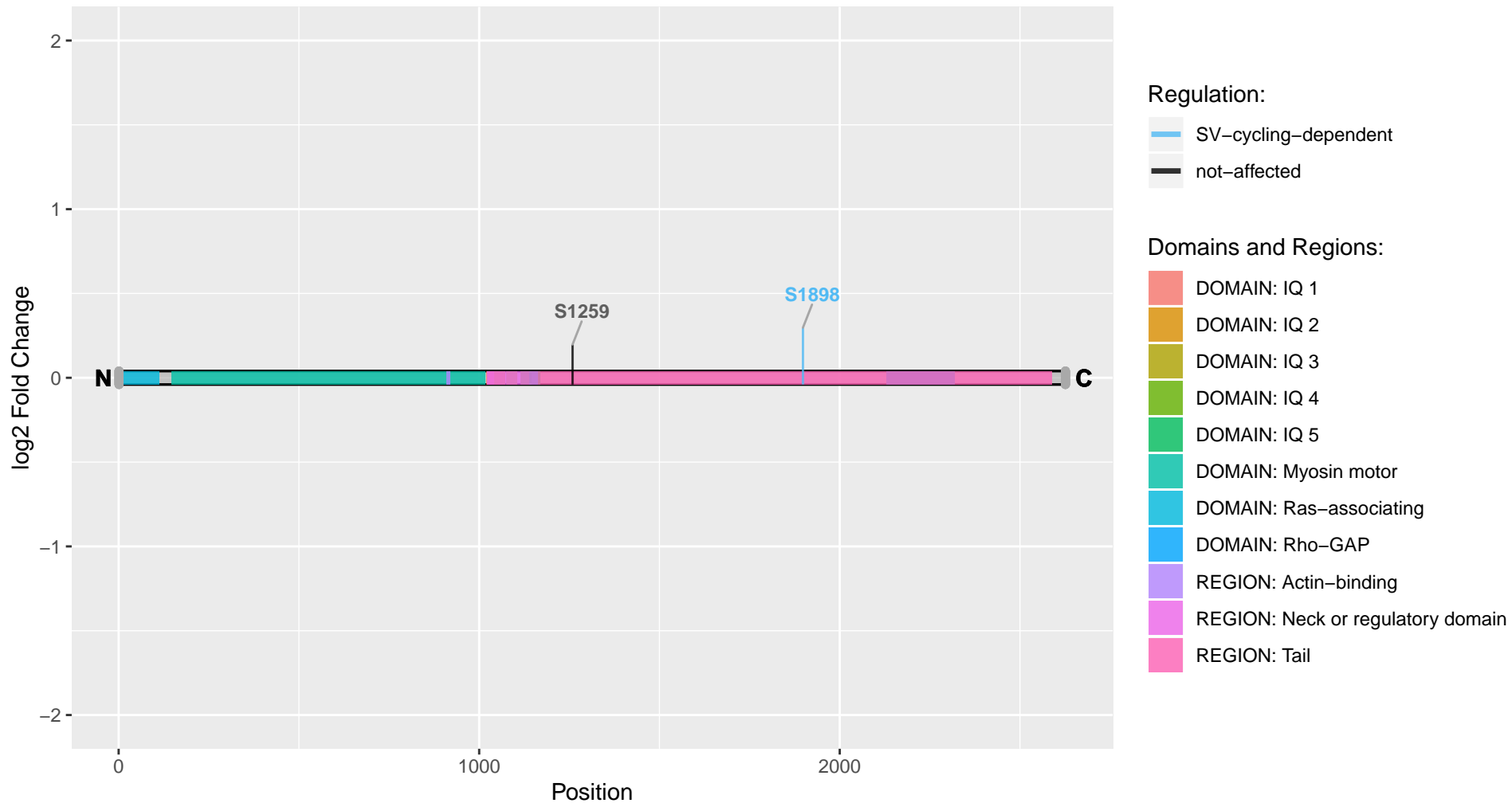
Unconventional myosin-Va



Myo9a

Uniprot Accession: Q9Z1N3

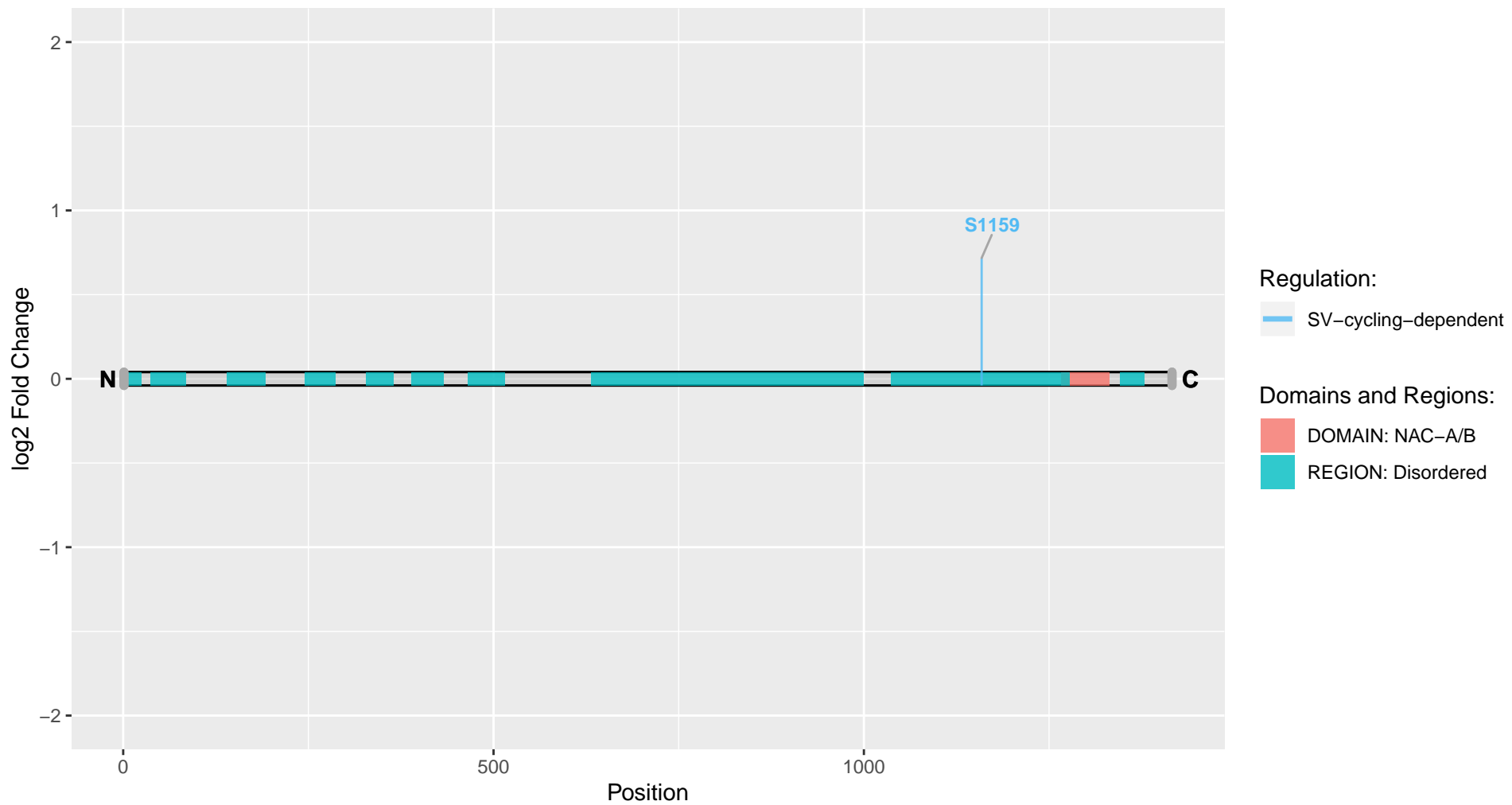
Unconventional myosin-IXa



Nacad

Uniprot Accession: F1M6E5

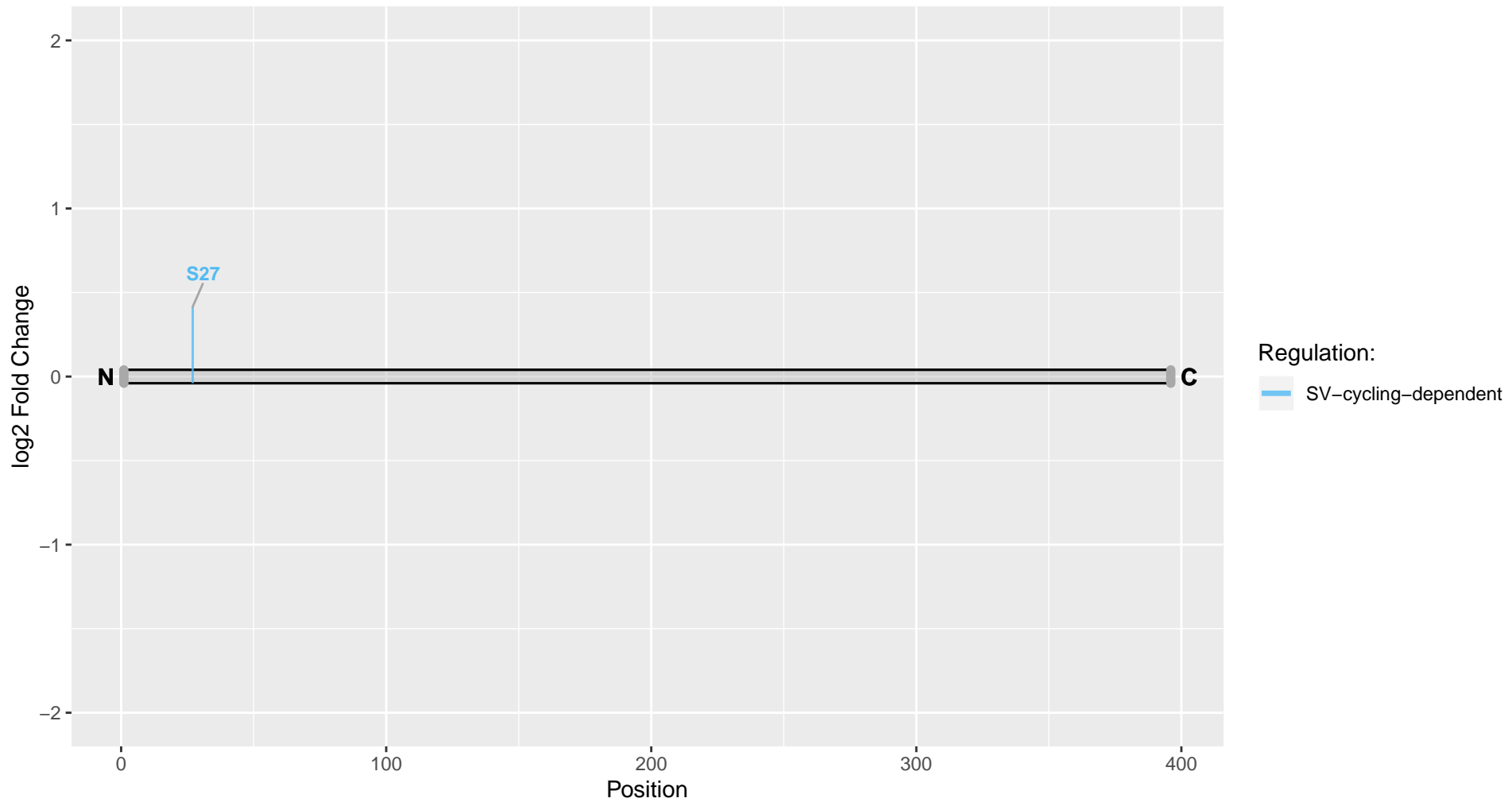
NAC alpha domain-containing



Napepld

Uniprot Accession: Q769K2

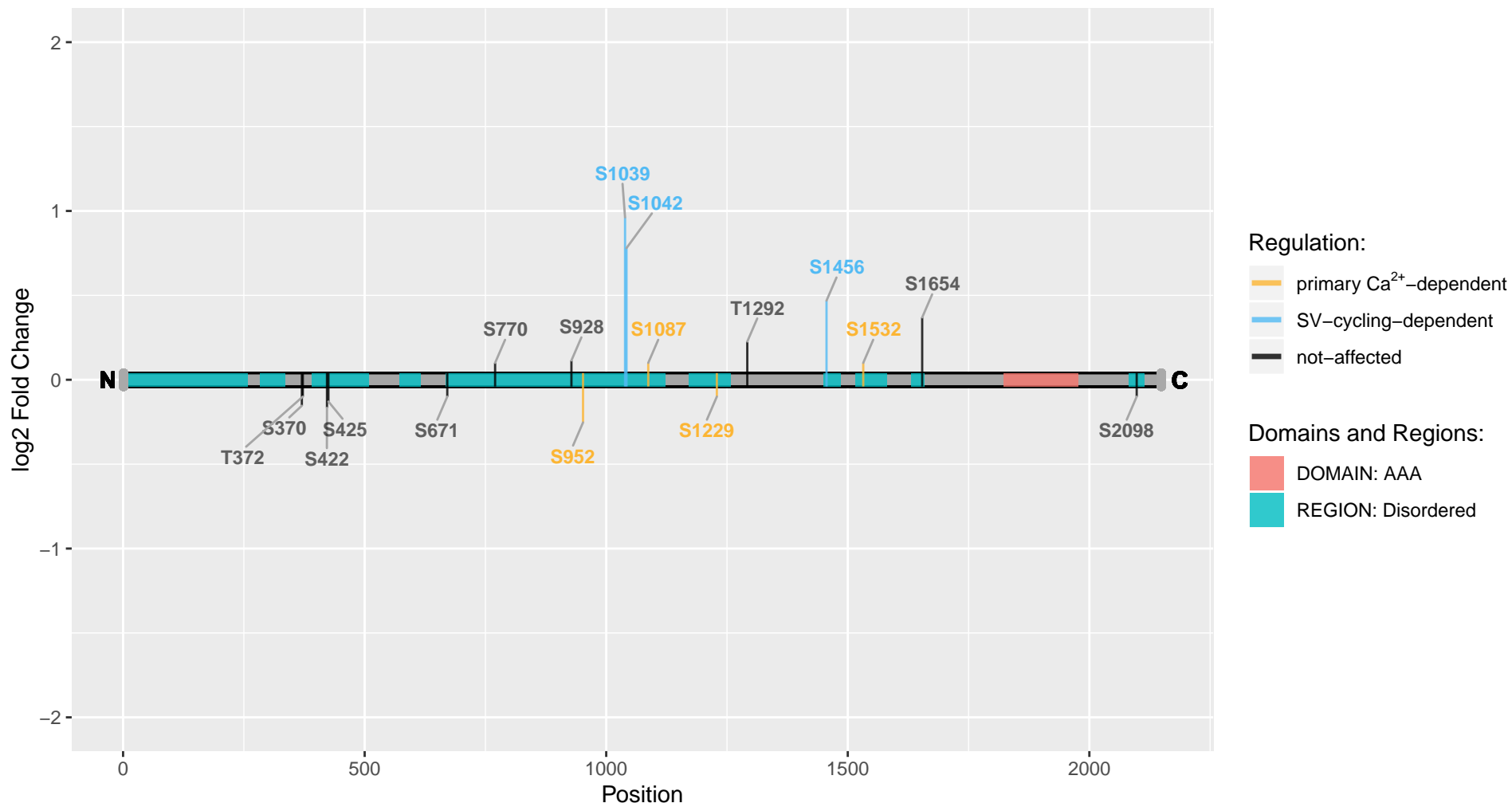
N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D



Nav1

Uniprot Accession: D4A5I4

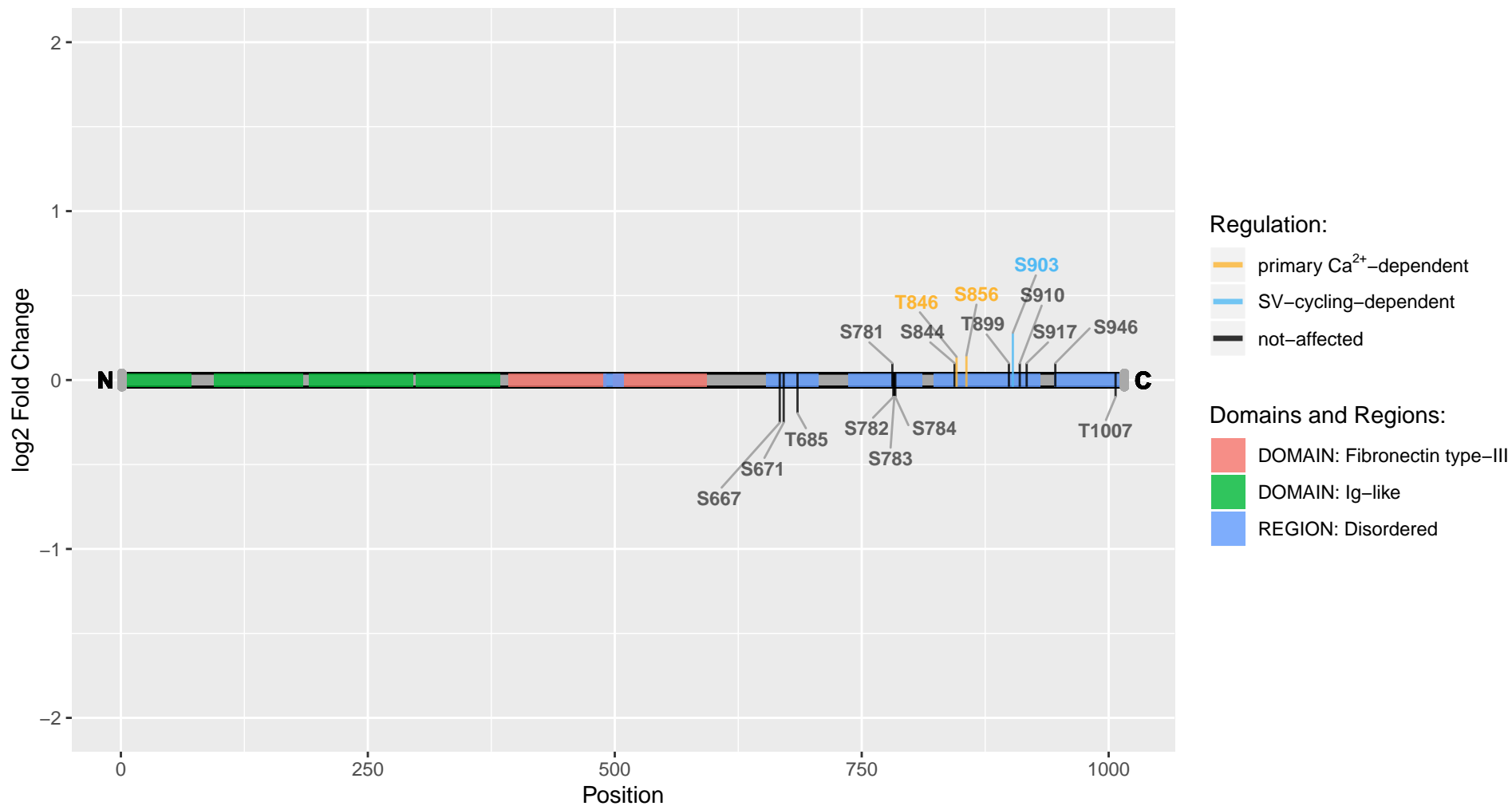
Neuron navigator 1



Ncam1

Uniprot Accession: A0A0G2K0M8

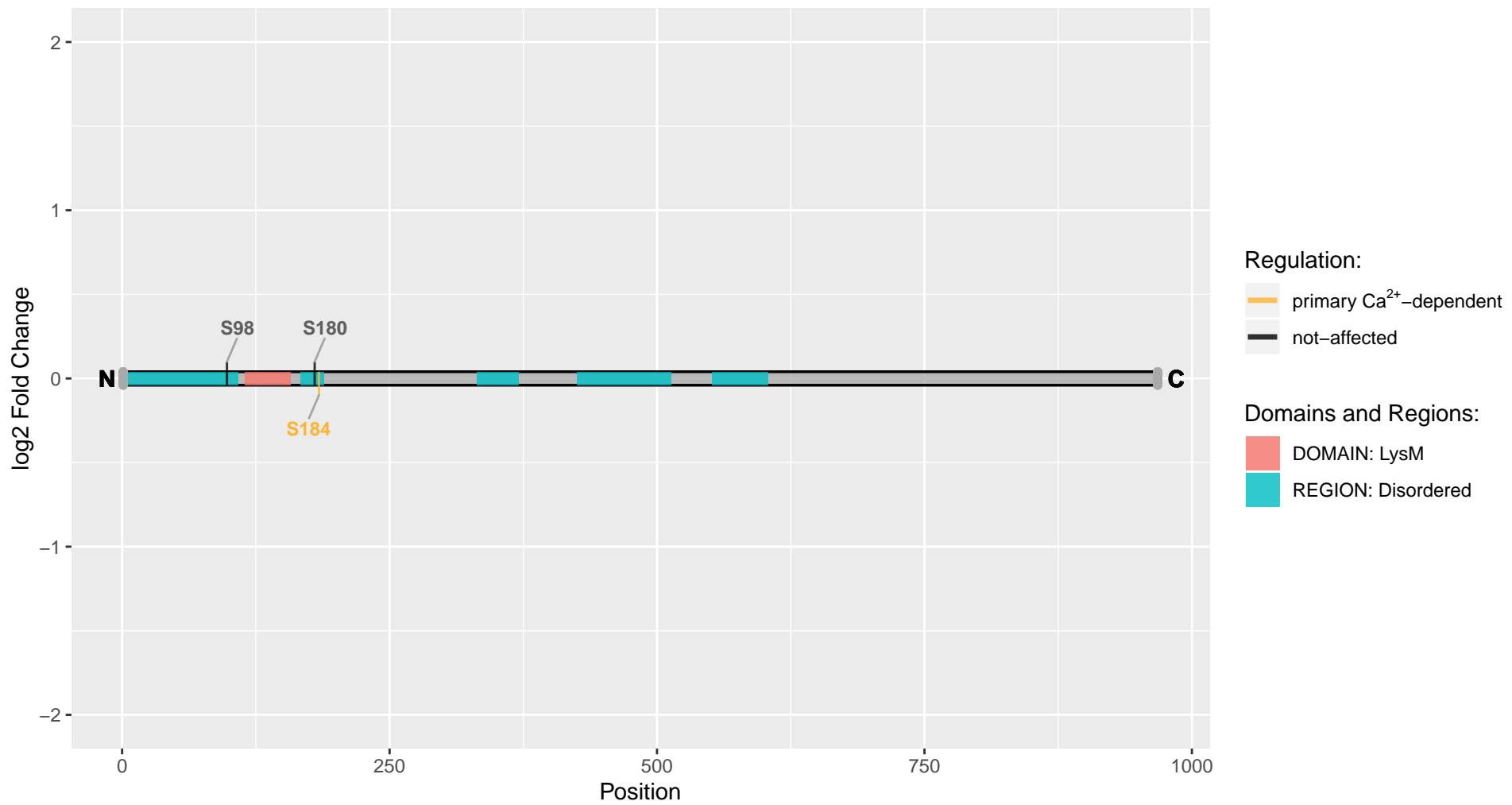
Neural cell adhesion molecule 1



Ncoa7

Uniprot Accession: F1LWN1

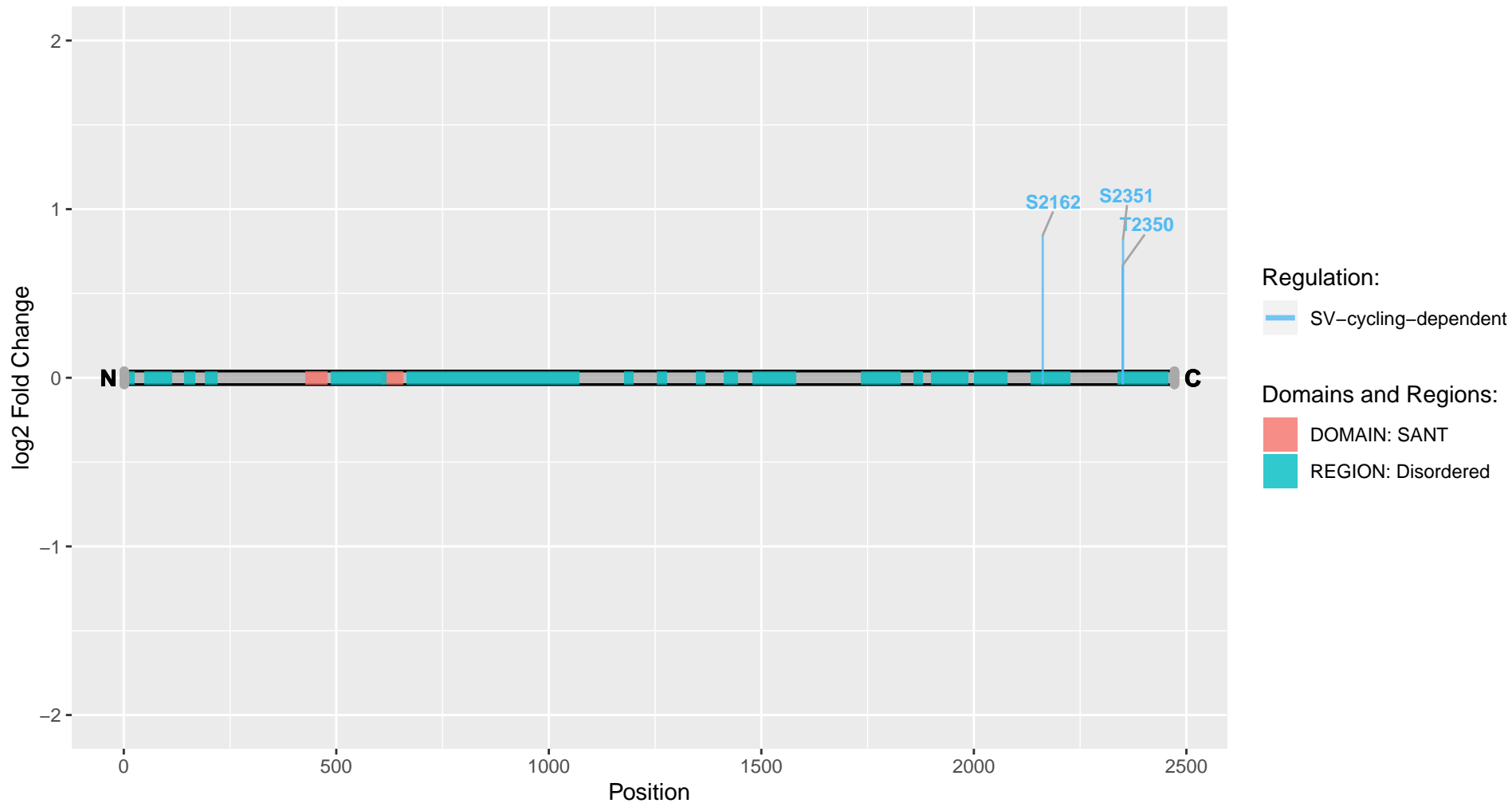
Nuclear receptor coactivator 7



Ncor2

Uniprot Accession: D3ZXN9

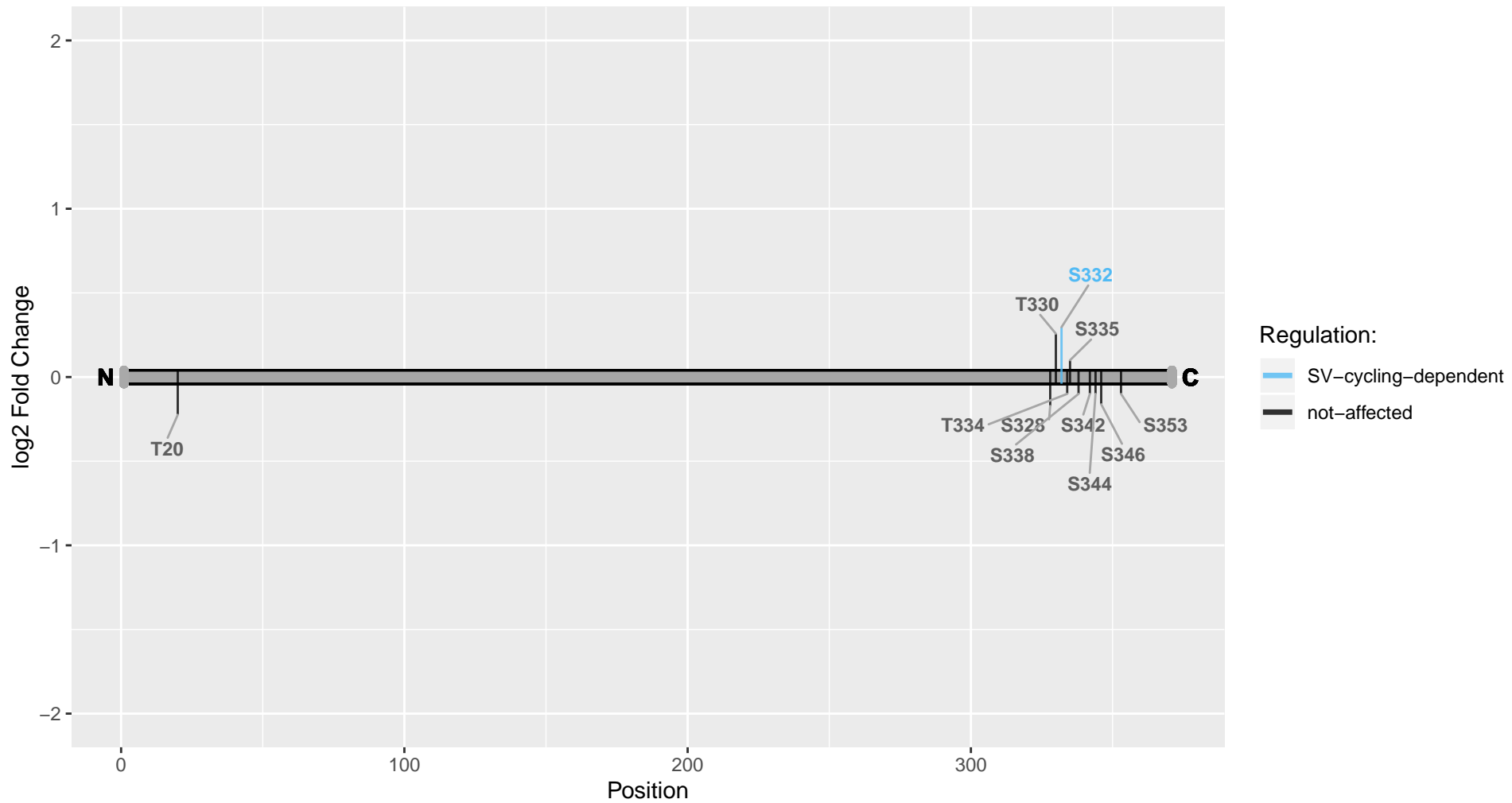
Nuclear receptor co-repressor 2



NdrG2

Uniprot Accession: Q8VBU2

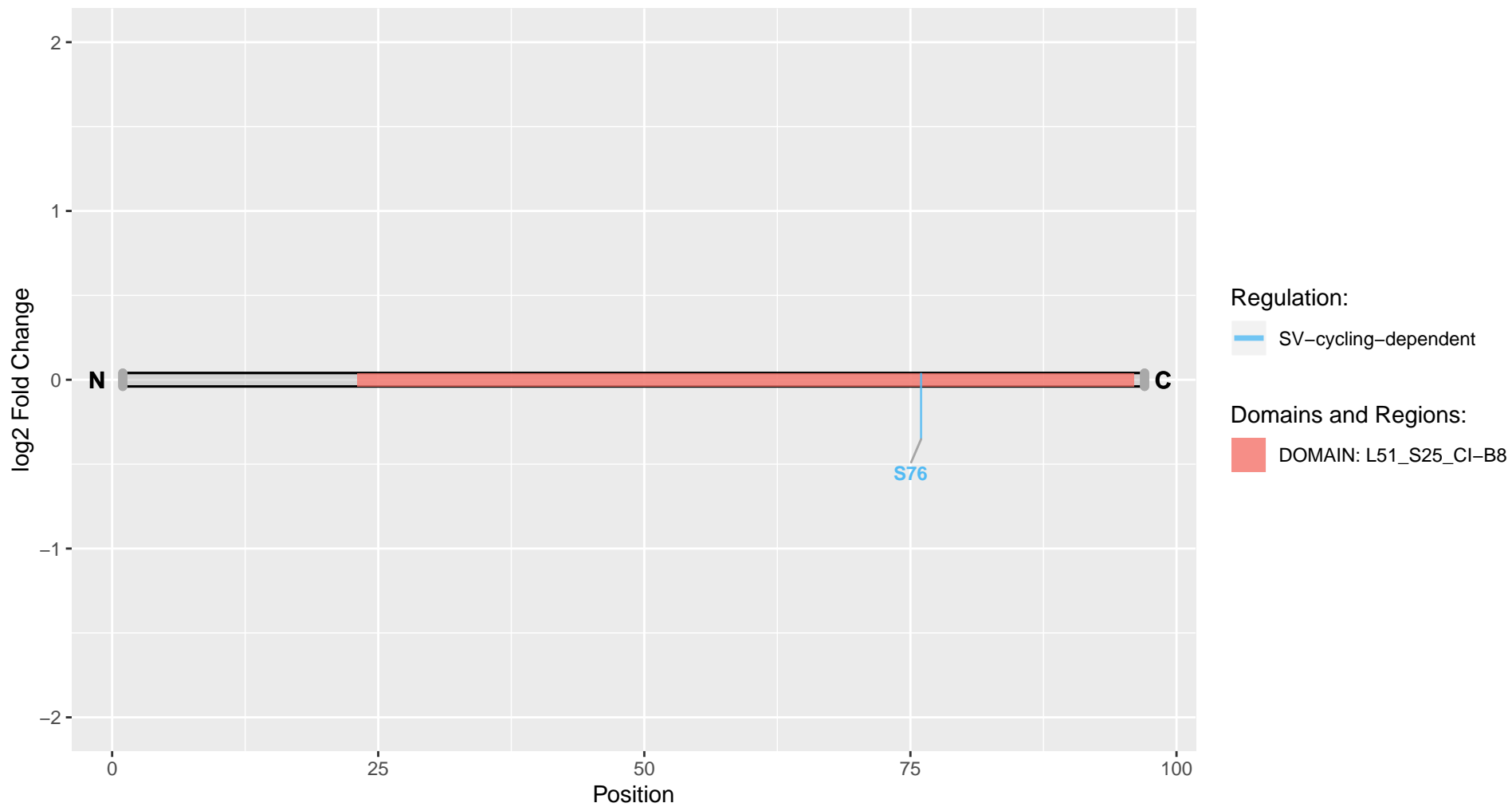
Protein NDRG2



Ndufa2

Uniprot Accession: D3ZS58

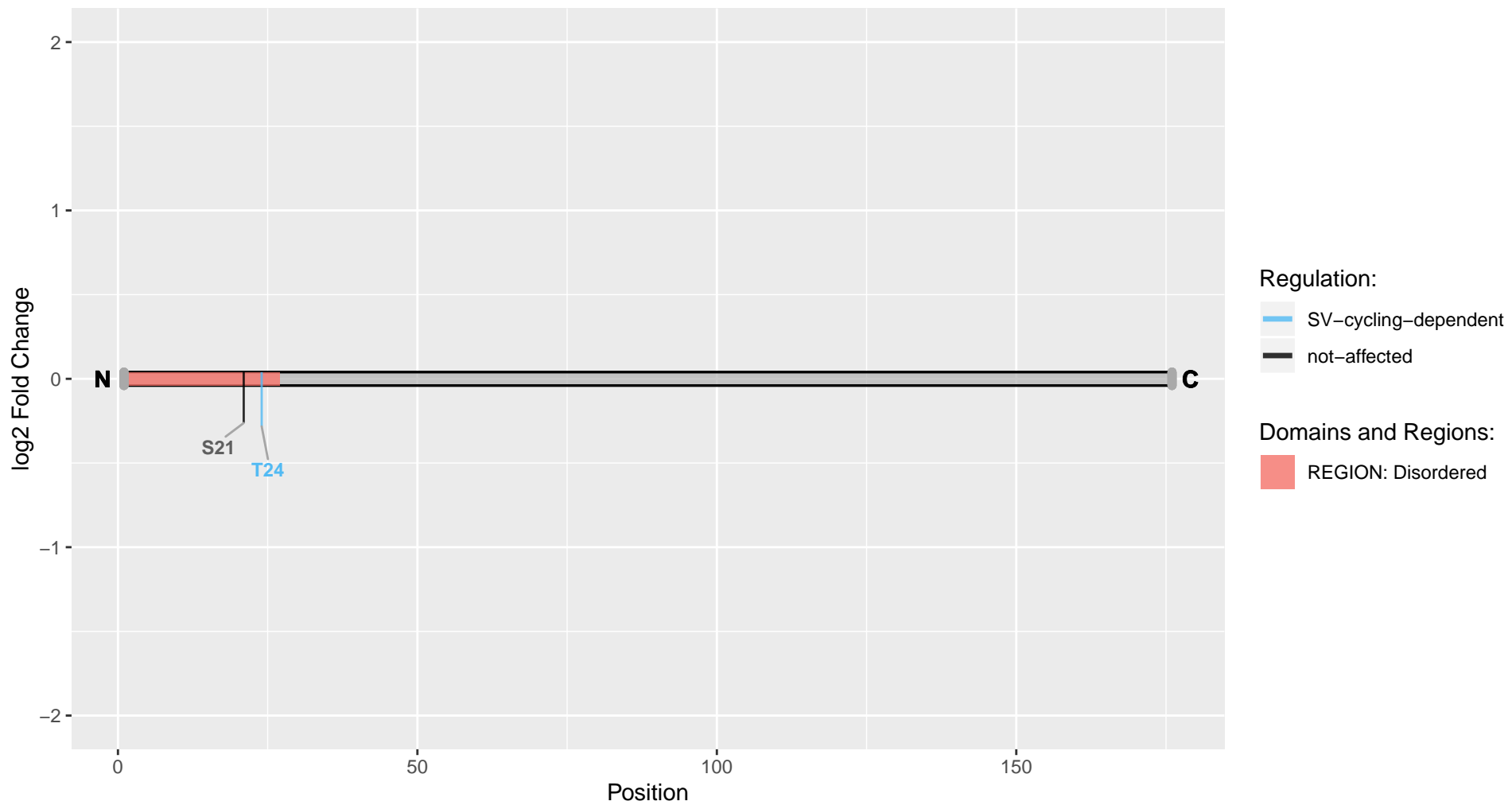
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2



Ndufb10

Uniprot Accession: D4A0T0

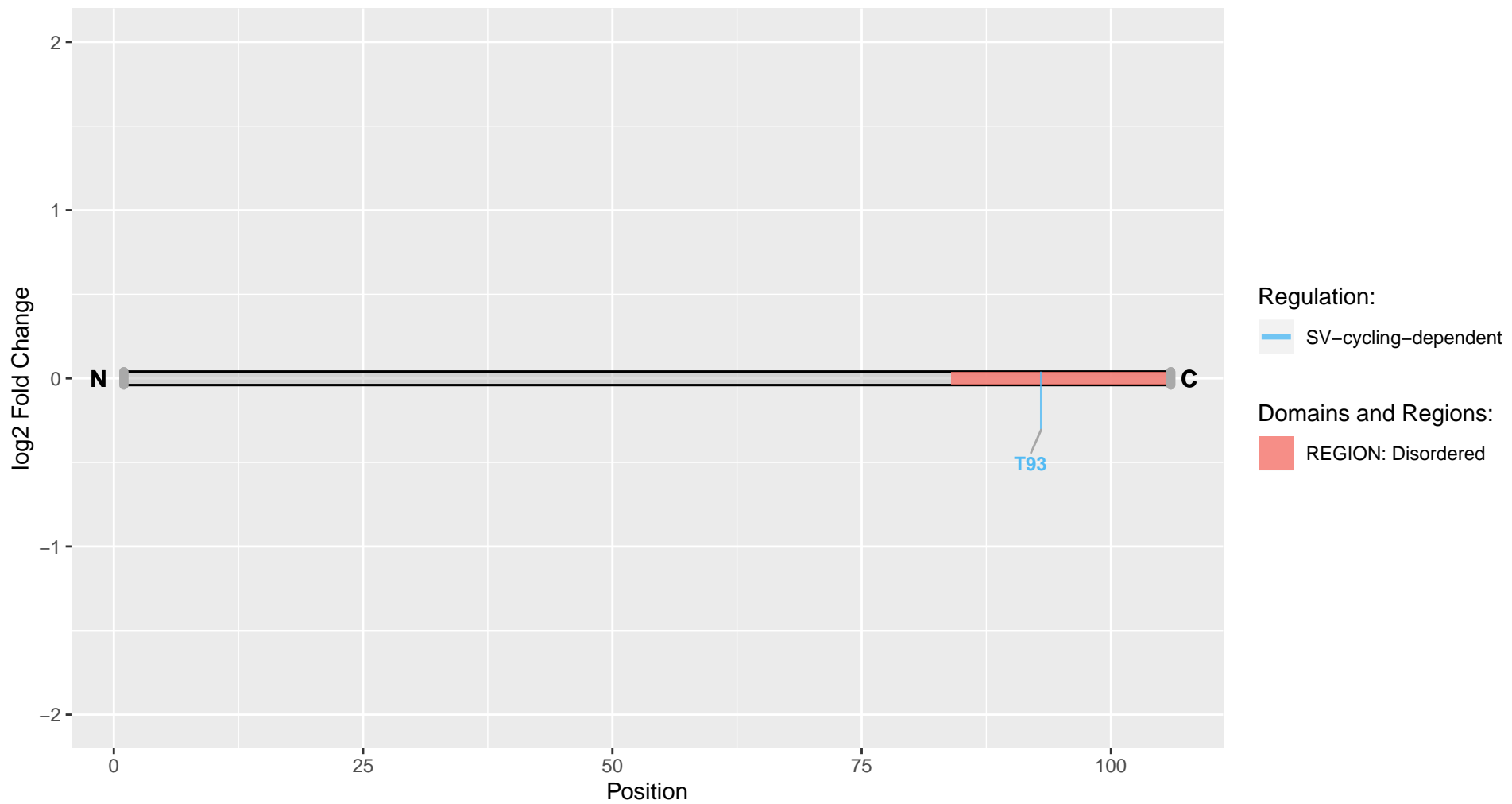
NADH:ubiquinone oxidoreductase subunit B10



Ndufs5

Uniprot Accession: B5DEL8

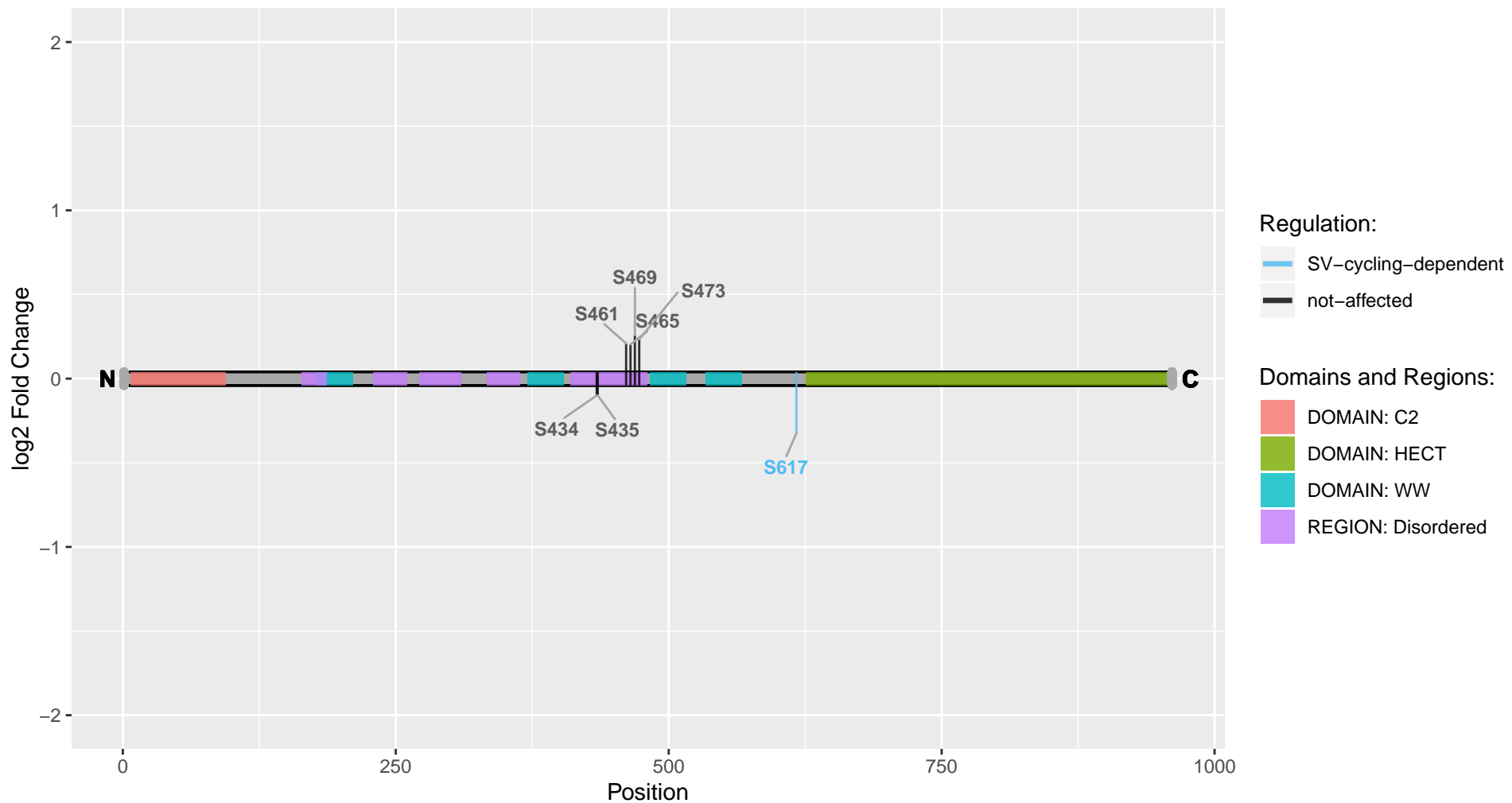
NADH dehydrogenase (Ubiquinone) Fe-S protein 5



Nedd4l

Uniprot Accession: A0A0G2JXP3

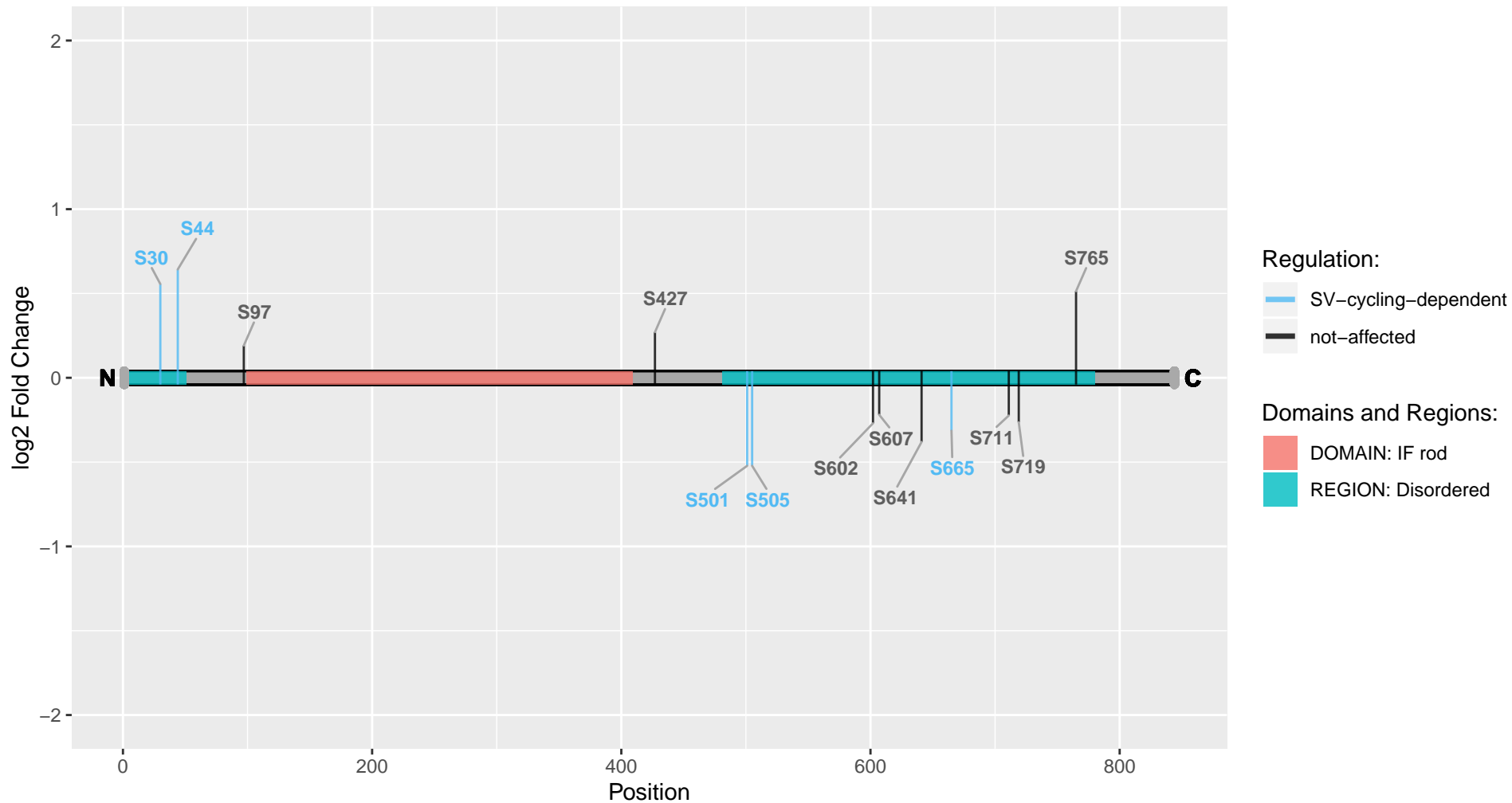
Neural precursor cell-expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase



Nefm

Uniprot Accession: G3V7S2

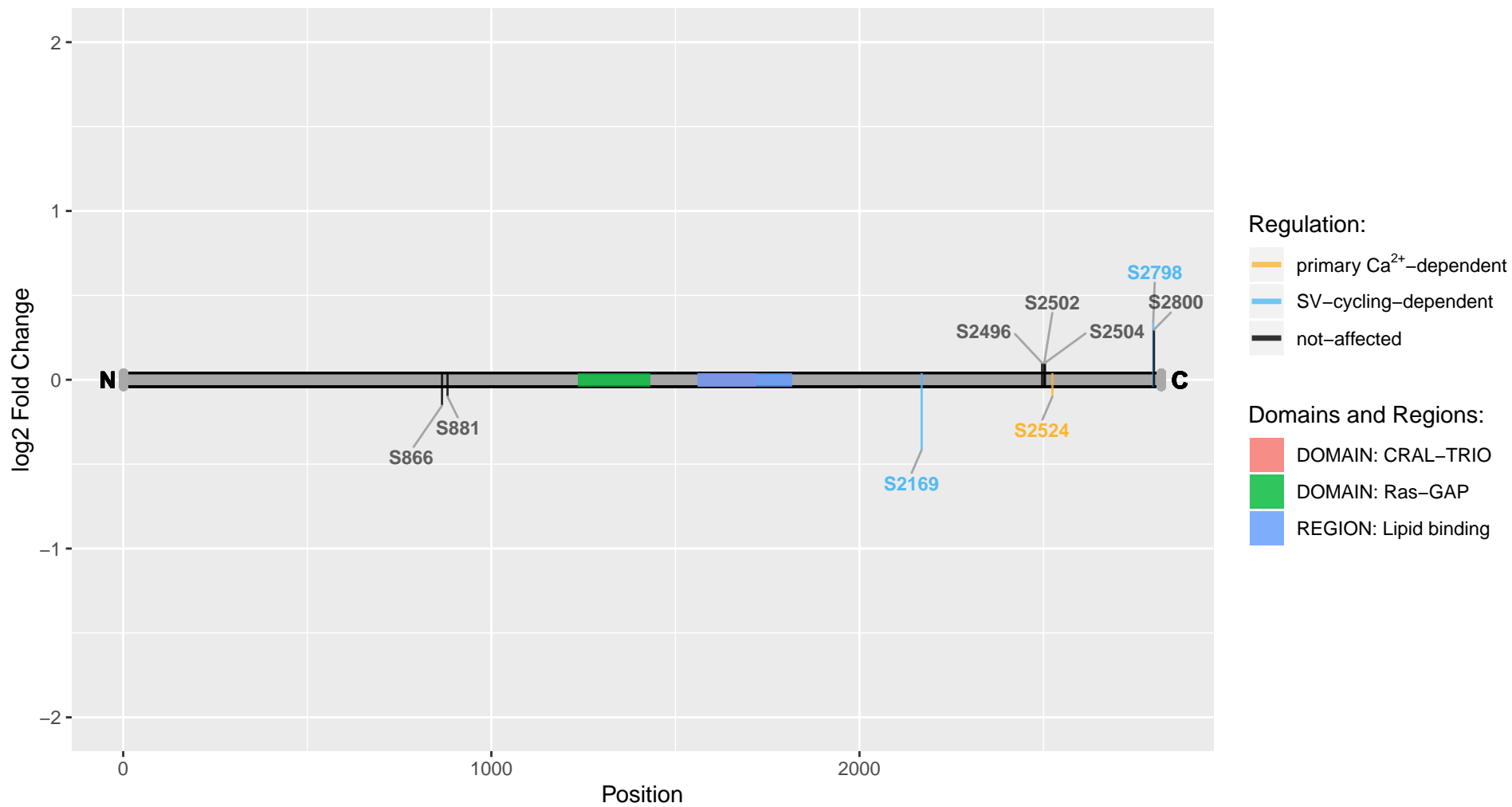
Neurofilament medium polypeptide



Nf1

Uniprot Accession: P97526

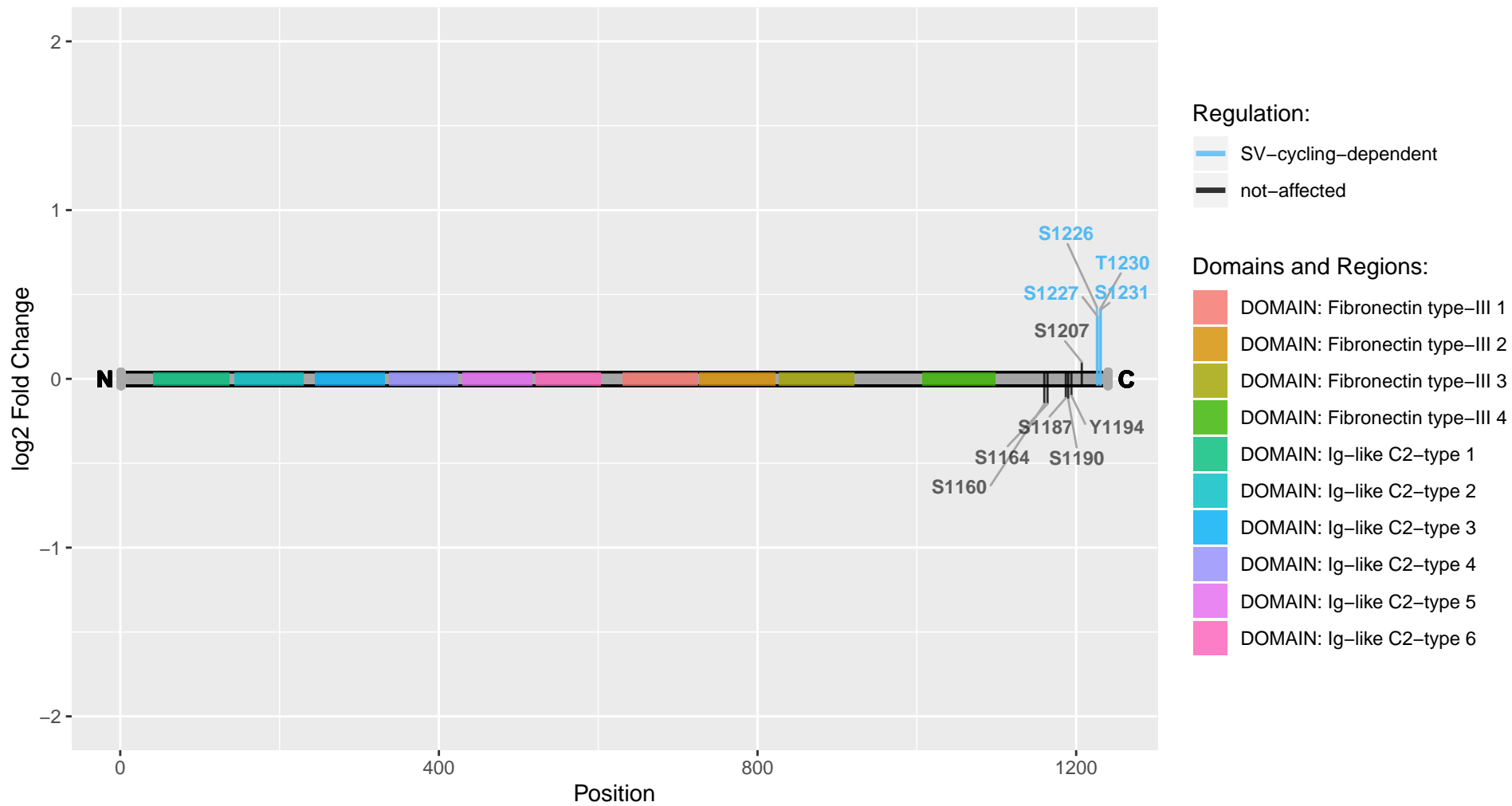
Neurofibromin



Nfasc

Uniprot Accession: P97685

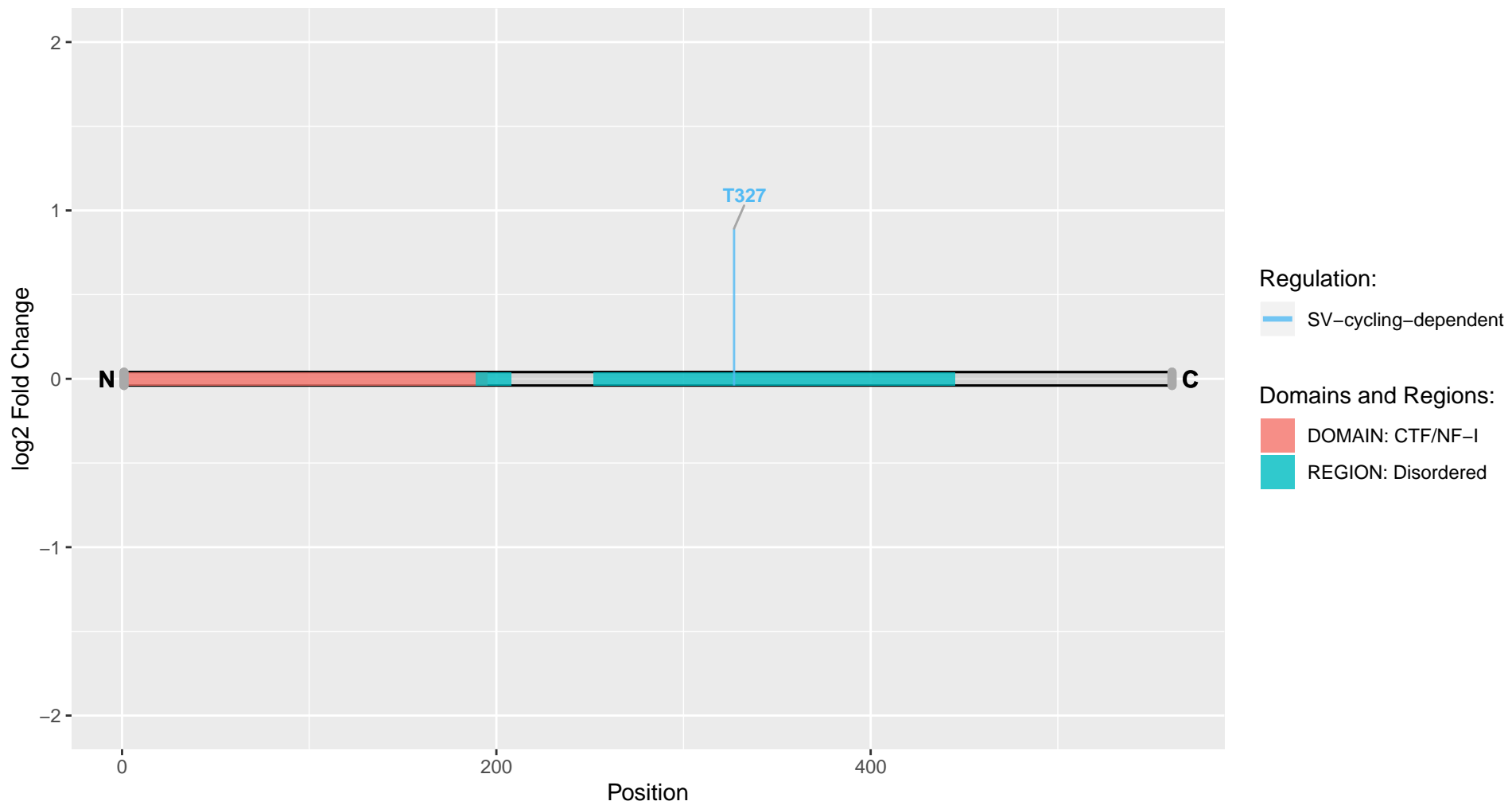
Neurofascin



Nfib

Uniprot Accession: O70185

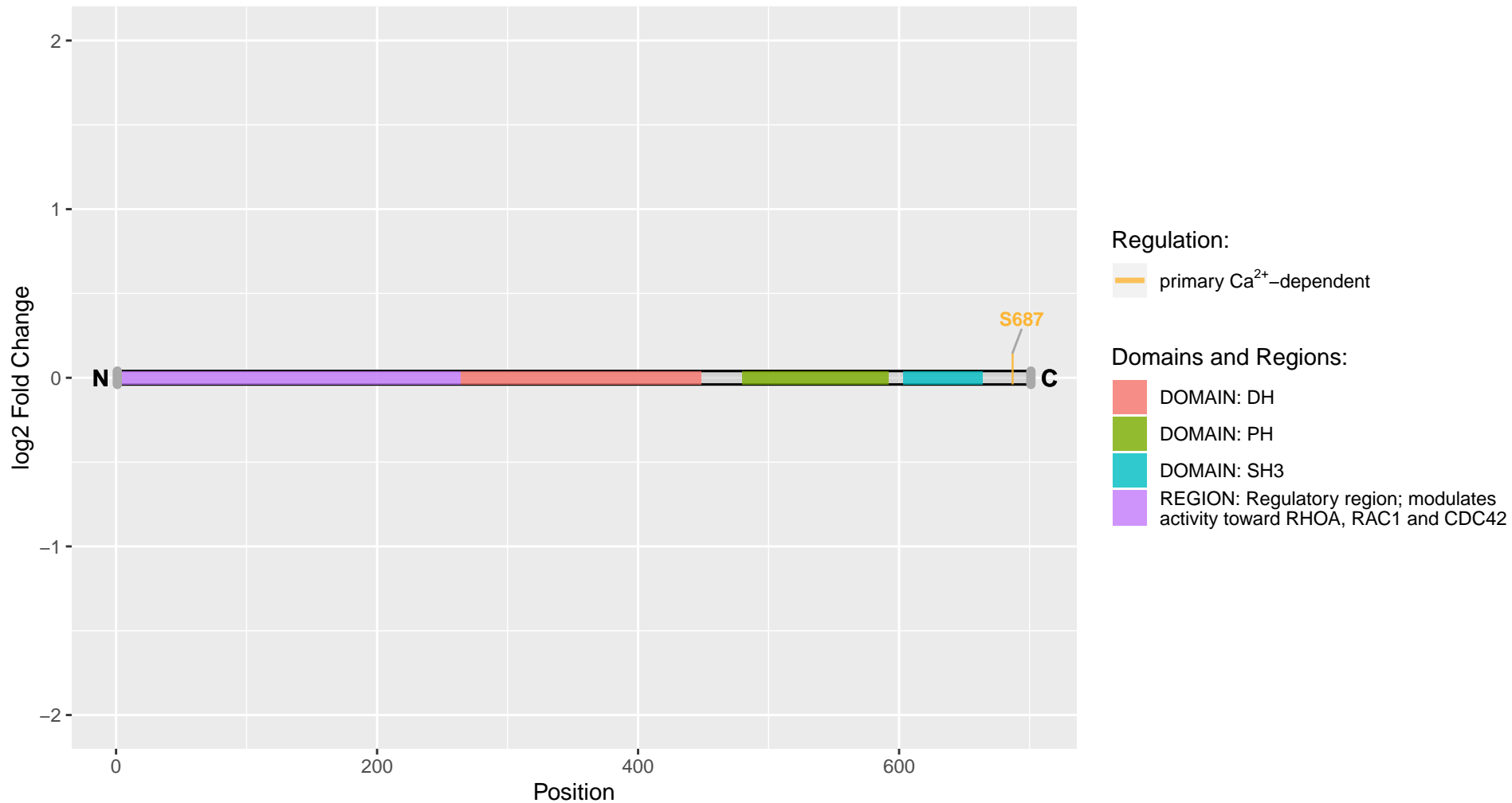
Nuclear factor 1



Ngef

Uniprot Accession: Q5BKC9

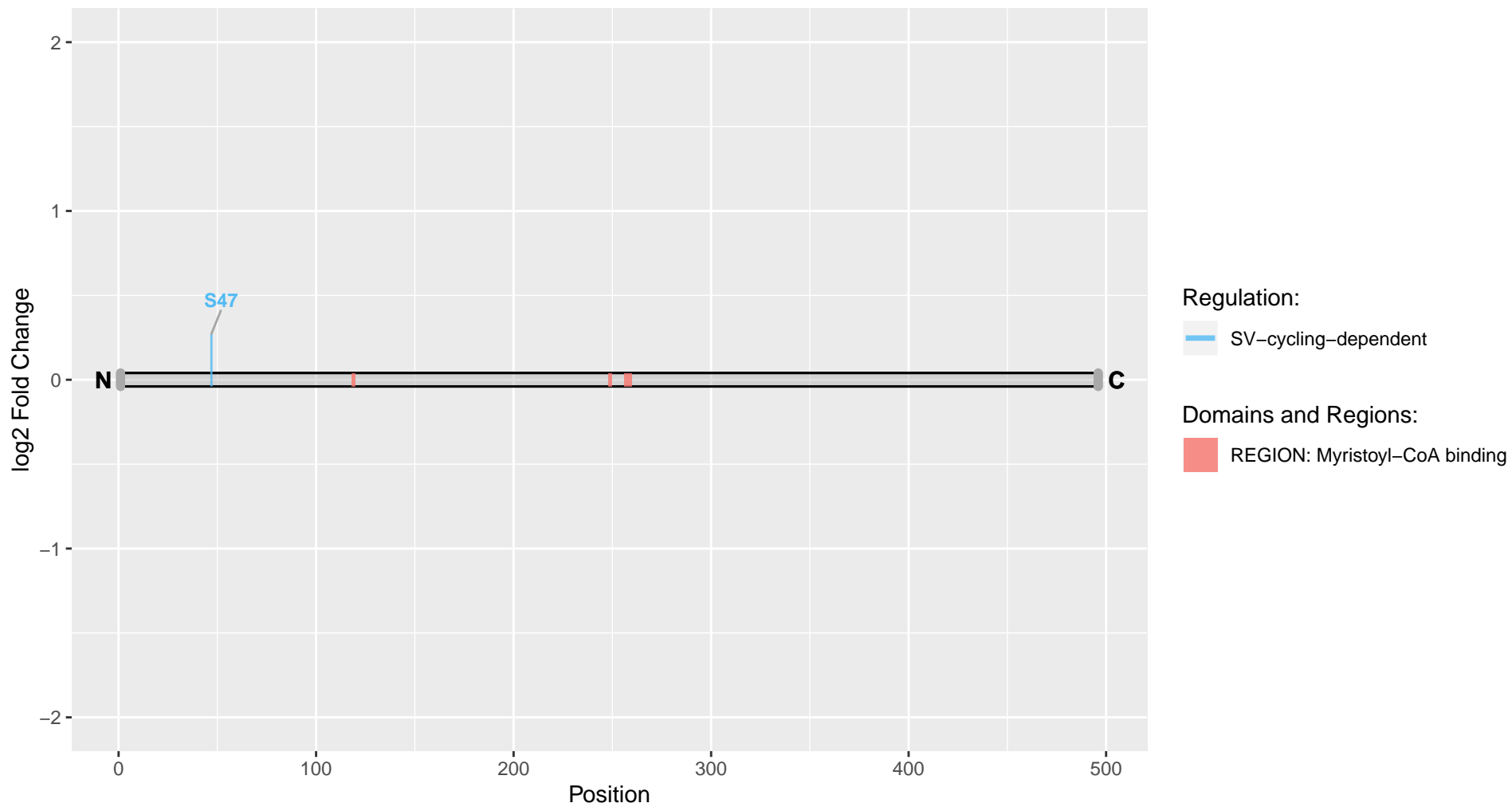
Ephexin-1



Nmt1

Uniprot Accession: Q8K1Q0

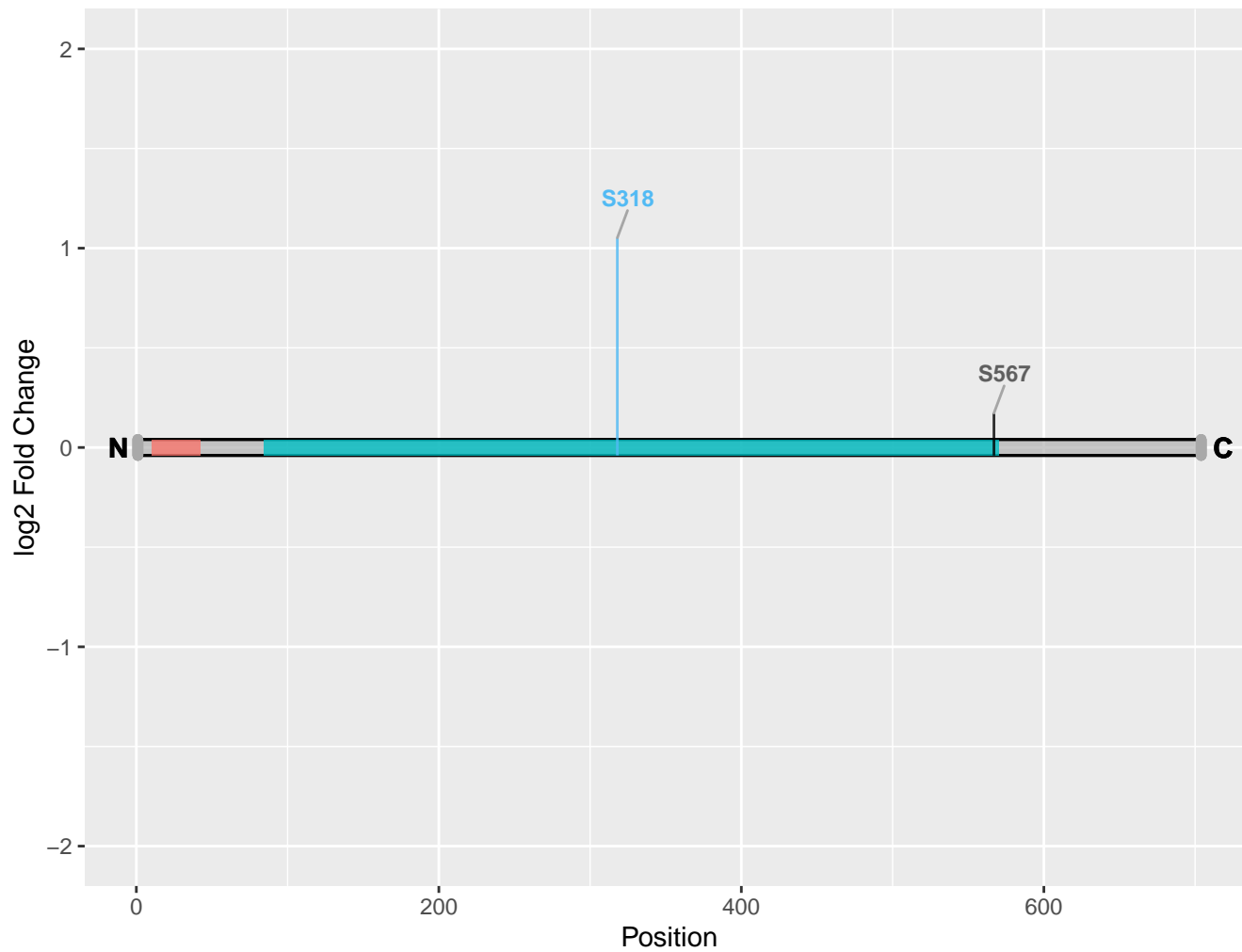
Glycylpeptide N-tetradecanoyltransferase 1



Nolc1

Uniprot Accession: P41777

Nucleolar and coiled-body phosphoprotein 1



Regulation:

- SV-cycling-dependent
- not-affected

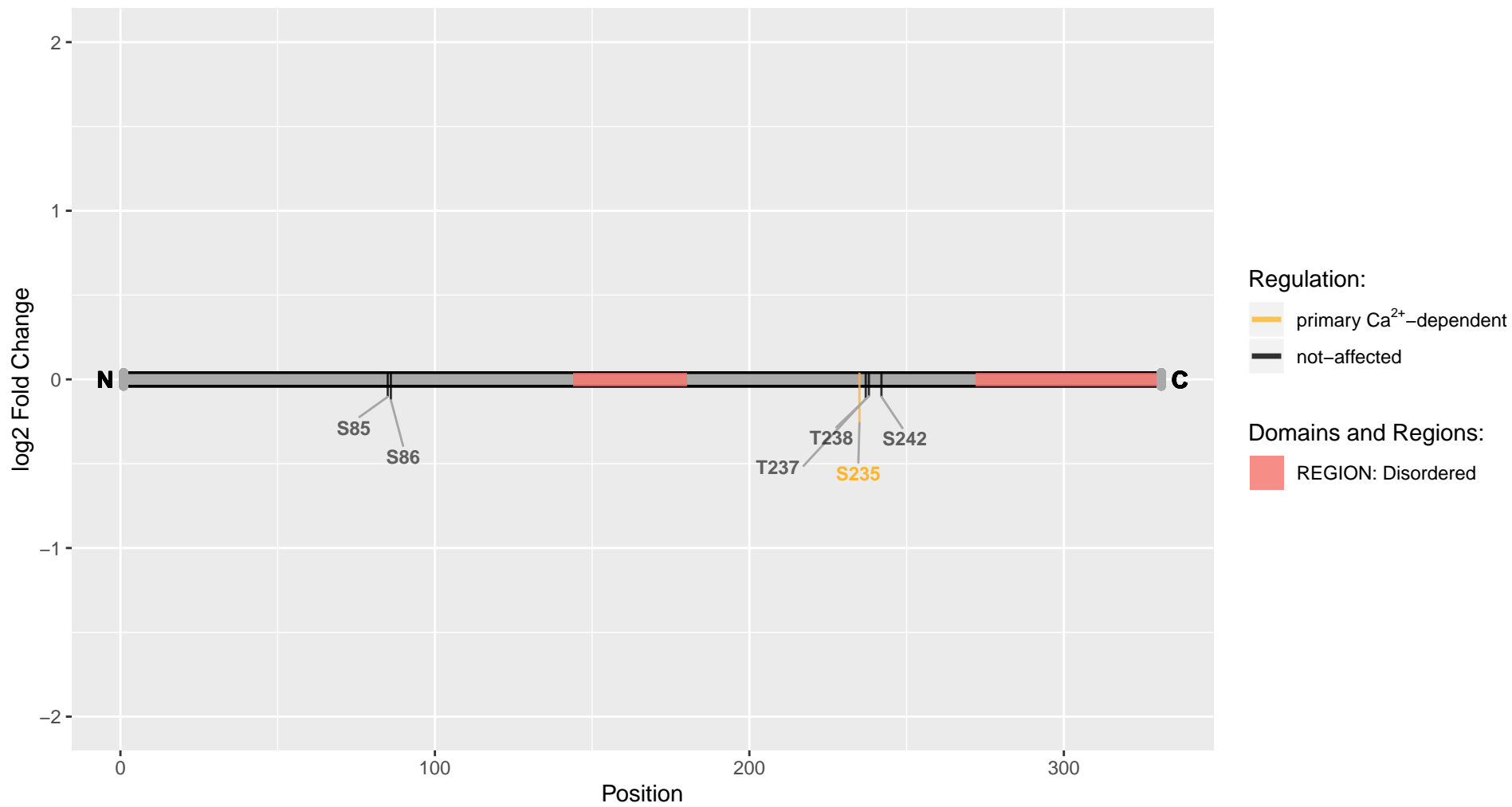
Domains and Regions:

- DOMAIN: LisH
- REGION: 11 X 12 AA approximate repeats of an acidic serine cluster

Npdc1

Uniprot Accession: Q6AY81

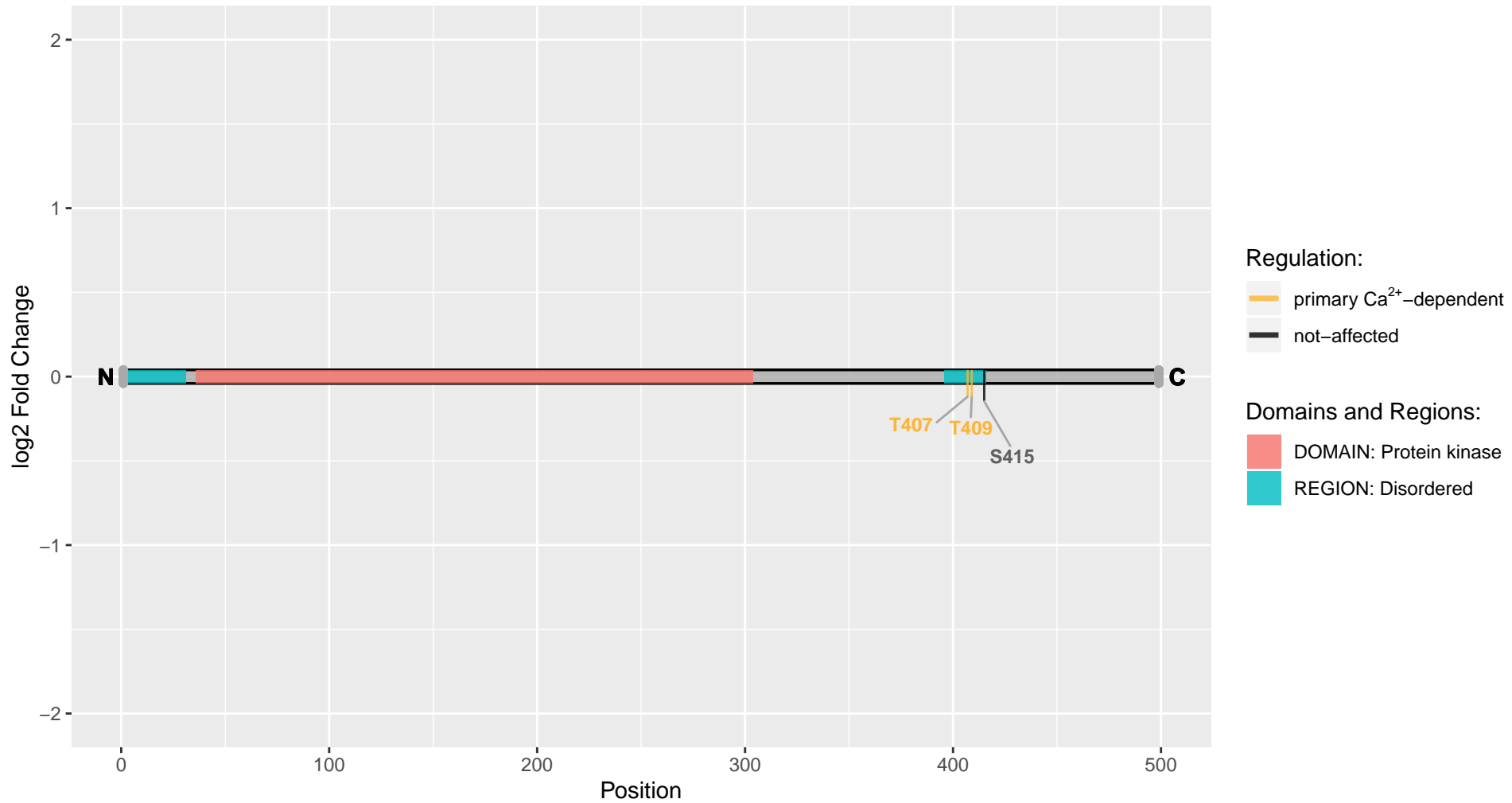
Neural proliferation, differentiation and control, 1



Nrbp2

Uniprot Accession: A0A0G2JT23

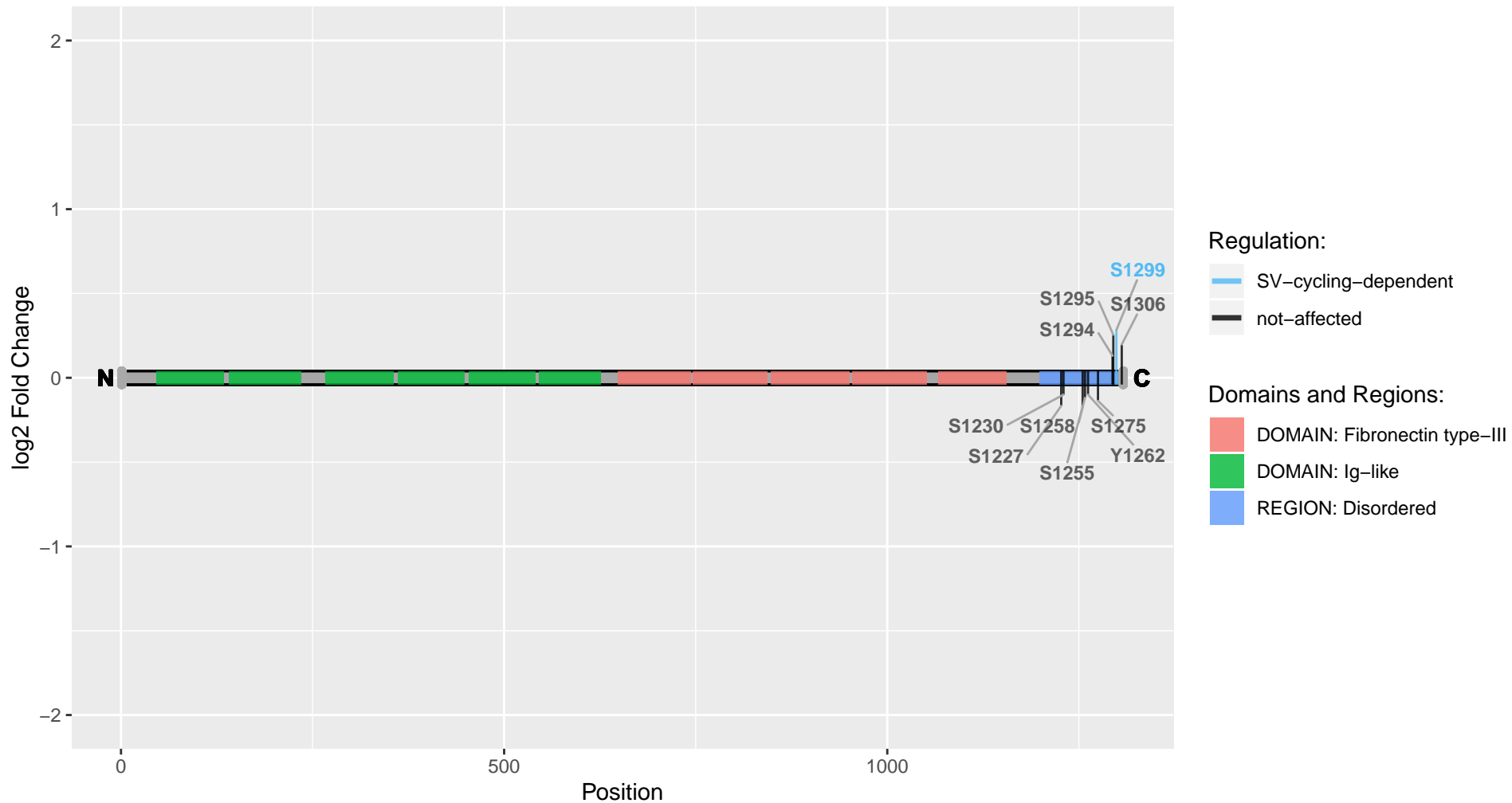
Nuclear receptor-binding protein 2



Nrcam

Uniprot Accession: A0A0G2K3Q5

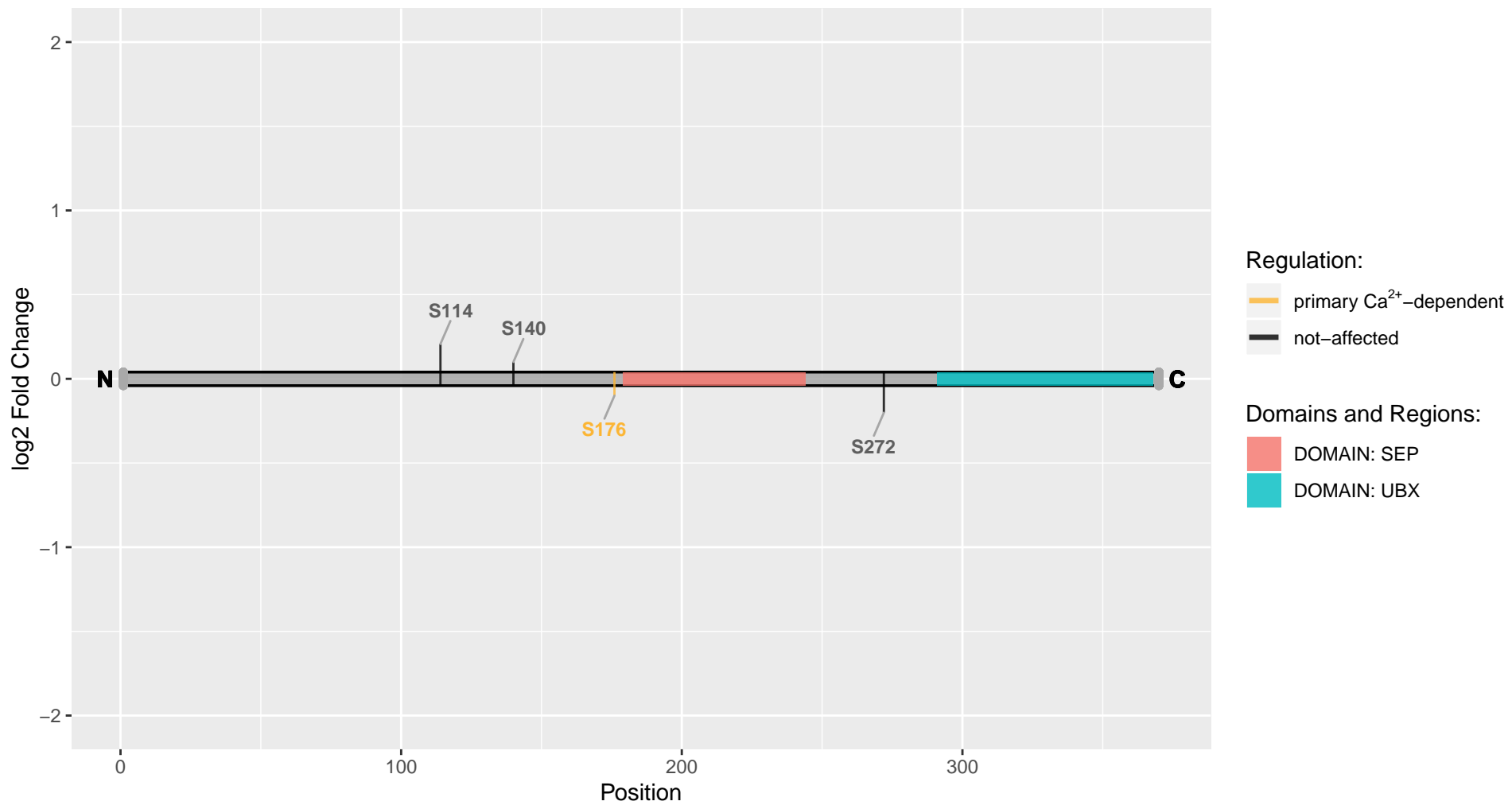
Neuronal cell adhesion molecule



Nsfl1c

Uniprot Accession: O35987

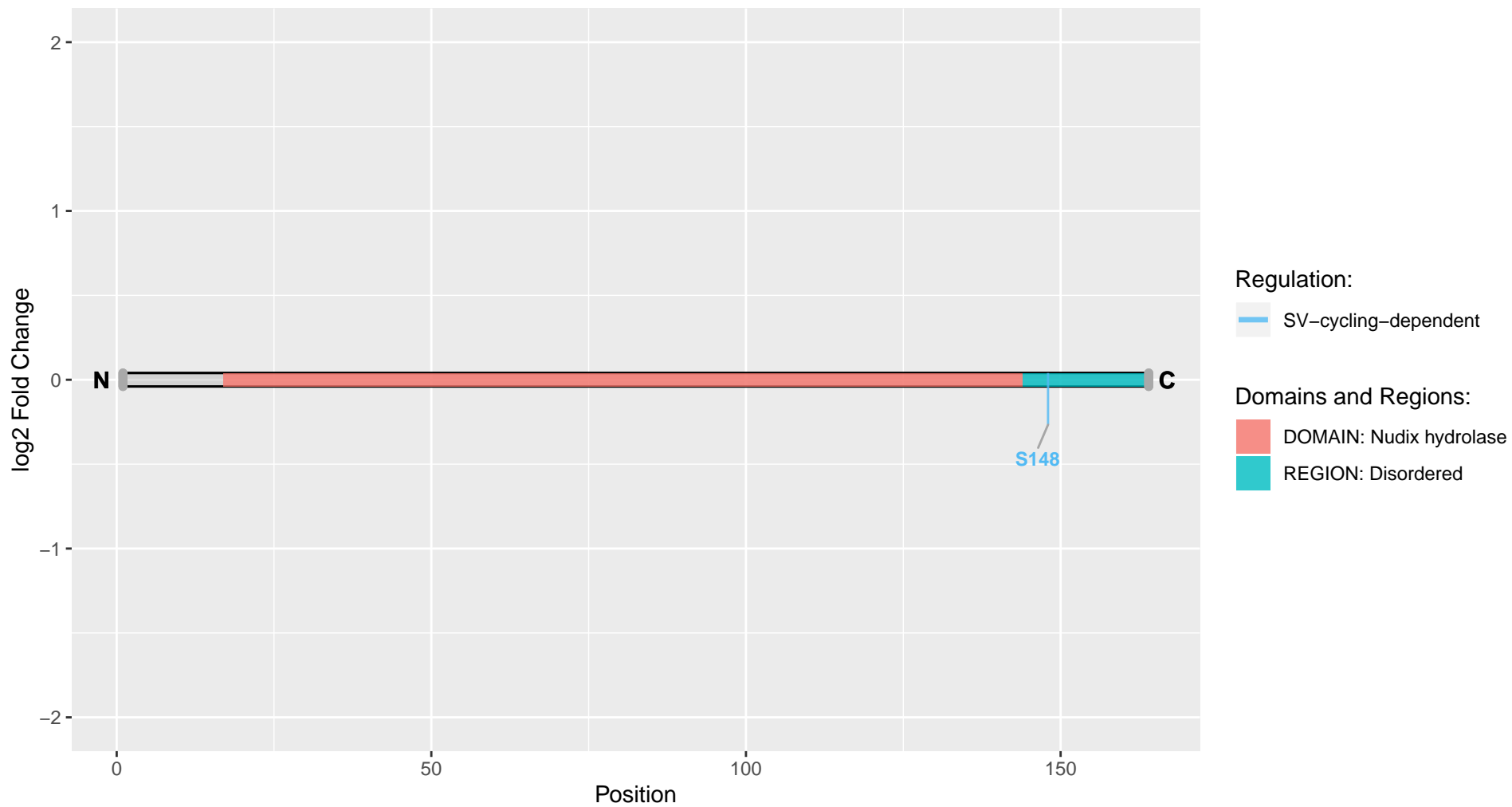
NSFL1 cofactor p47



Nudt10

Uniprot Accession: D3ZYH3

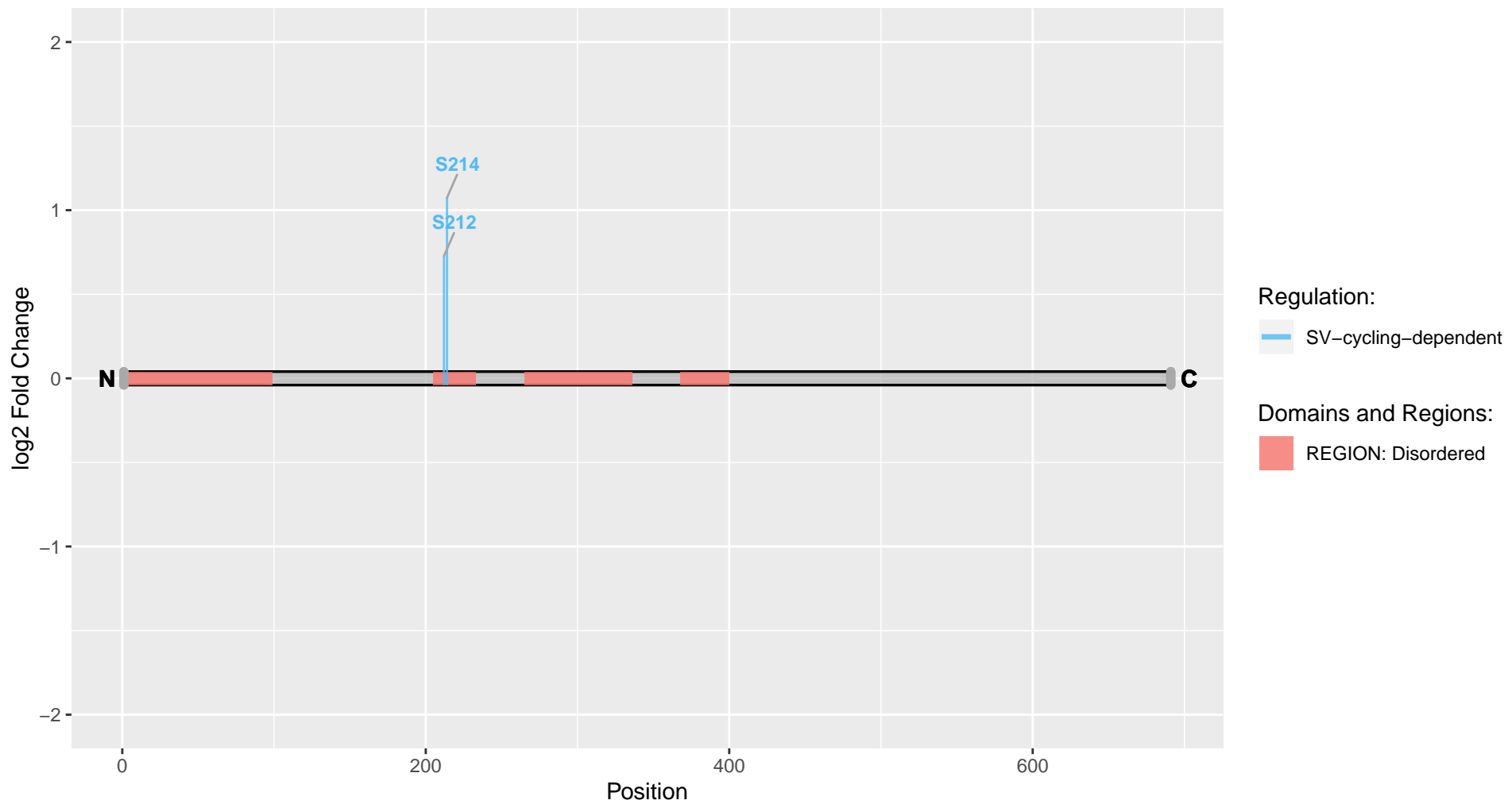
Nudix hydrolase 11



Nufip2

Uniprot Accession: D3ZC82

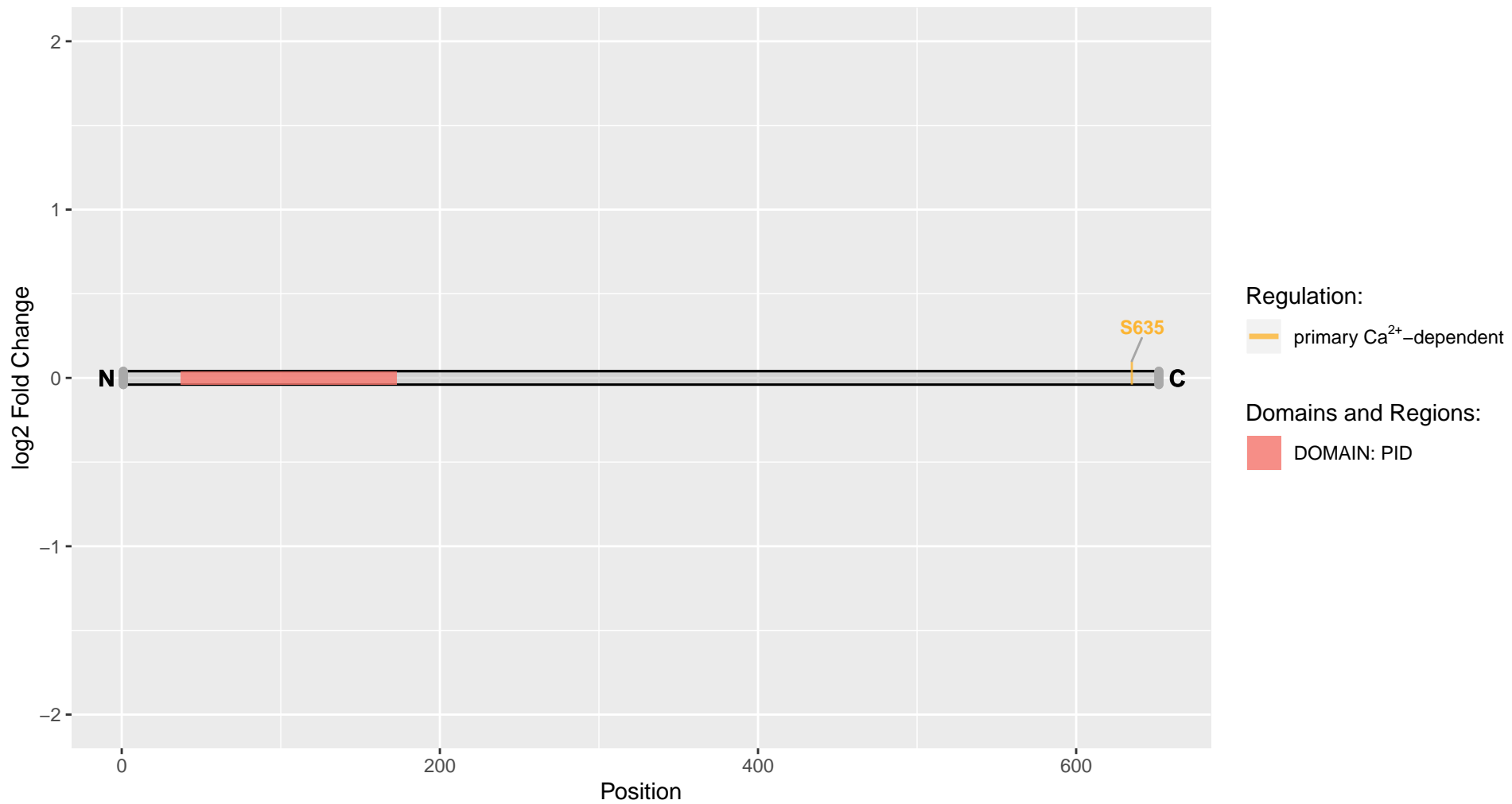
Nuclear FMR1-interacting protein 2



Numb

Uniprot Accession: Q2LC84

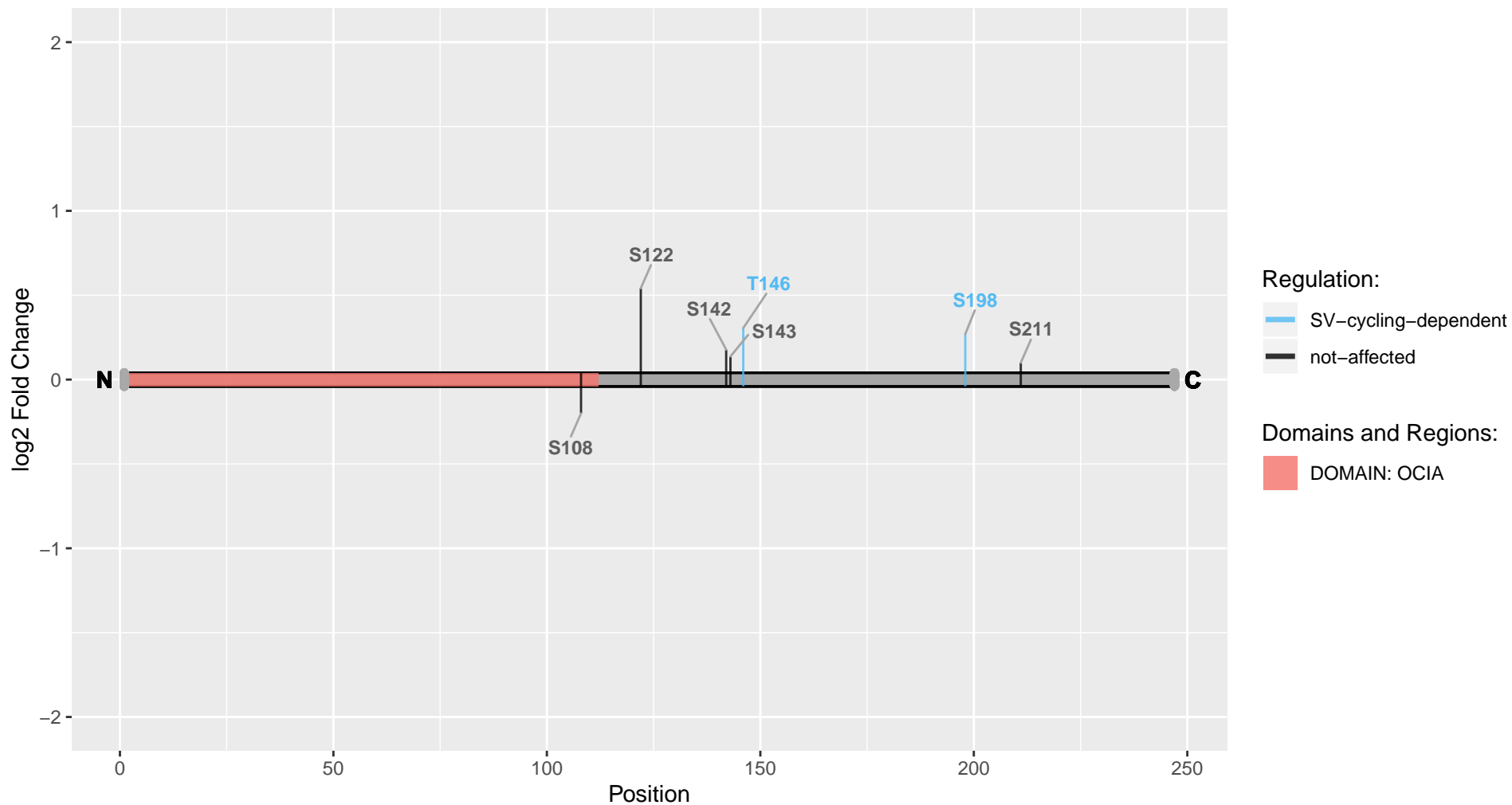
Protein numb homolog



Ociad1

Uniprot Accession: Q5XIG4

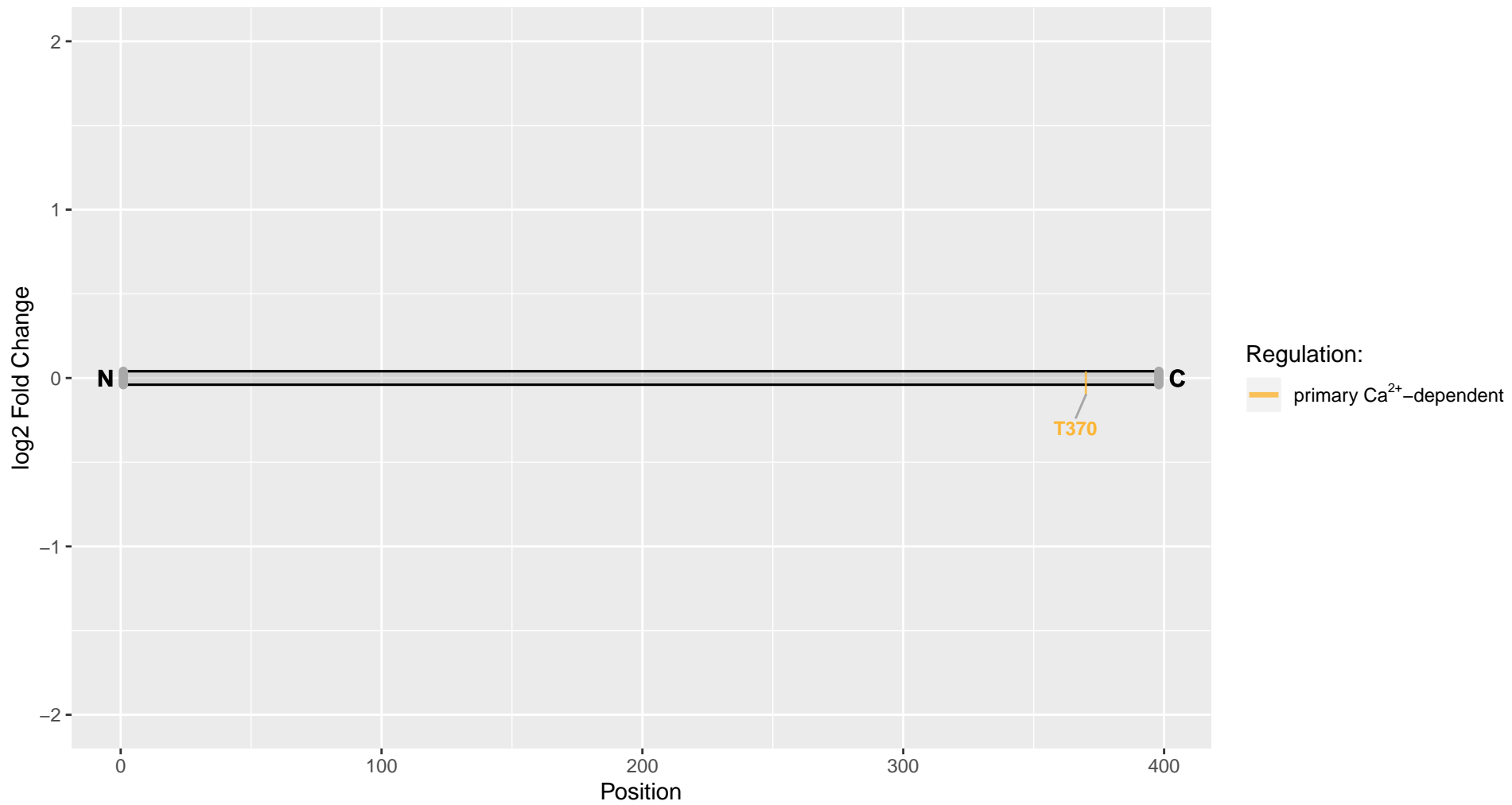
OCIA domain-containing protein 1



Oprm1

Uniprot Accession: P33535

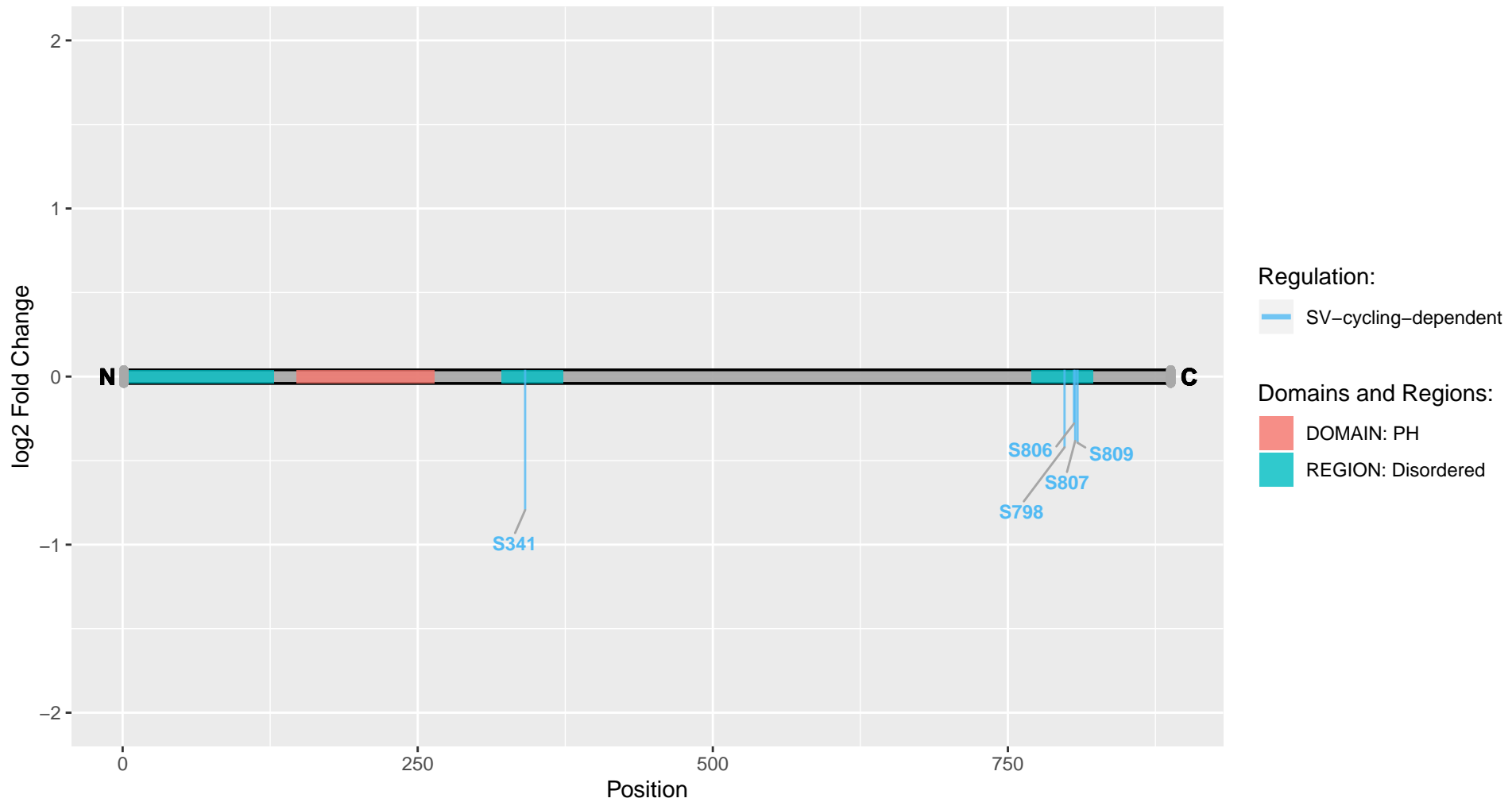
Mu-type opioid receptor



Osblp8

Uniprot Accession: A0A0G2JXN8

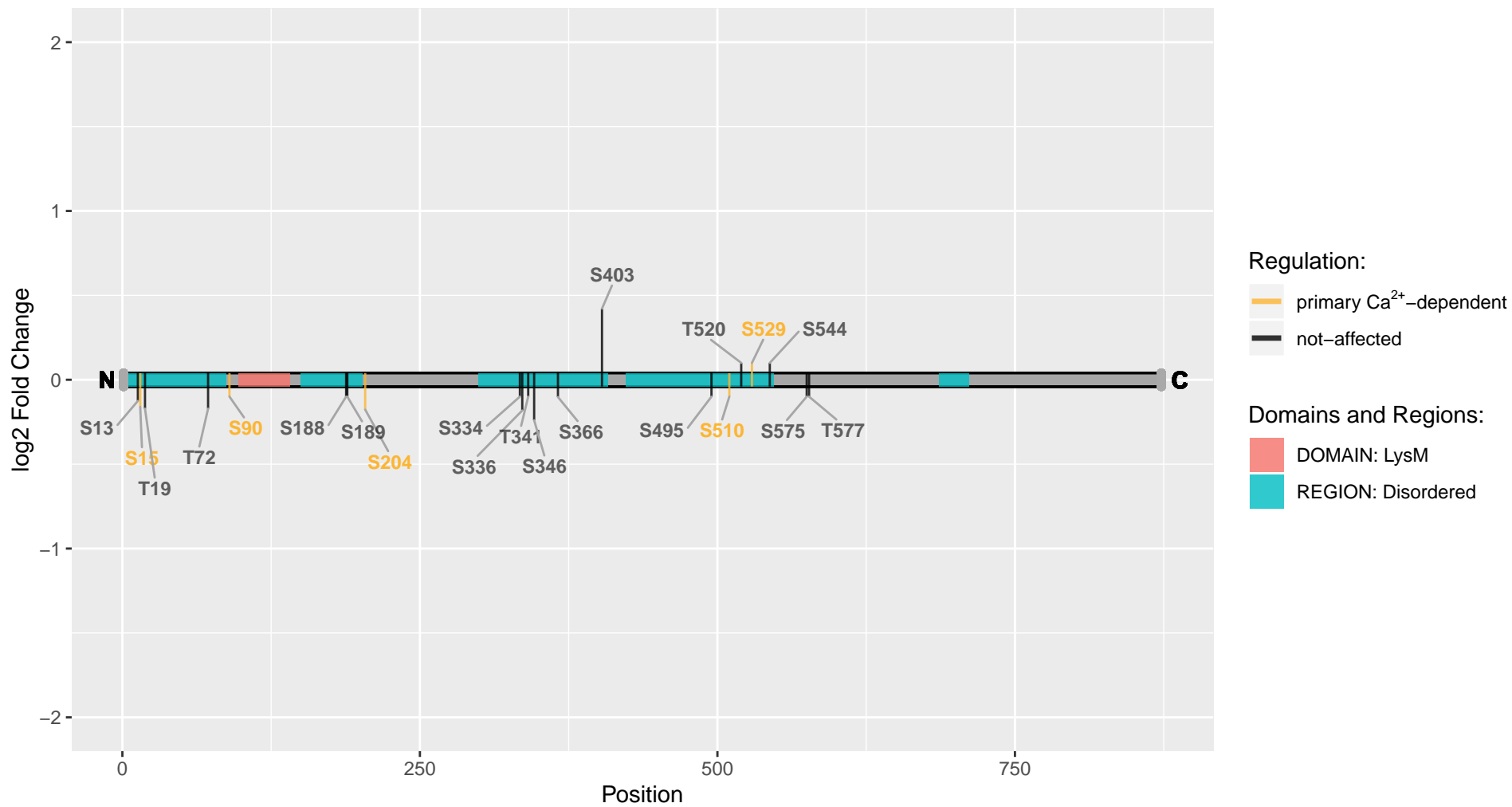
Oxysterol-binding protein



Oxr1

Uniprot Accession: A0A0G2K7Y2

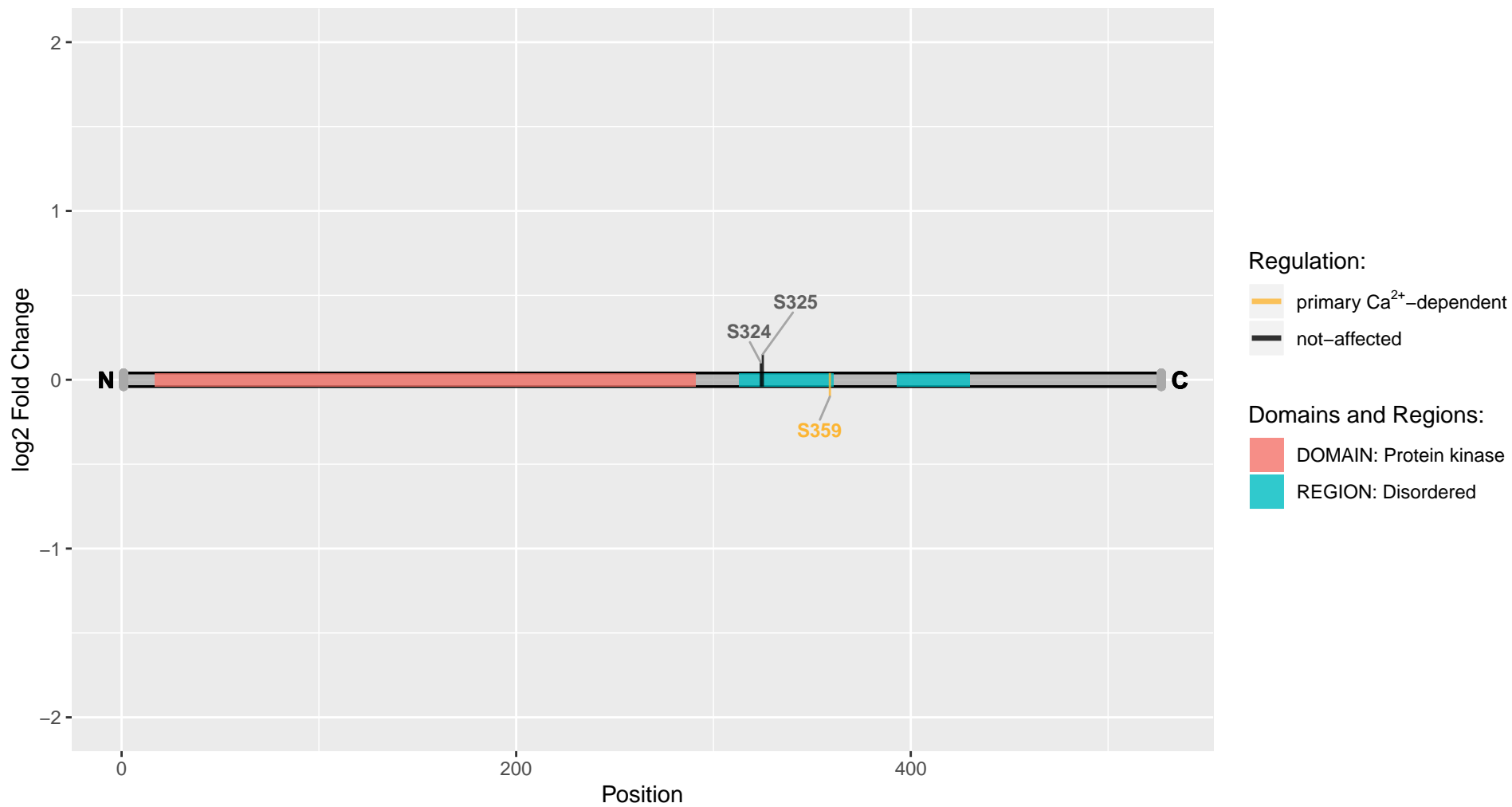
Oxidation resistance protein 1



Oxsr1

Uniprot Accession: D3ZUC9

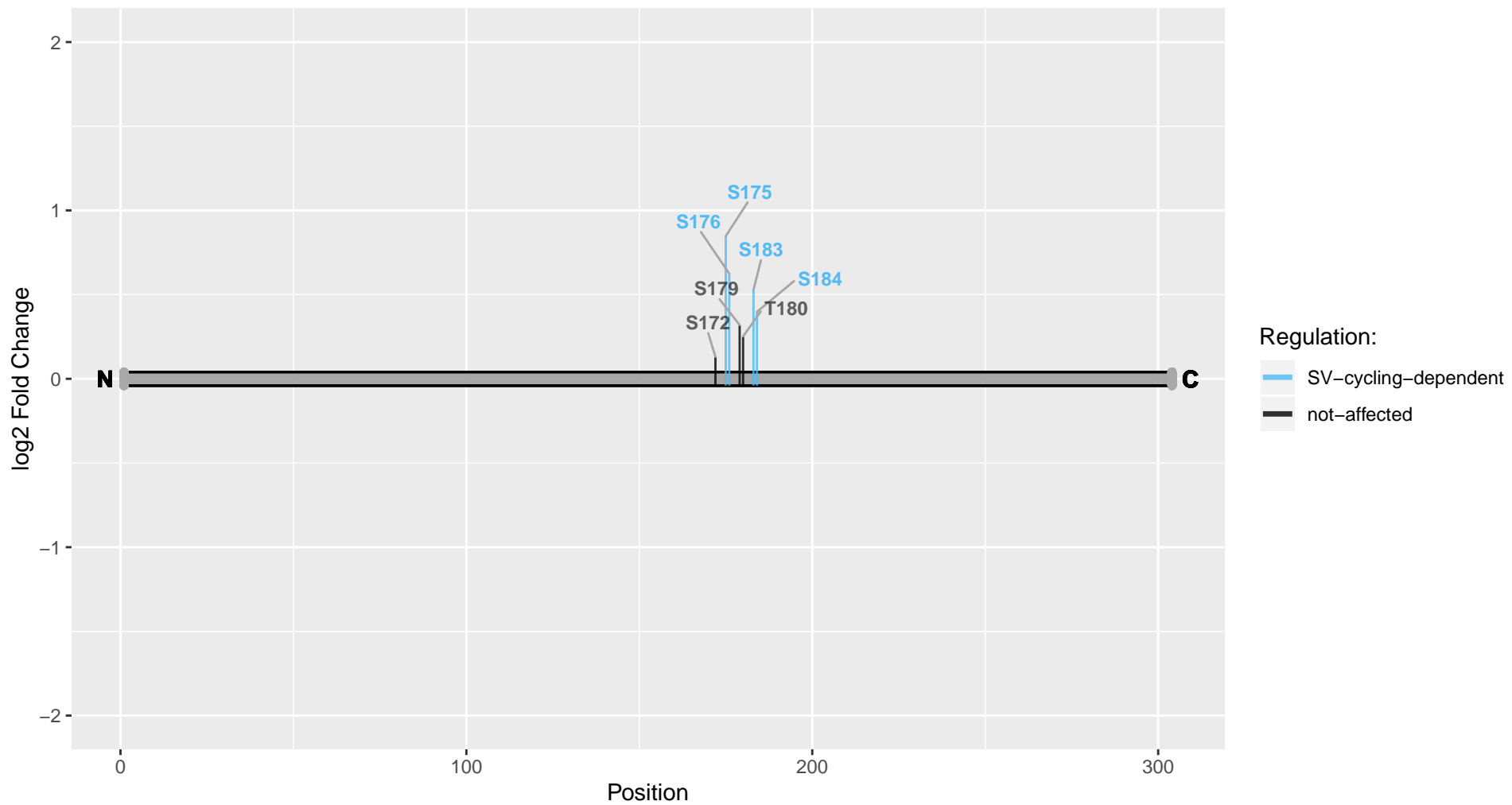
Oxidative stress-responsive kinase 1



P33monox

Uniprot Accession: Q5U2R6

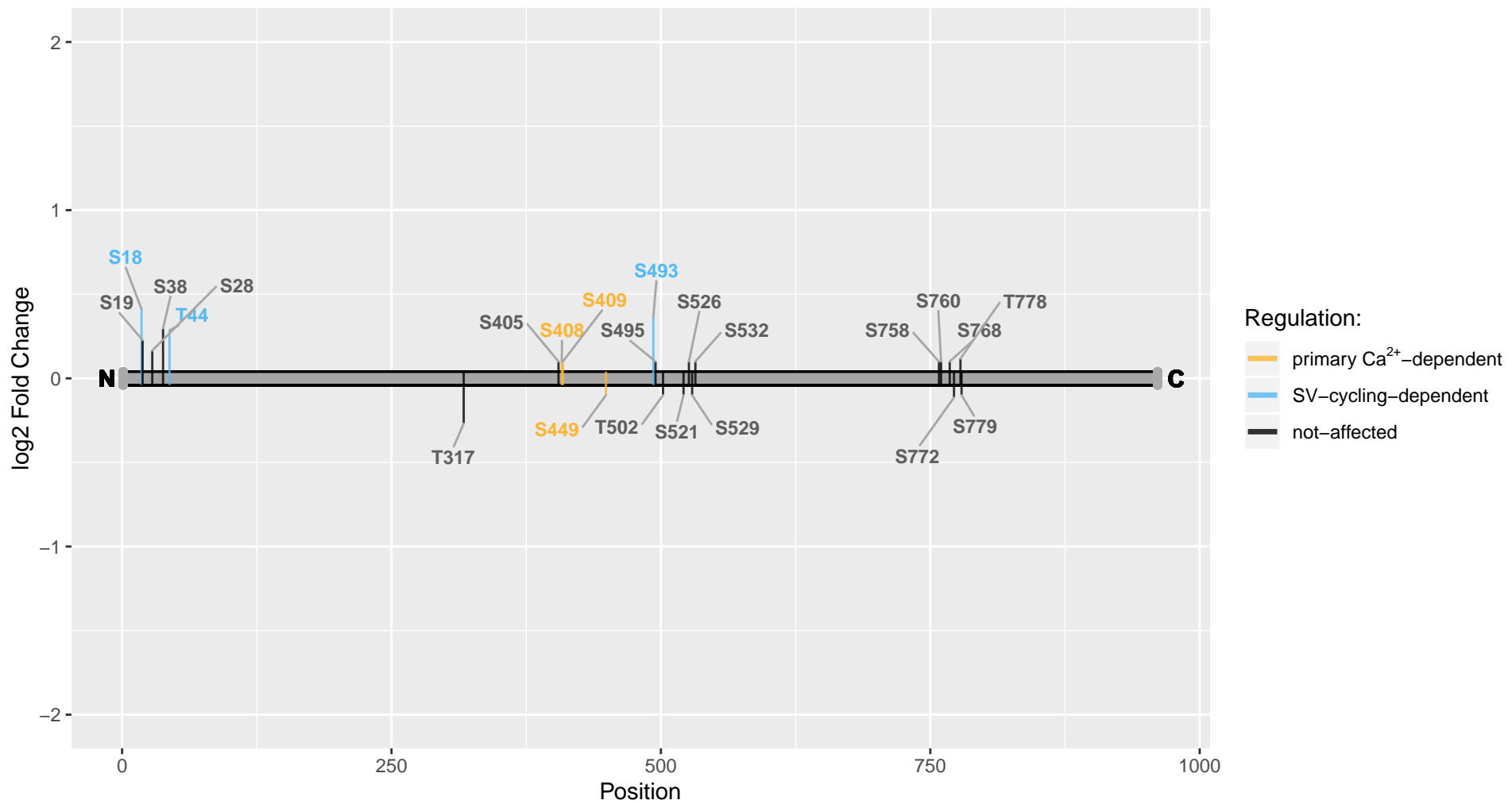
Putative monooxygenase p33MONOX



Pacs1

Uniprot Accession: O88588

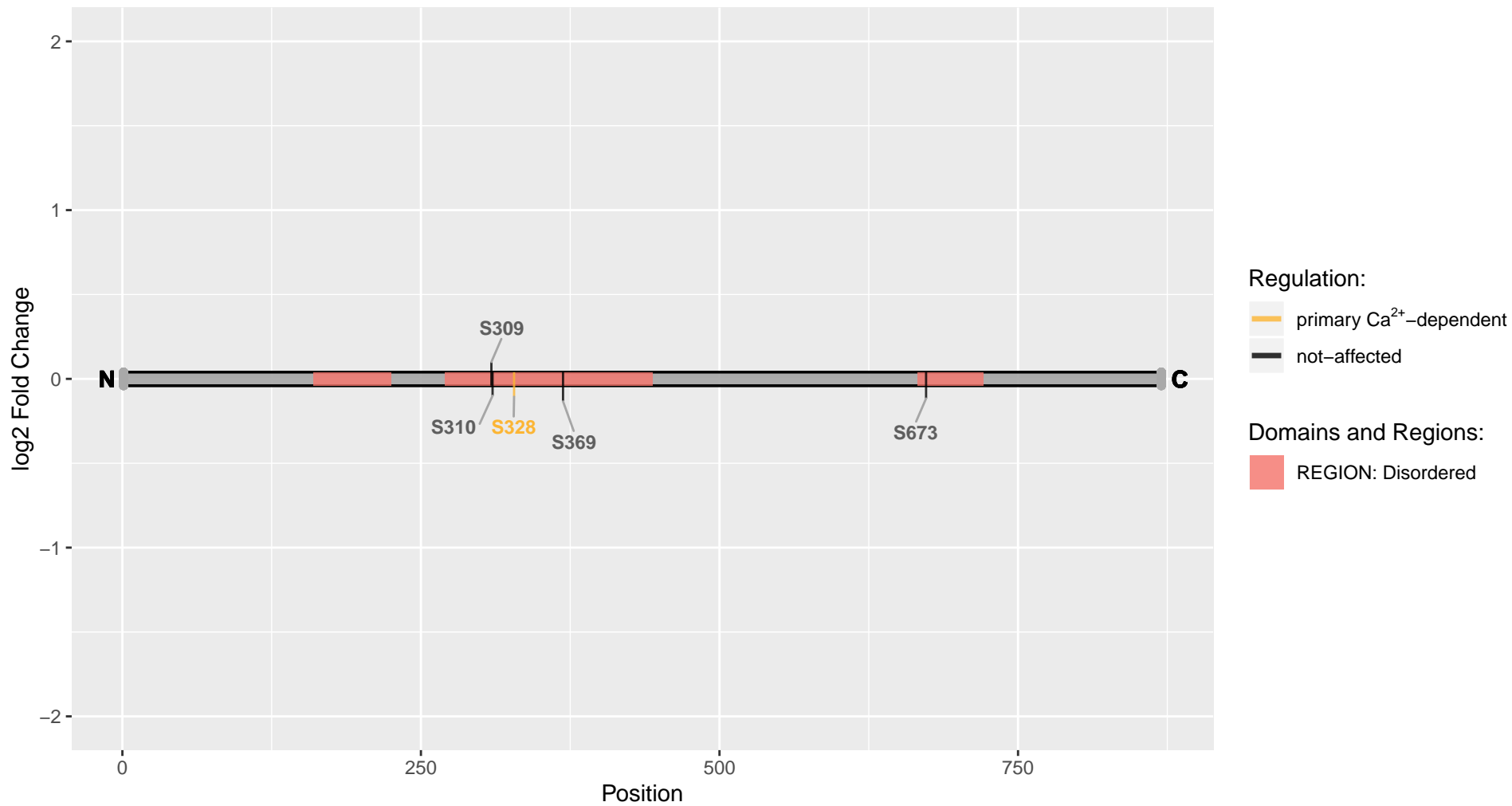
Phosphofurin acidic cluster sorting protein 1



Pacs2

Uniprot Accession: D3ZJG4

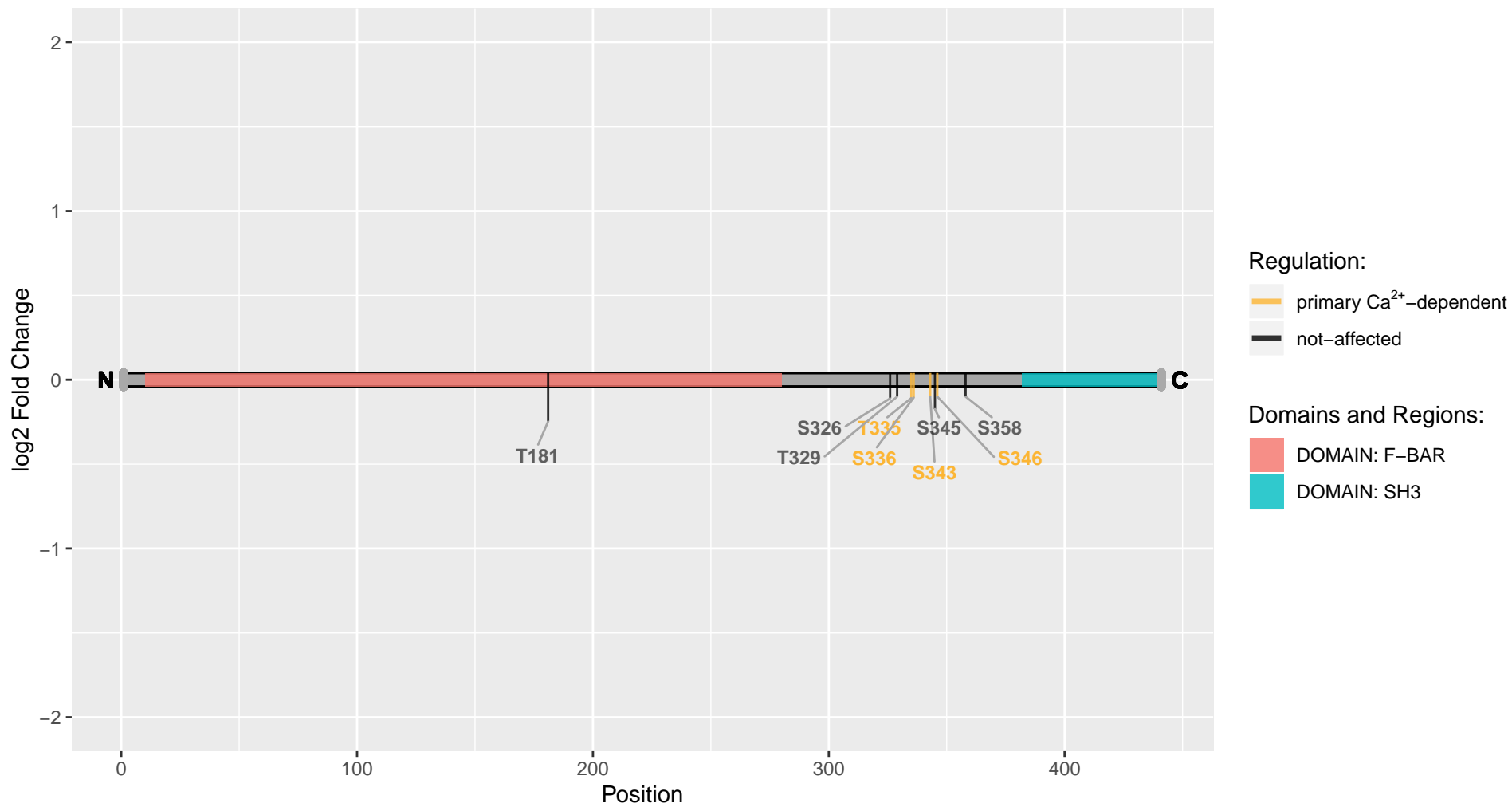
Phosphofurin acidic cluster sorting protein 2



Pacsin1

Uniprot Accession: Q9Z0W5

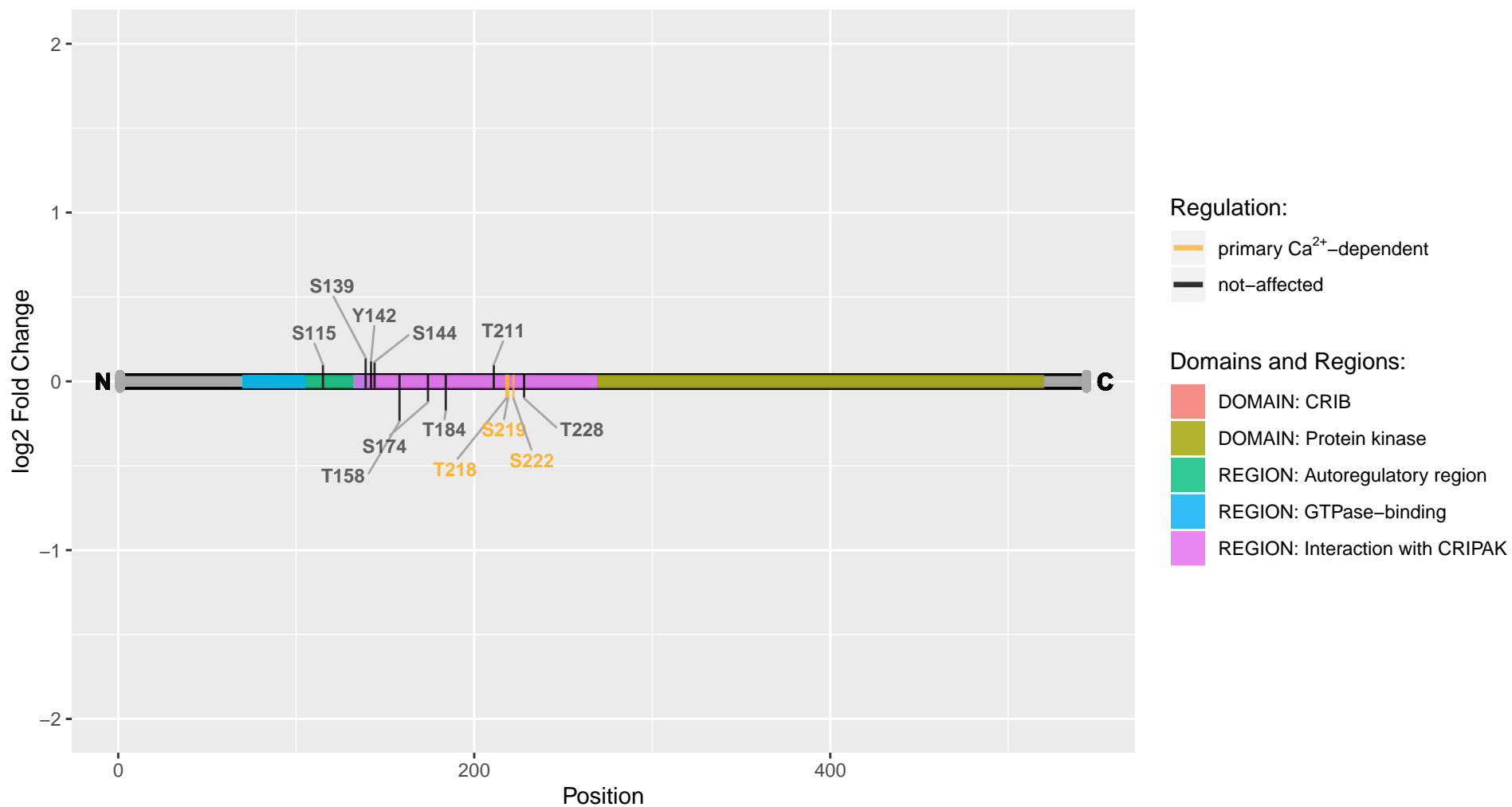
Protein kinase C and casein kinase substrate in neurons protein 1



Pak1

Uniprot Accession: P35465

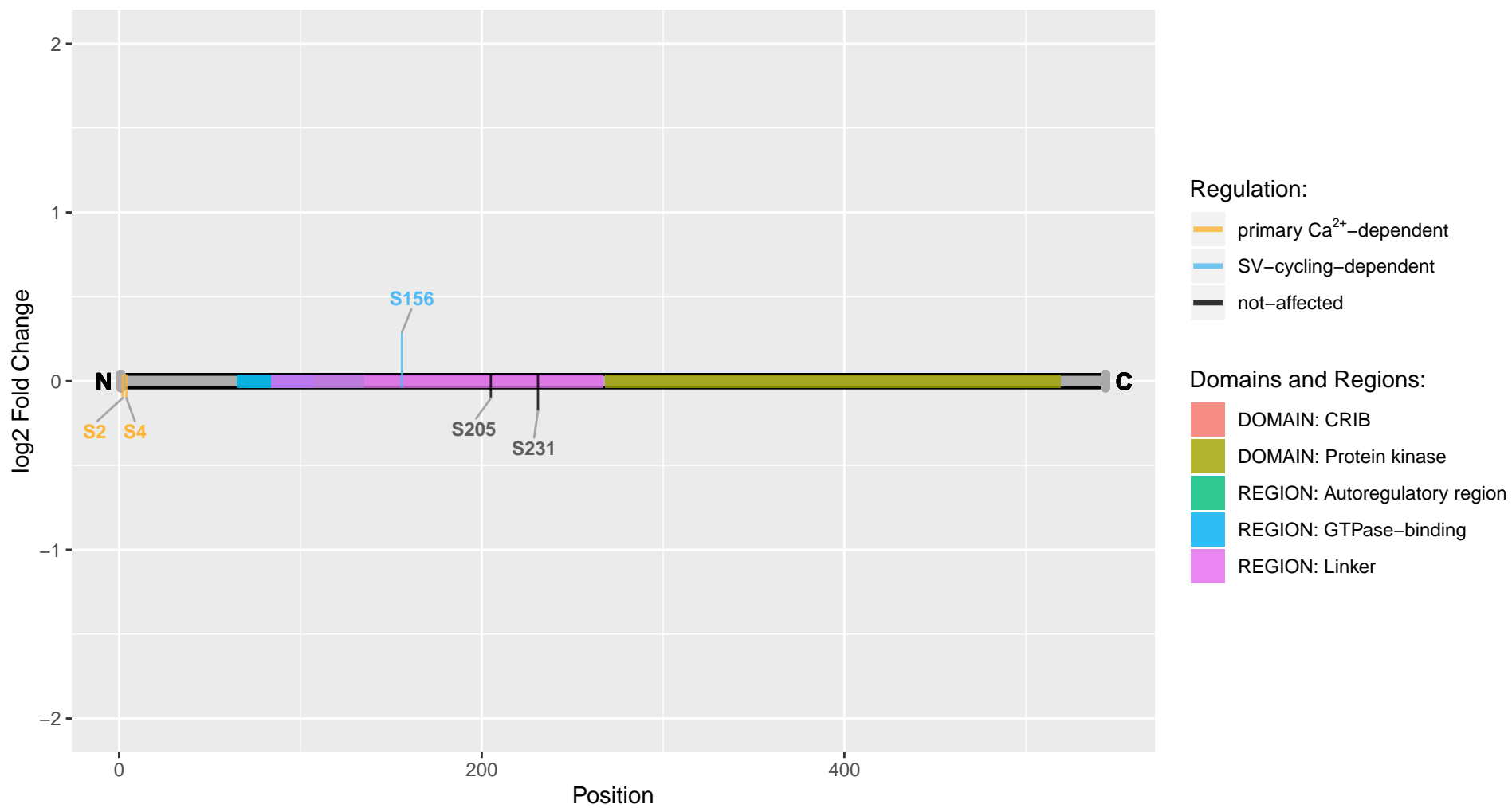
Serine/threonine-protein kinase PAK 1



Pak3

Uniprot Accession: Q62829

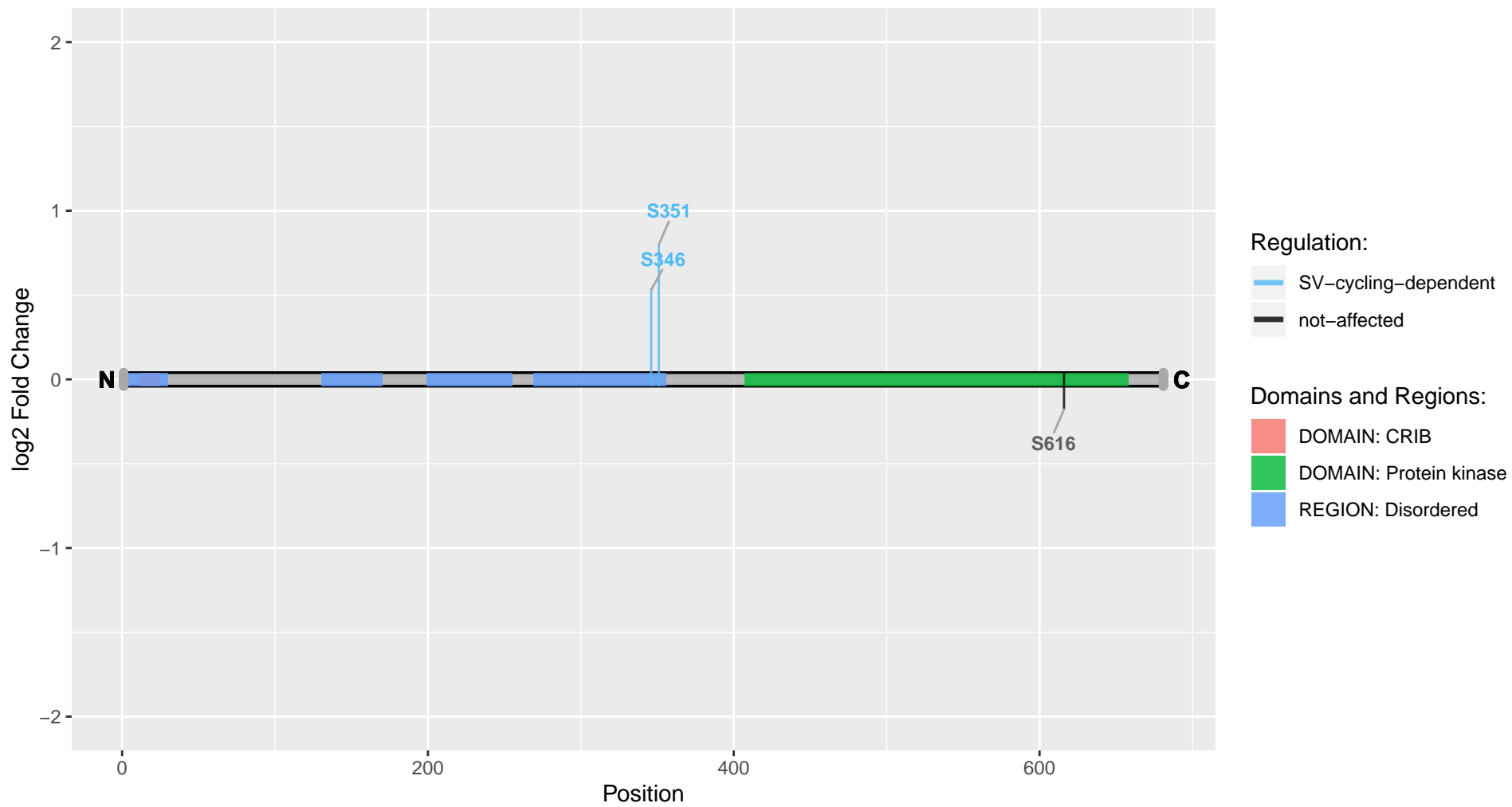
Serine/threonine-protein kinase PAK 3



Pak6

Uniprot Accession: D3ZQ51

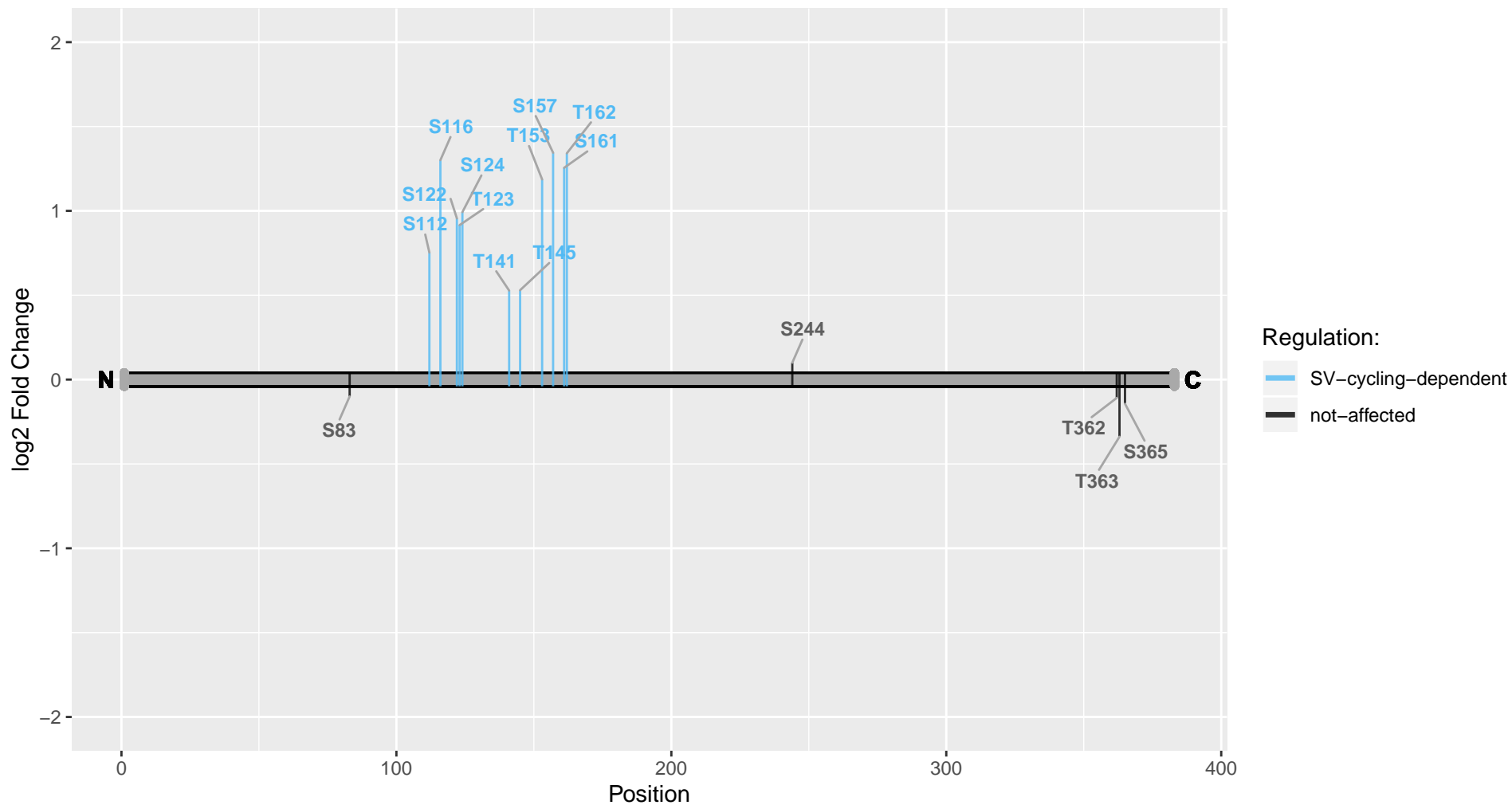
Non-specific serine/threonine protein kinase



Palm

Uniprot Accession: Q920Q0

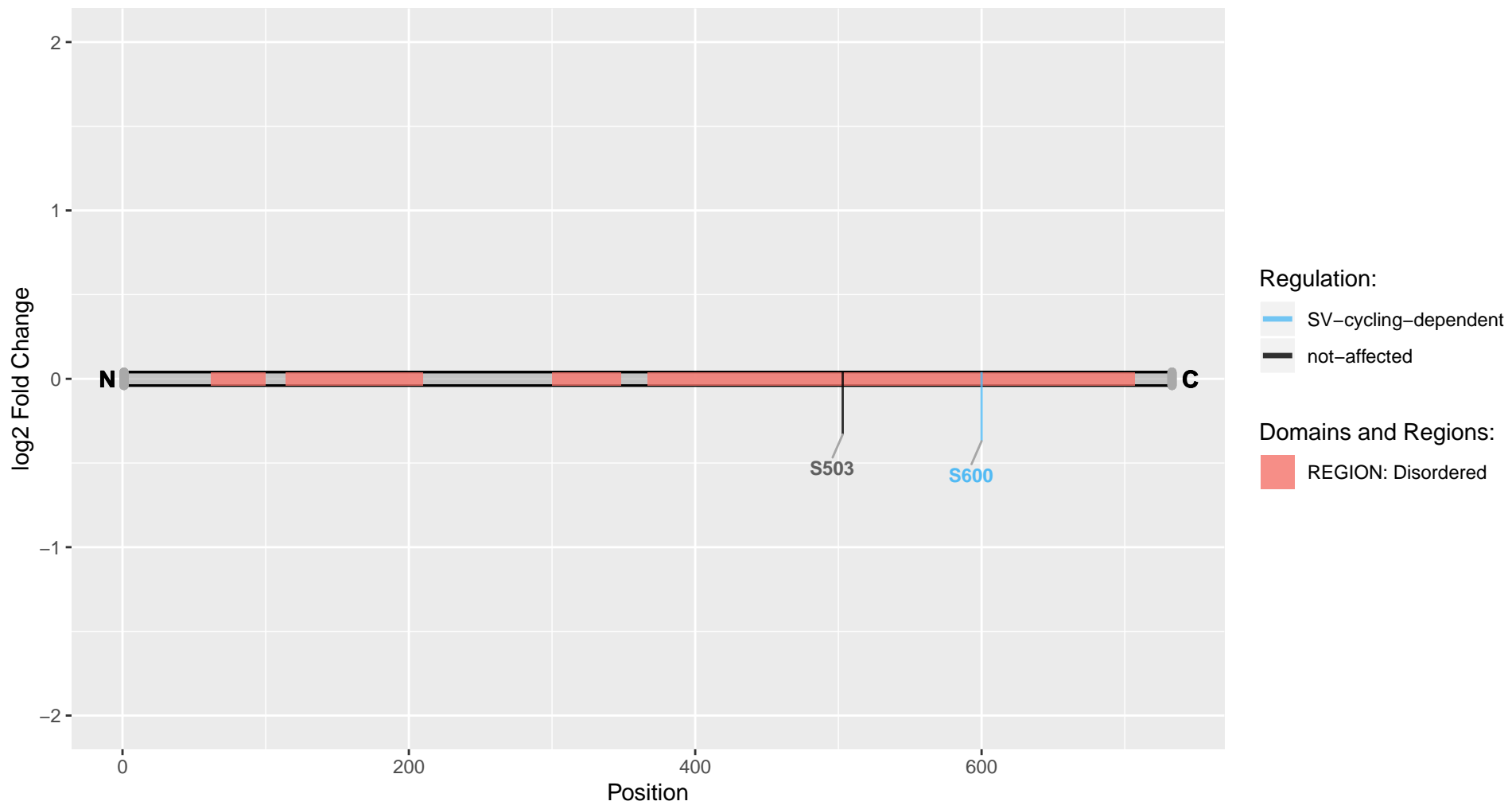
Paralemmin-1



Palm3

Uniprot Accession: D4A1J3

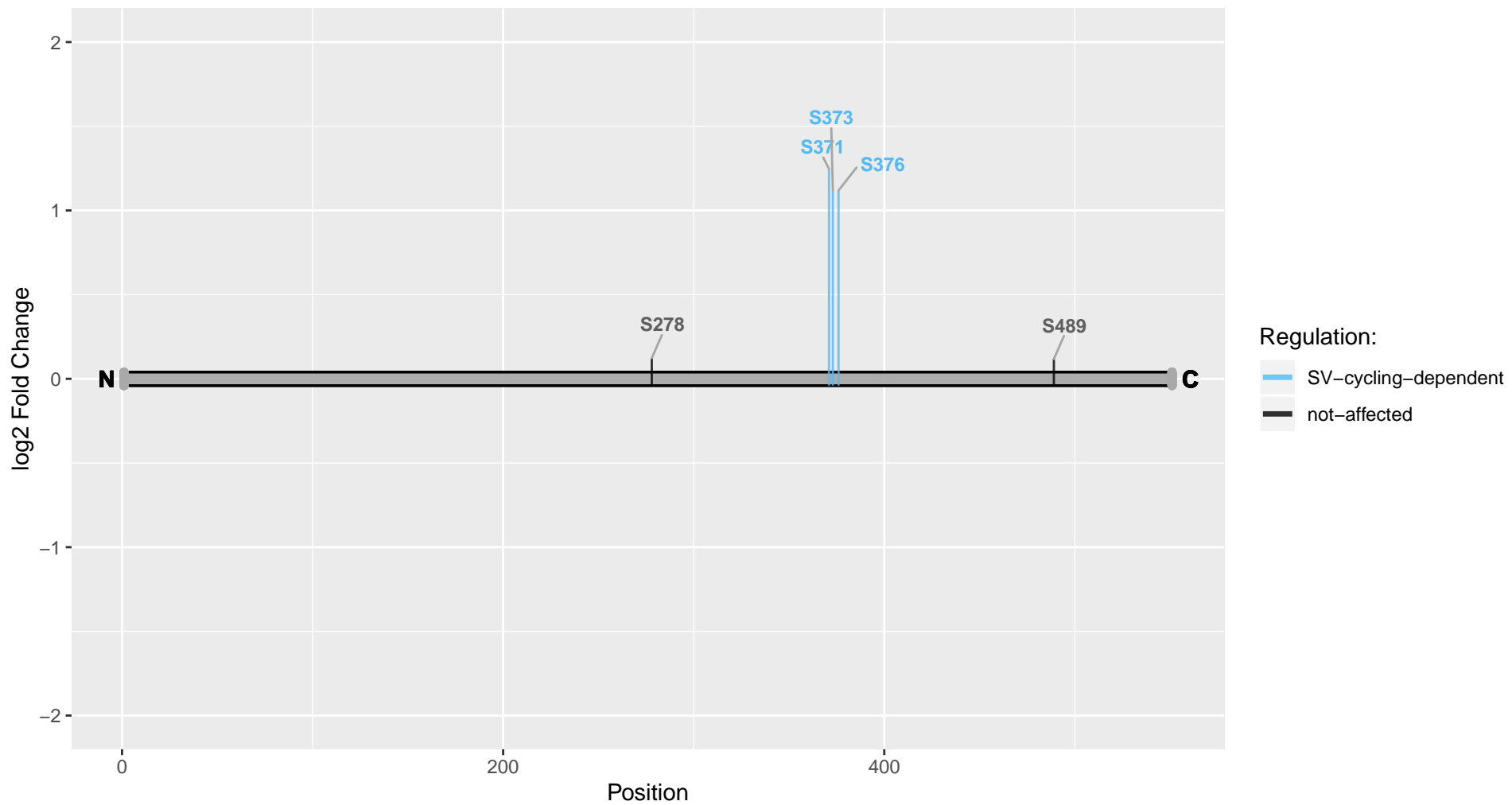
Paralemmin 3



Palmd

Uniprot Accession: Q4KM62

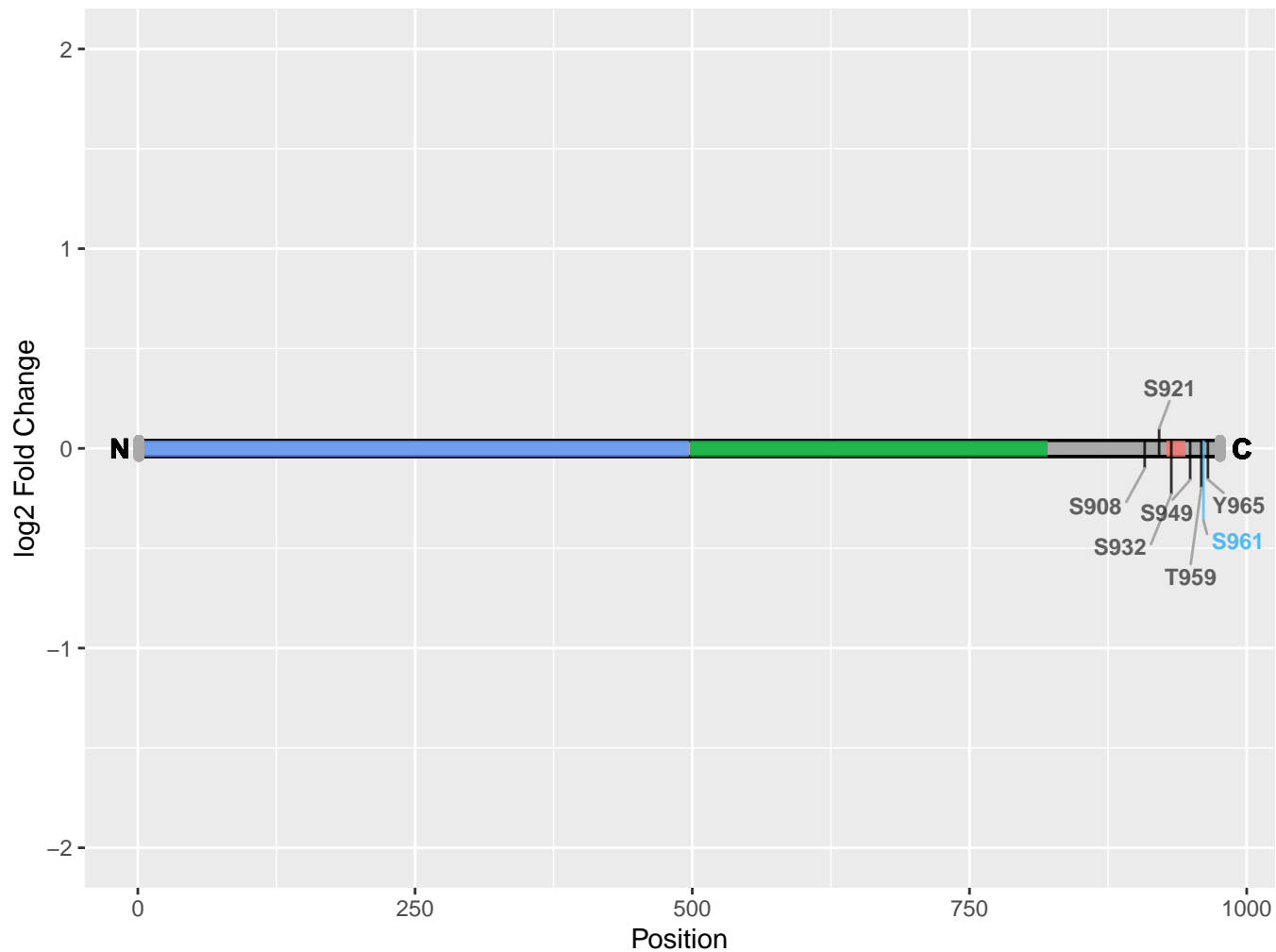
Palmdelphin



Pam

Uniprot Accession: P14925

Peptidyl-glycine alpha-amidating monooxygenase



Regulation:

- SV-cycling-dependent
- not-affected

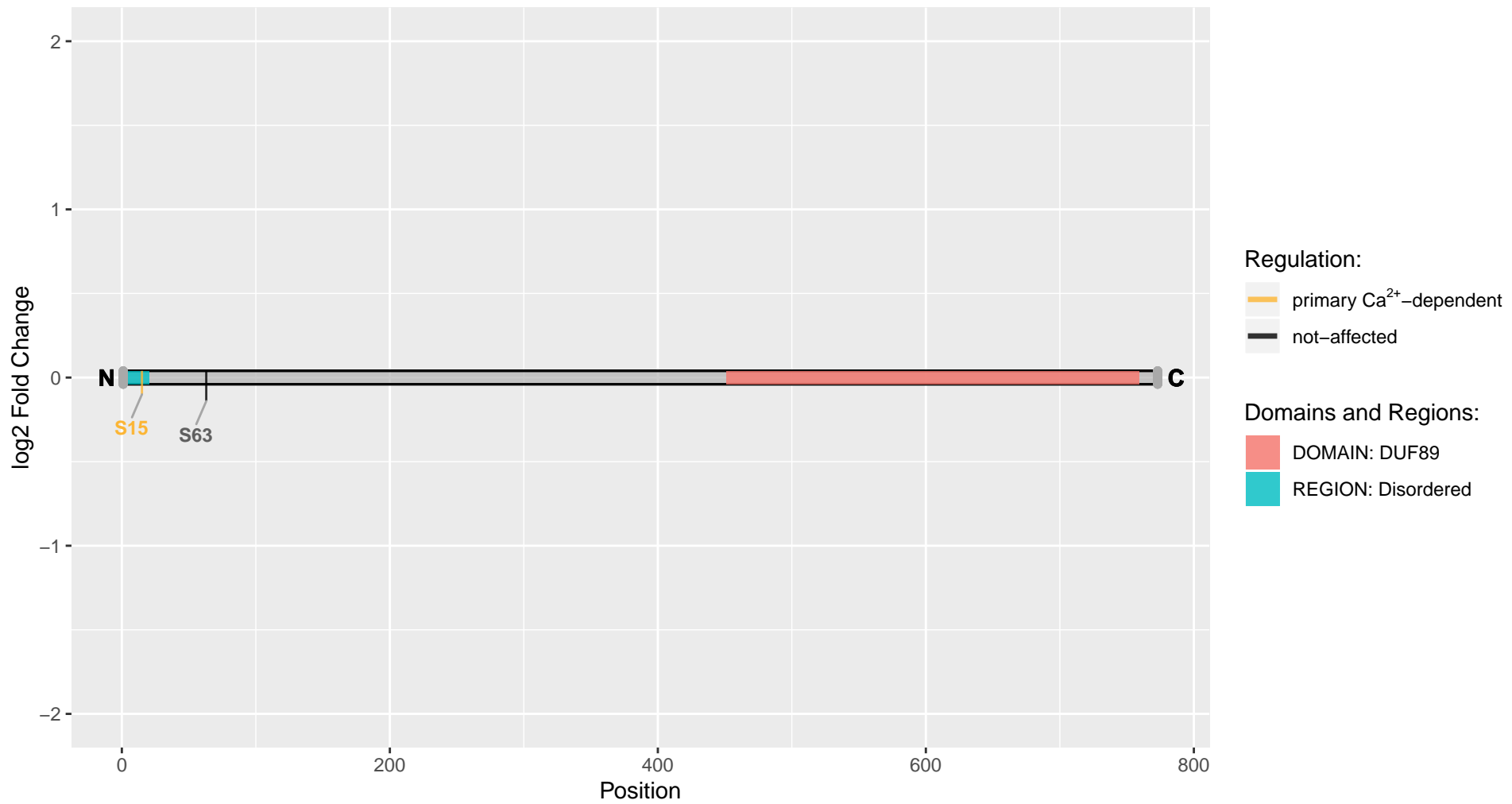
Domains and Regions:

- REGION: Interaction with RASSF9
- REGION: Peptidyl-alpha-hydroxyglycine alpha-amidating lyase
- REGION: Peptidyl-glycine alpha-hydroxylating monooxygenase

Pank4

Uniprot Accession: G3V7T3

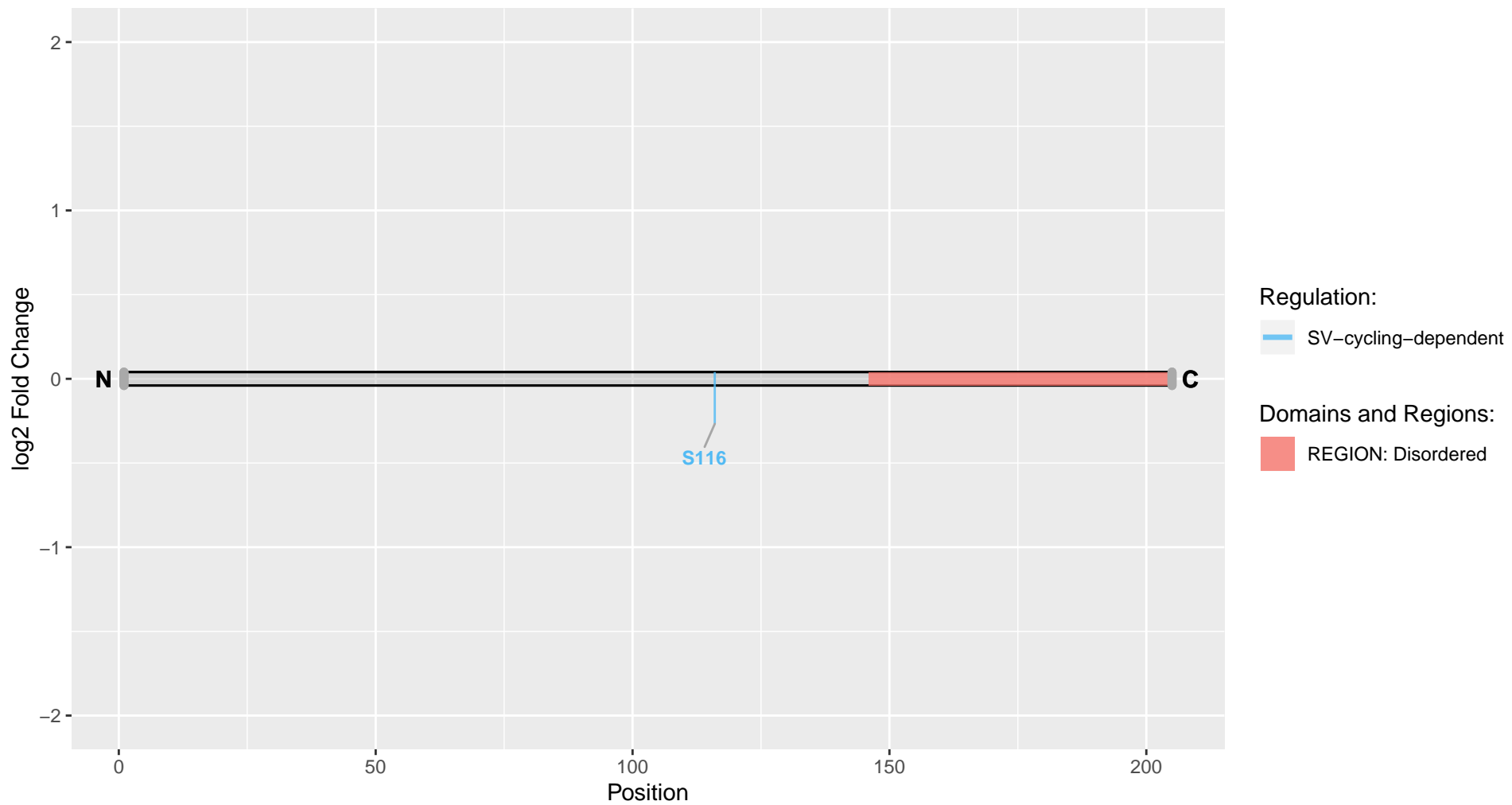
Pantothenate kinase 4



Paxx

Uniprot Accession: A0A0G2QC22

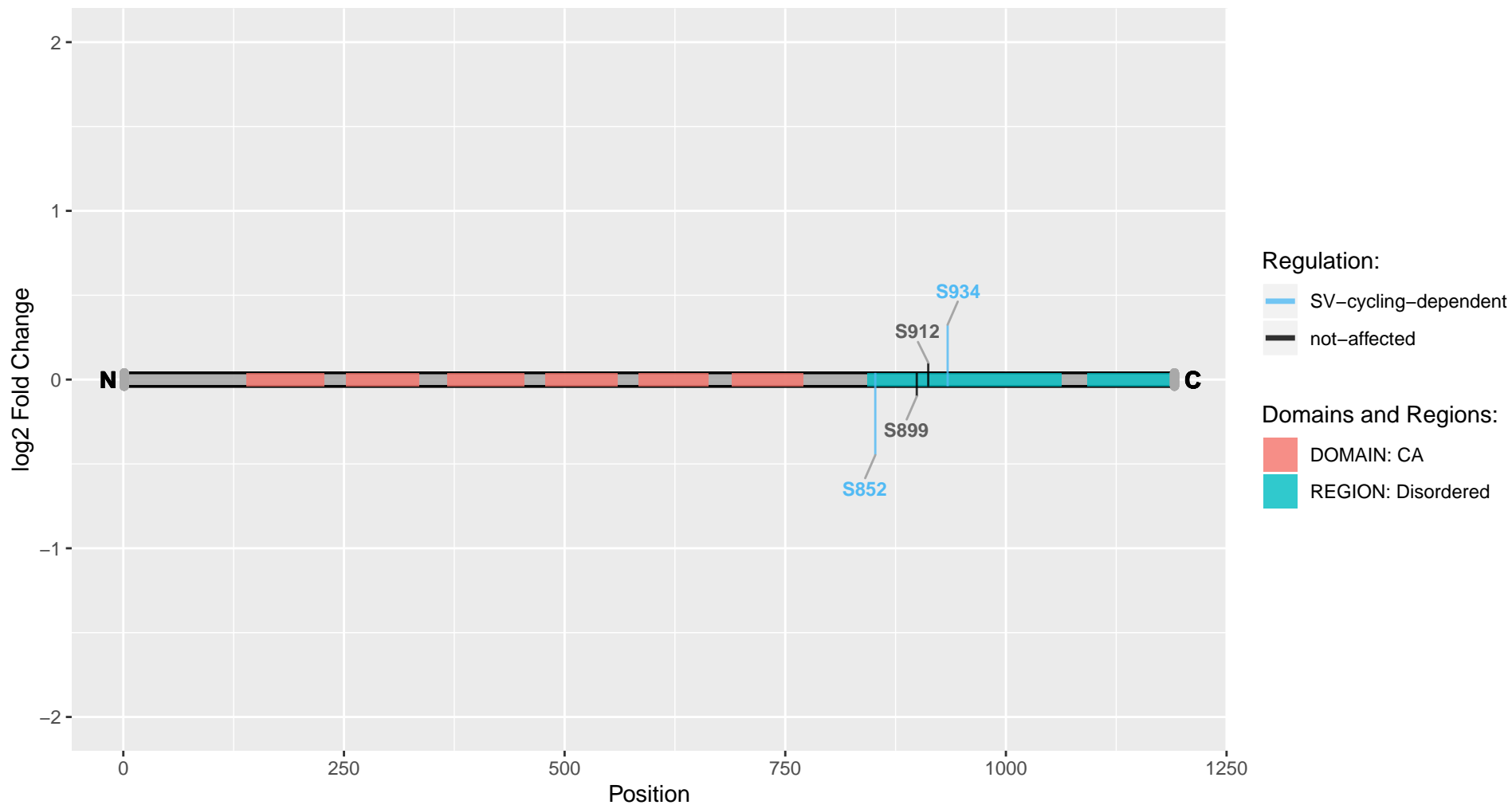
PAXX, non-homologous end joining factor



Pcdh1

Uniprot Accession: A0A0G2K6T9

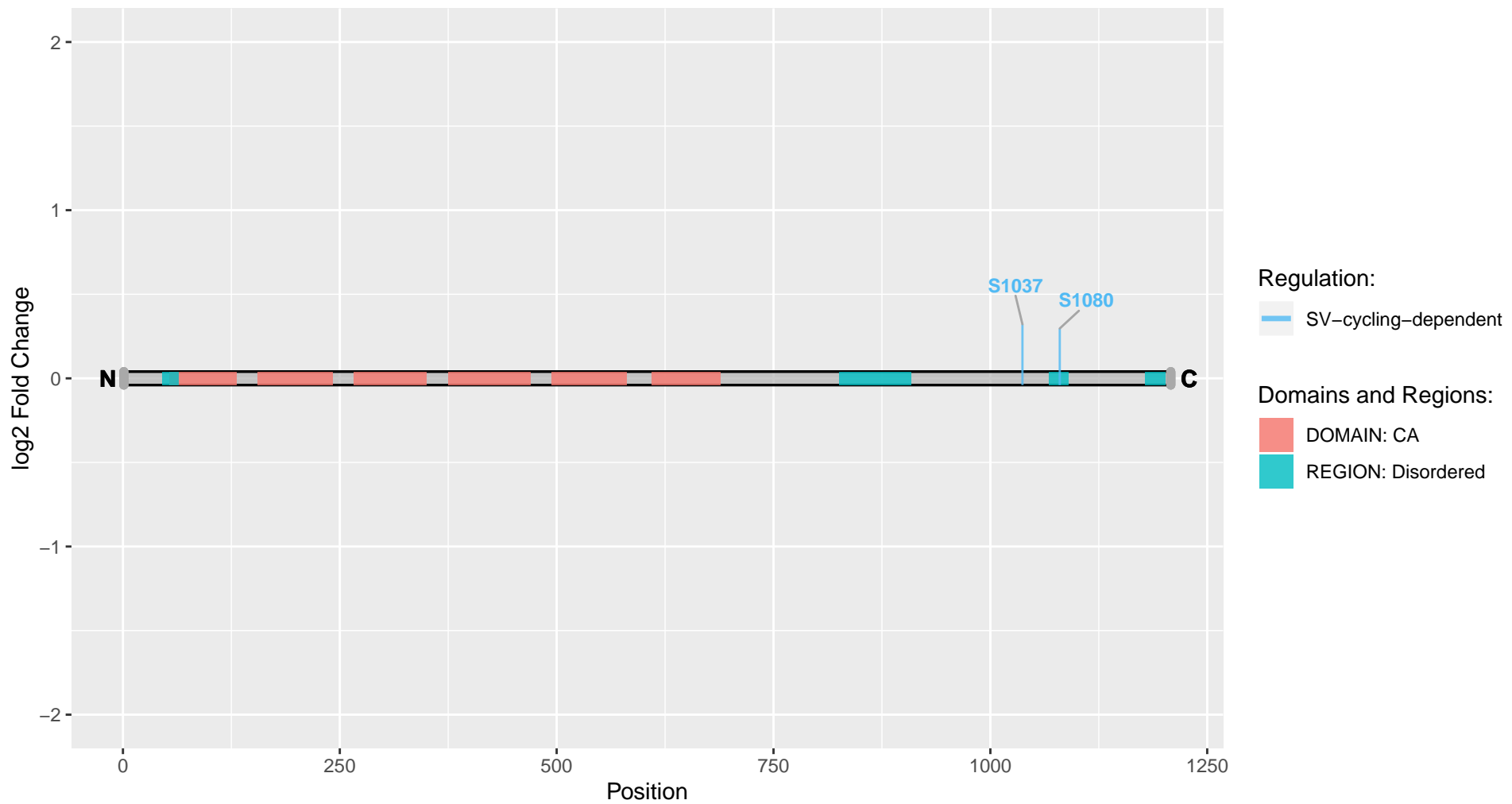
Protocadherin 1



Pcdh17

Uniprot Accession: D3ZPN0

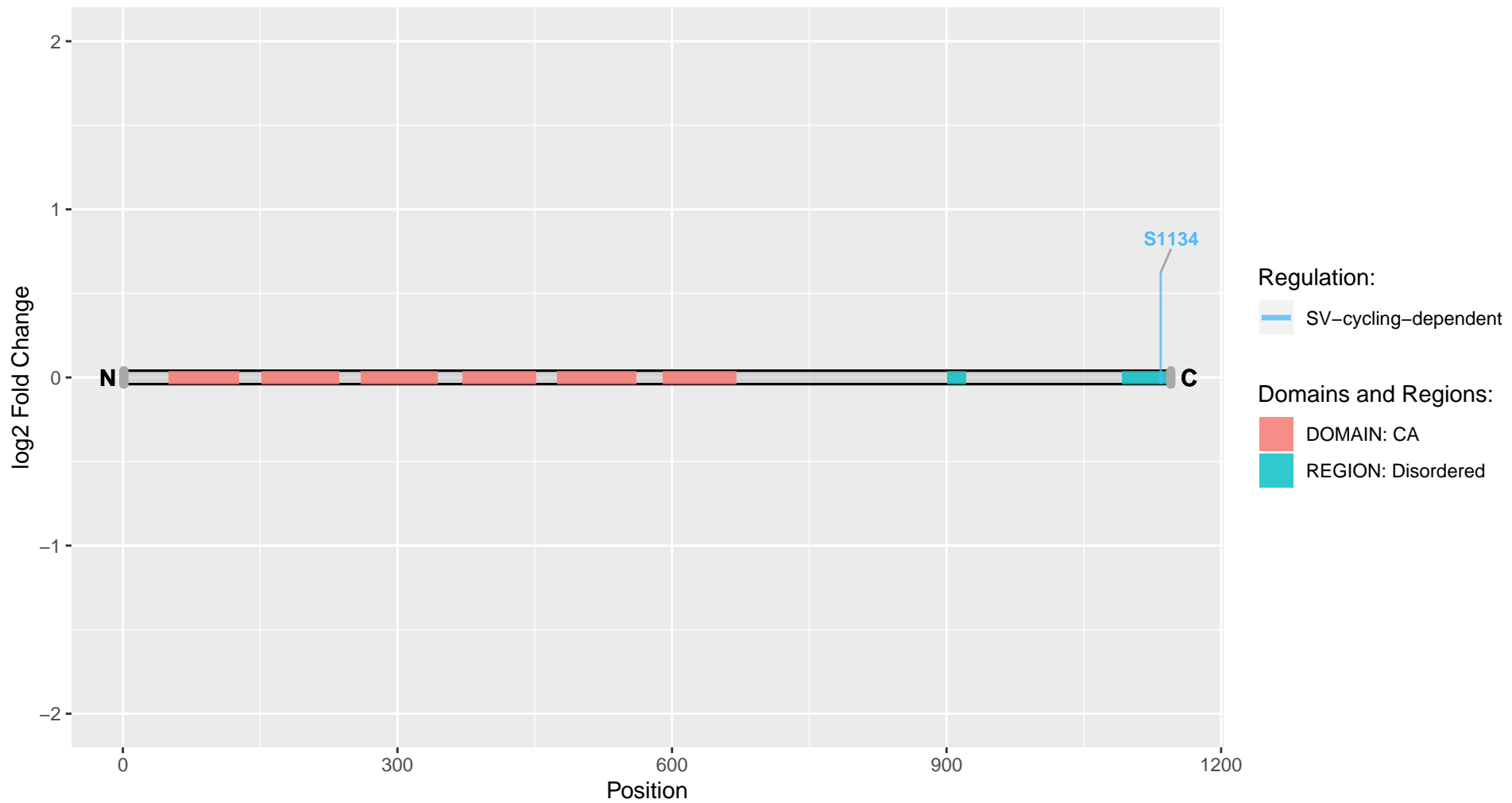
Protocadherin 17



Pcdh19

Uniprot Accession: A0A0G2K8I5

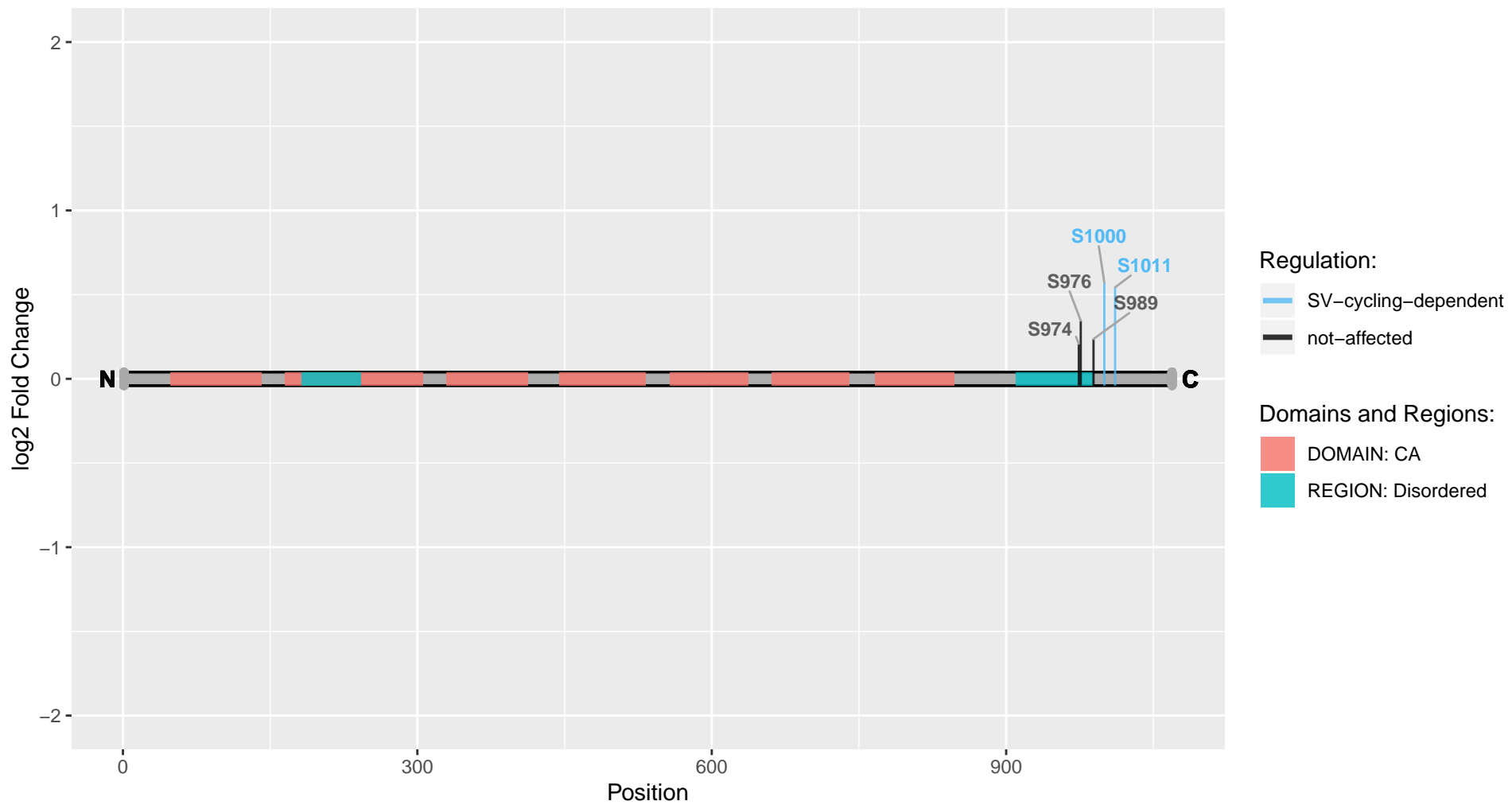
Protocadherin 19



Pcdh7

Uniprot Accession: Q68HB8

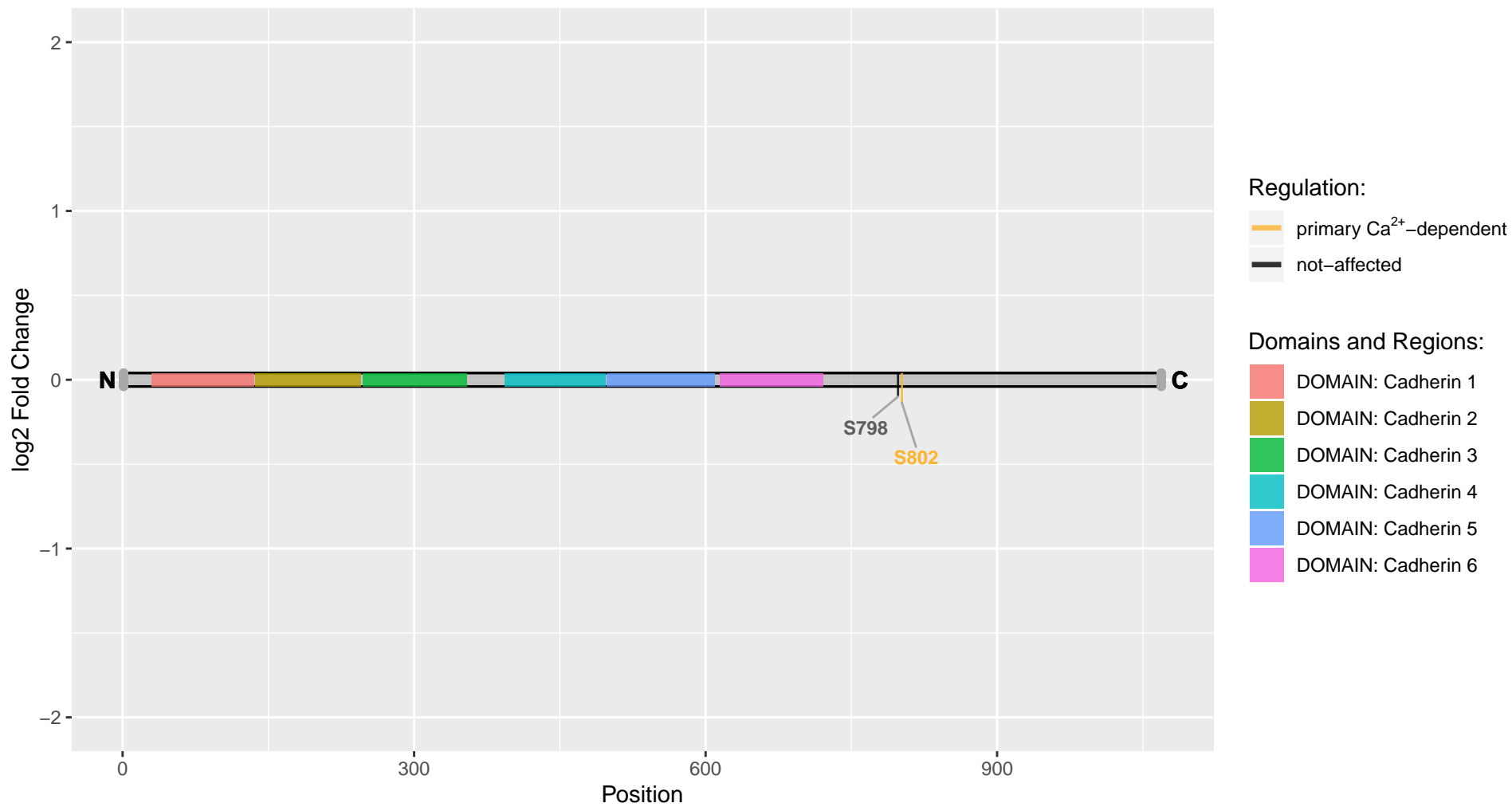
Protocadherin 7



Pcdh8

Uniprot Accession: D3ZE55

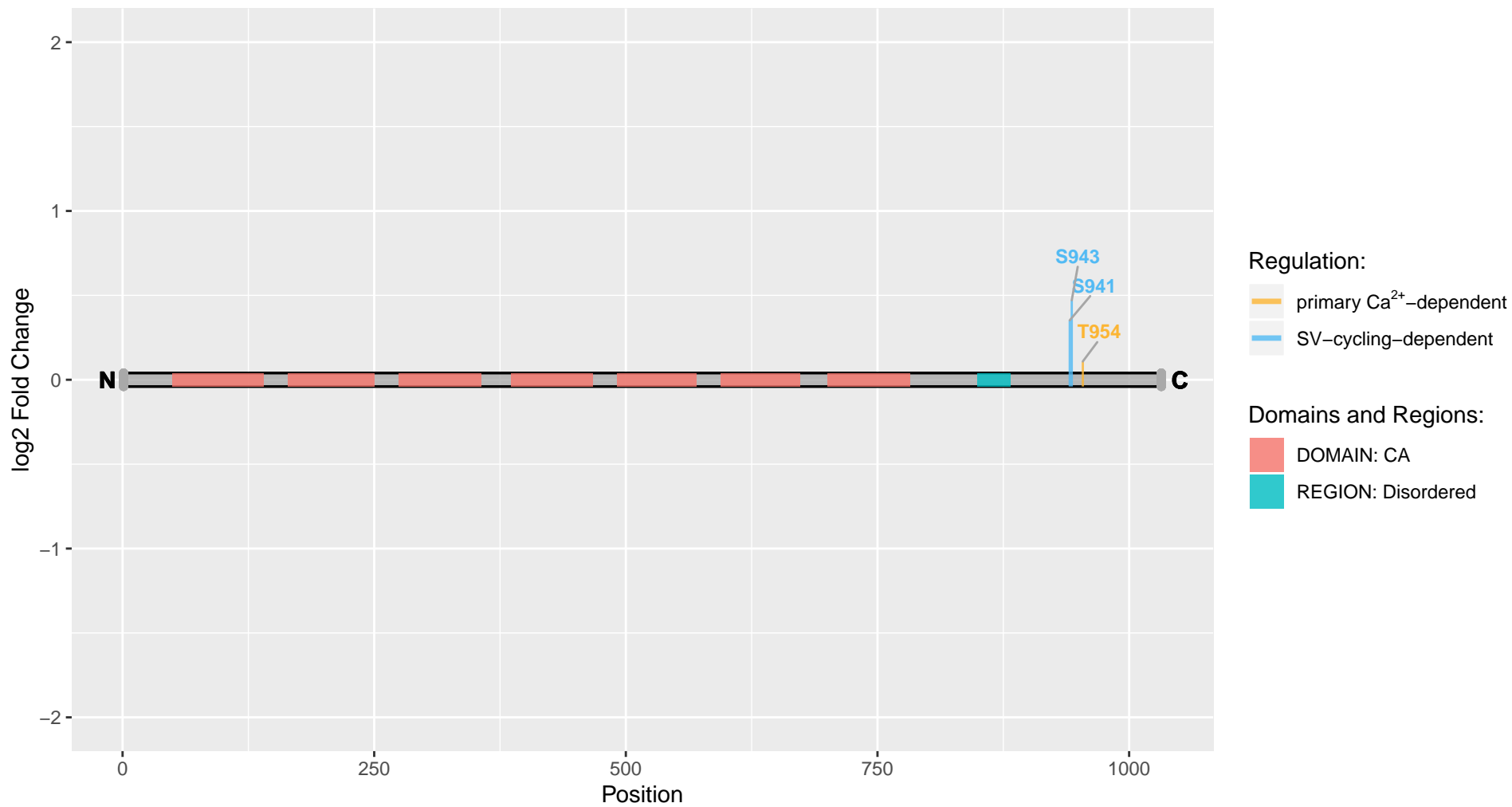
Protocadherin-8



Pcdh9

Uniprot Accession: F1LS01

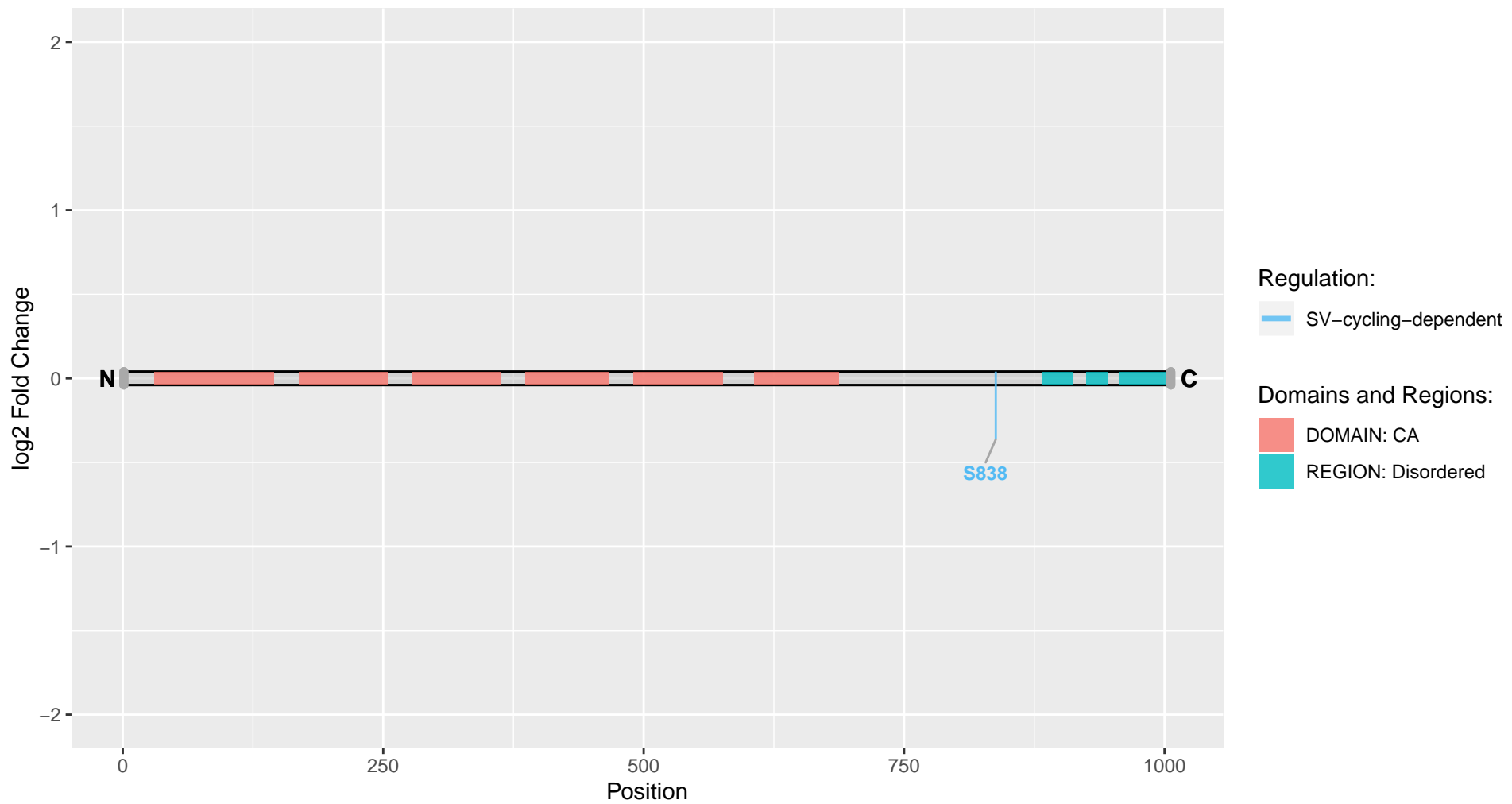
Protocadherin 9



Pcdhac2

Uniprot Accession: Q767H7

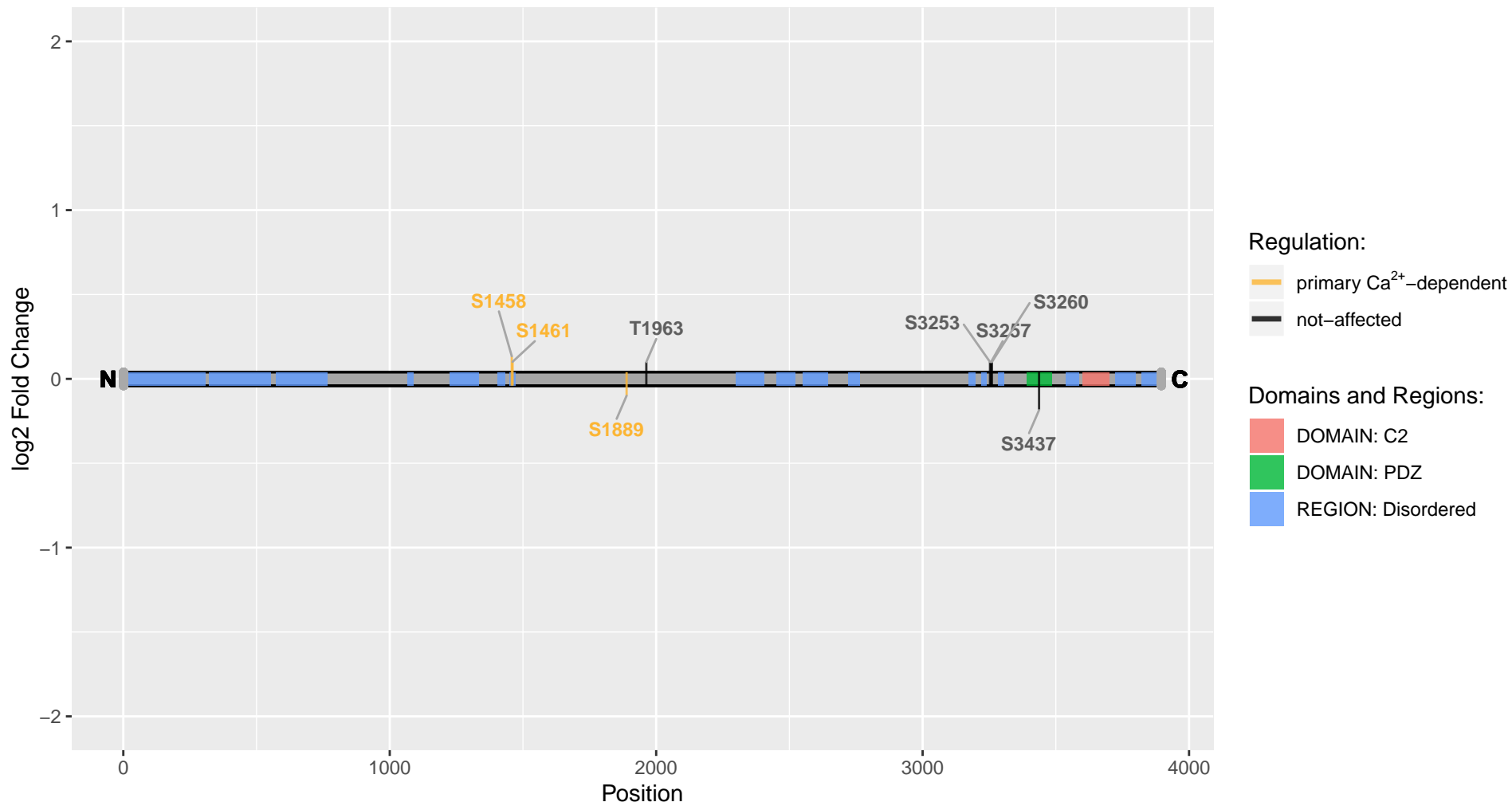
Cadherin-related neuronal receptor c2



Pclo

Uniprot Accession: F1M7V4

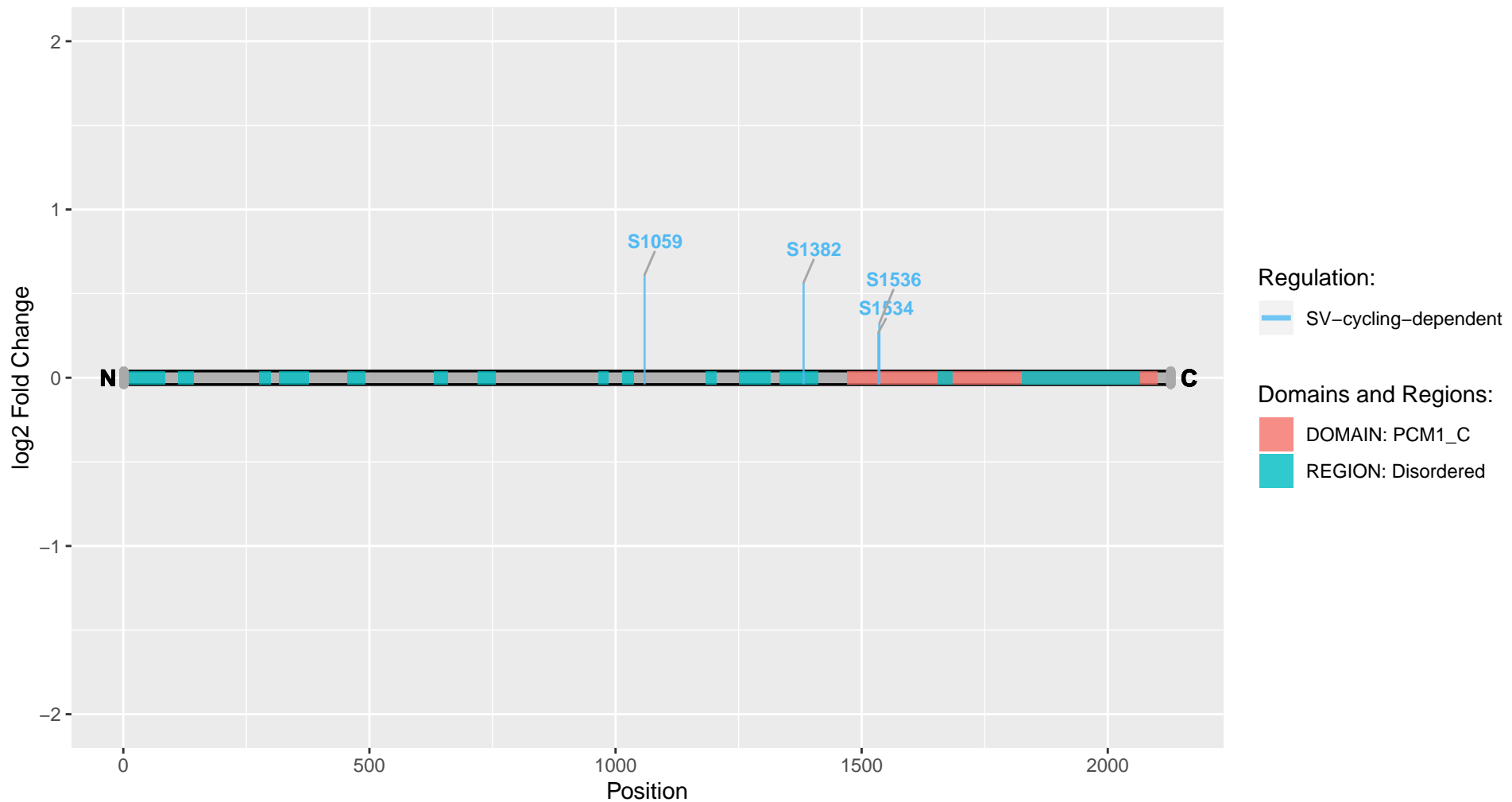
Protein piccolo



Pcm1

Uniprot Accession: A0A0G2K0X1

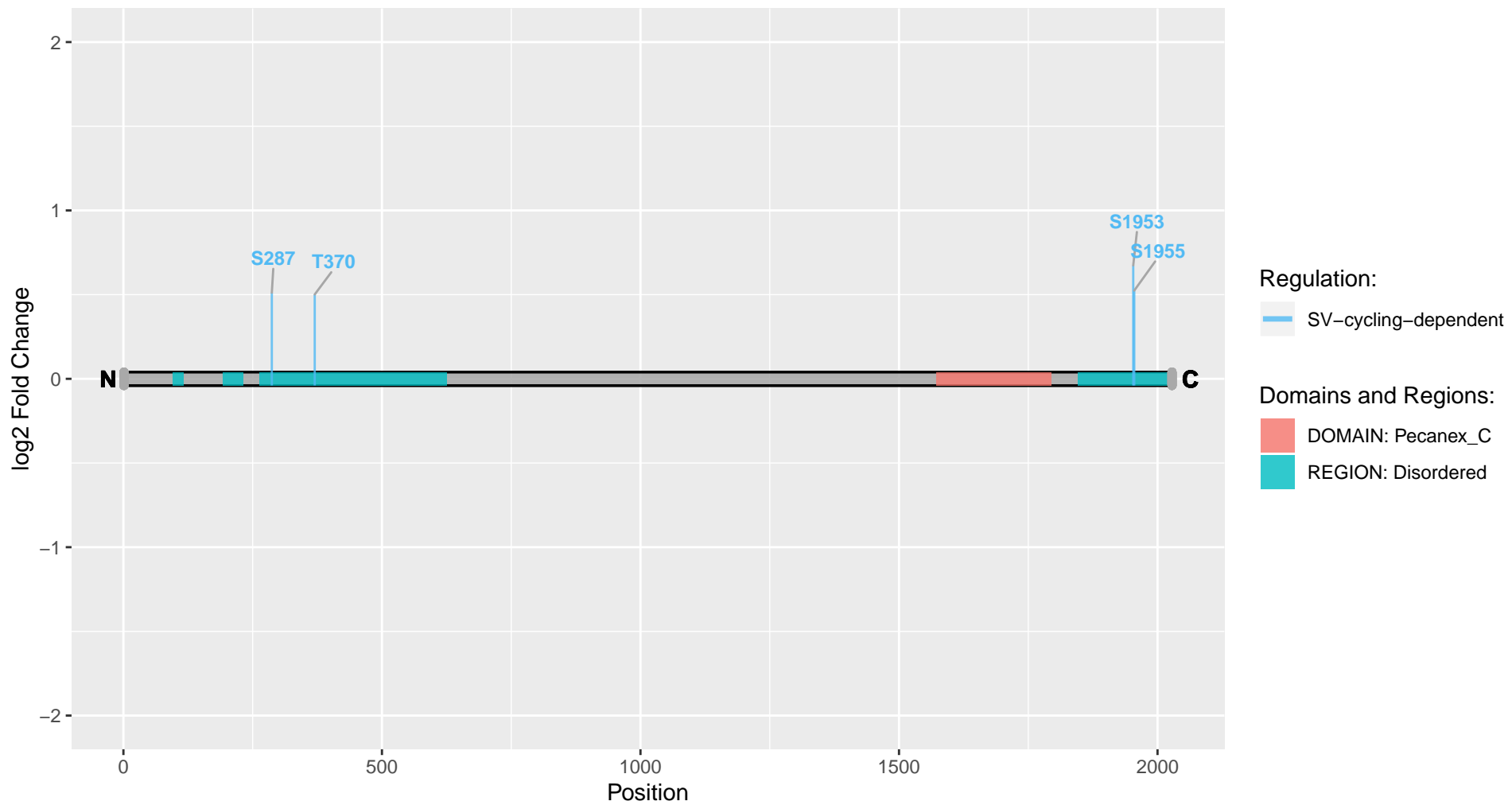
Pericentriolar material 1



Pcnx3

Uniprot Accession: D3ZSQ1

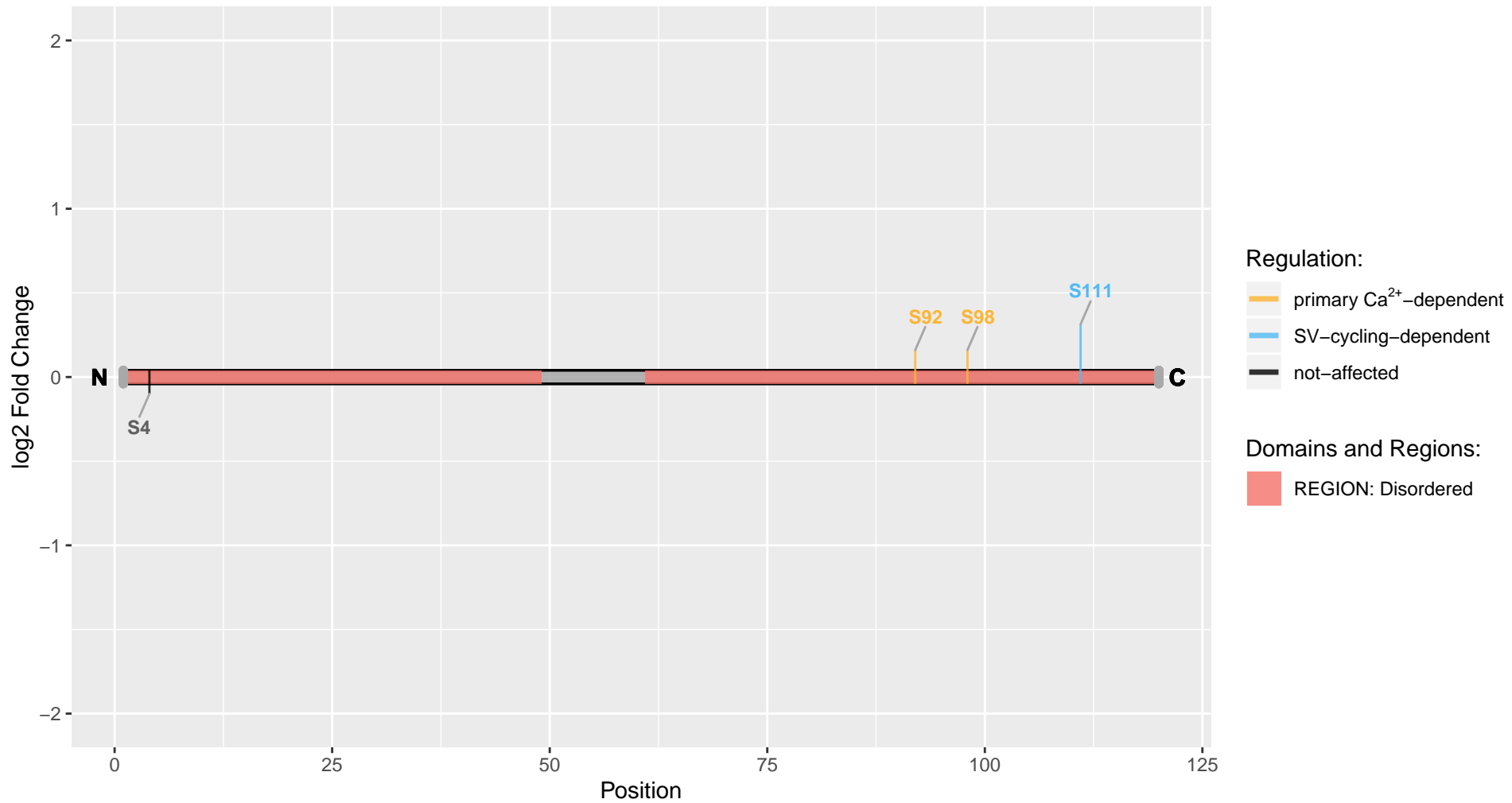
Pecanex 3



Pcp2

Uniprot Accession: D3ZXP8

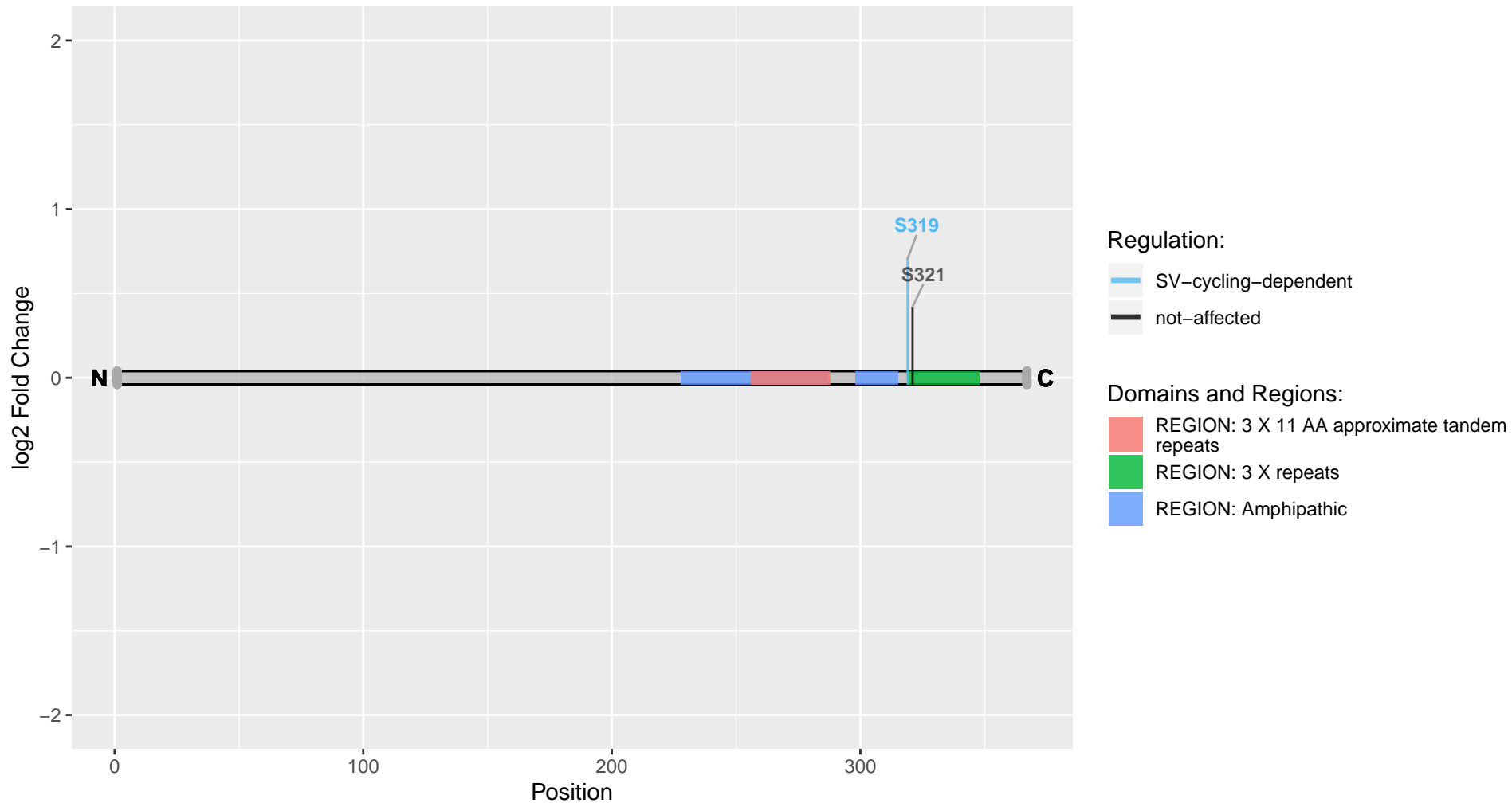
Purkinje cell protein 2



Pcyt1a

Uniprot Accession: P19836

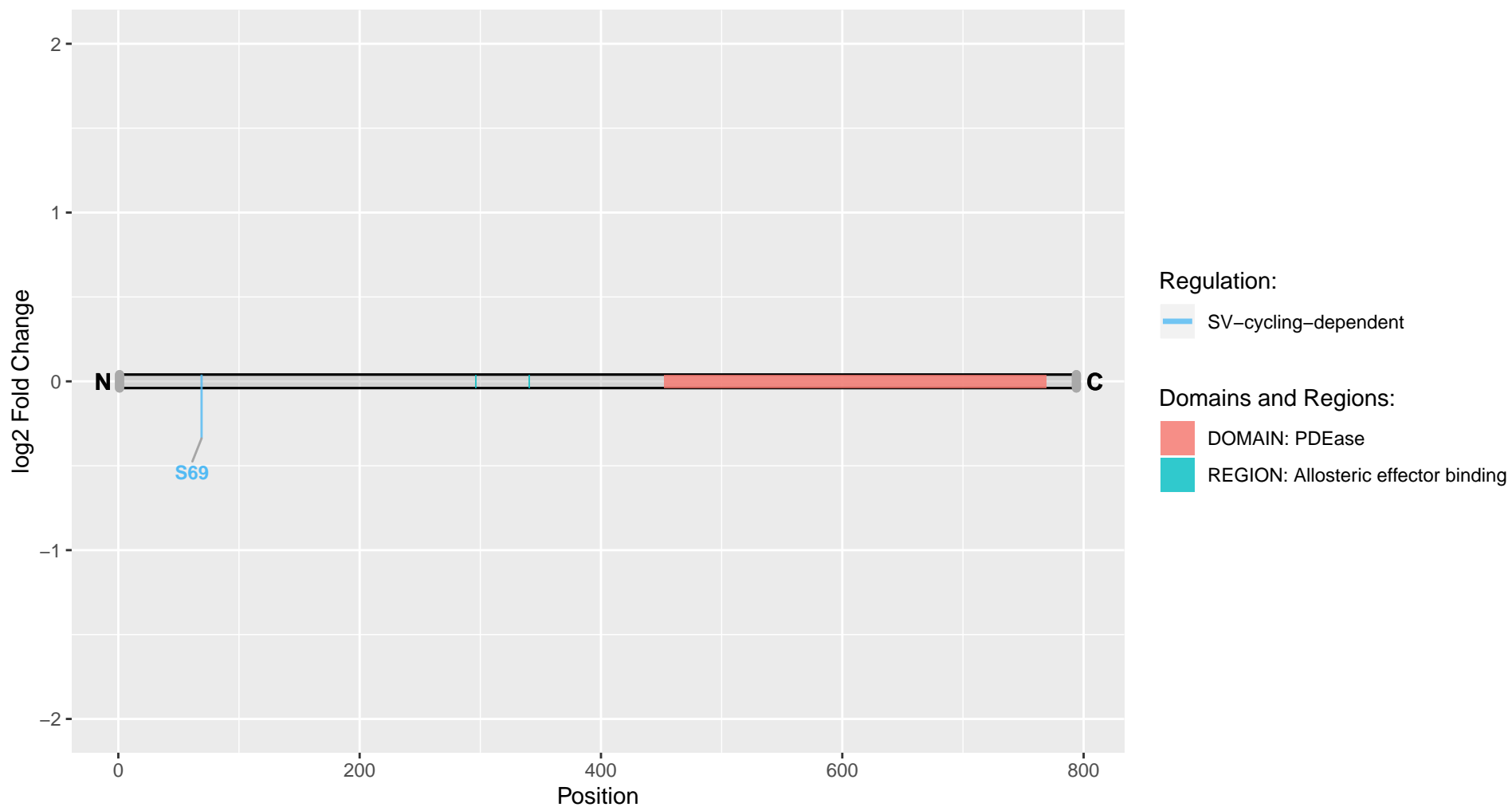
Choline-phosphate cytidylyltransferase A



Pde10a

Uniprot Accession: Q9QYJ6

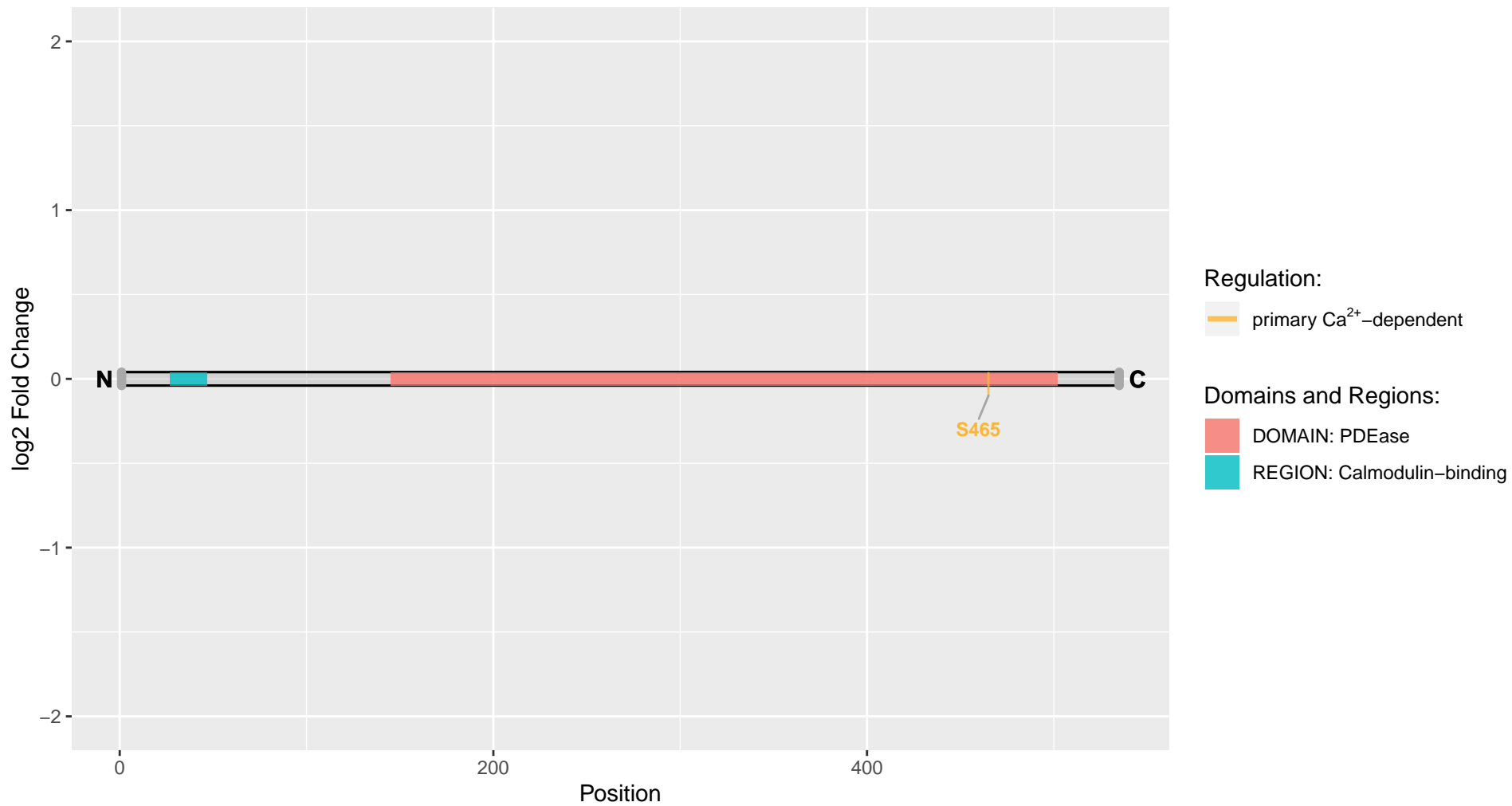
cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A



Pde1b

Uniprot Accession: Q01066

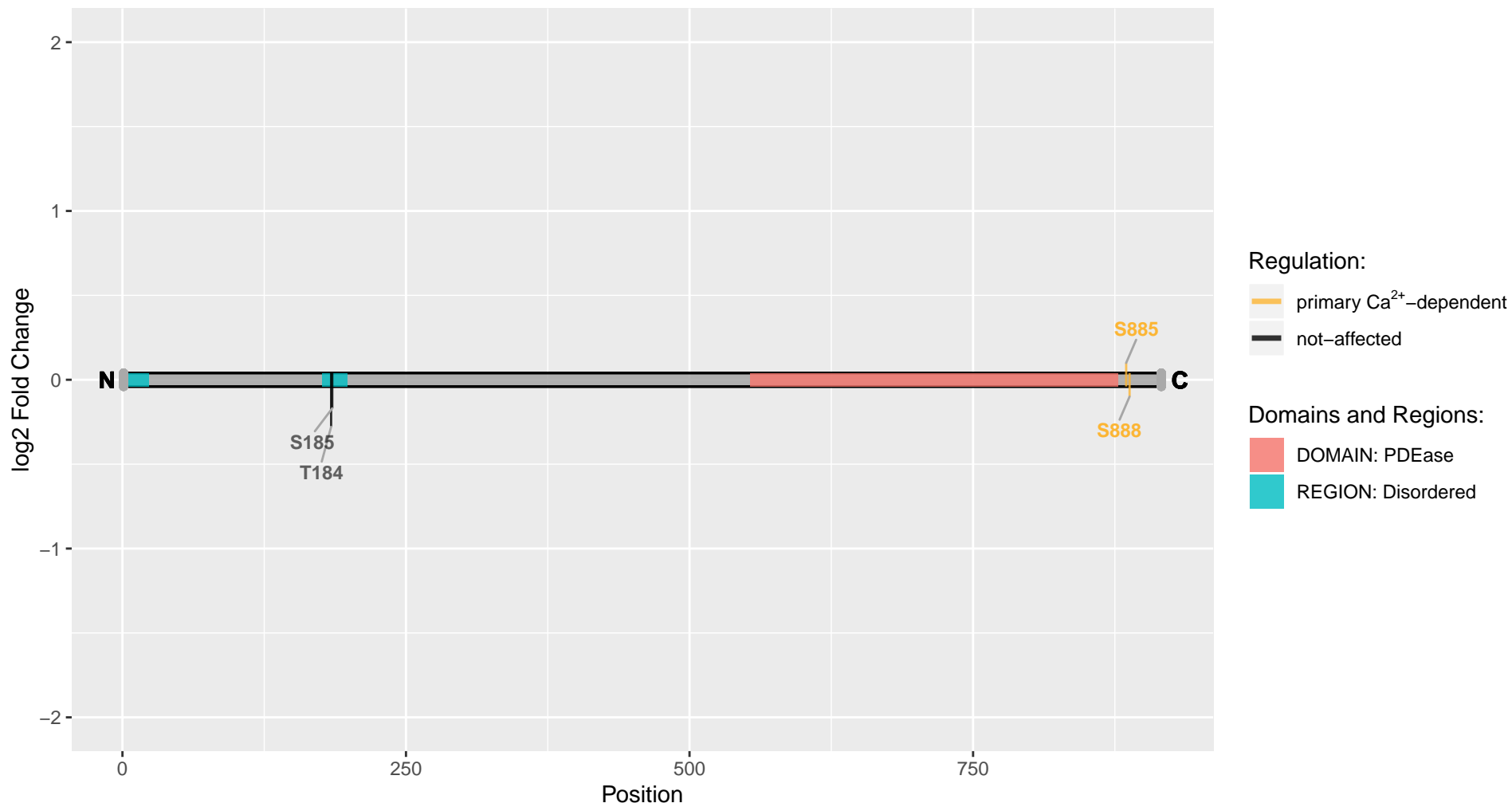
Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B



Pde2a

Uniprot Accession: A0A0G2K876

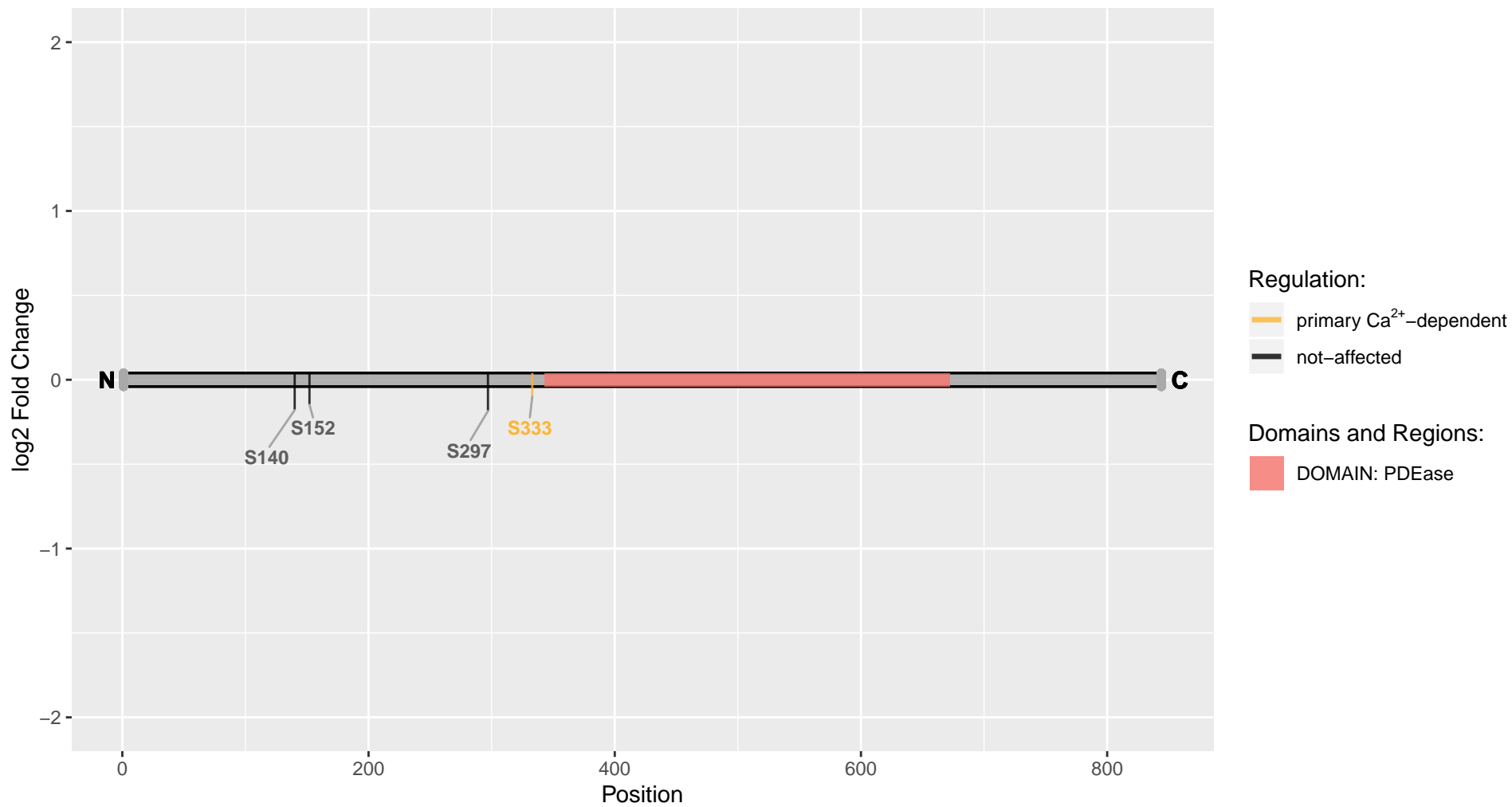
Phosphodiesterase



Pde4a

Uniprot Accession: P54748

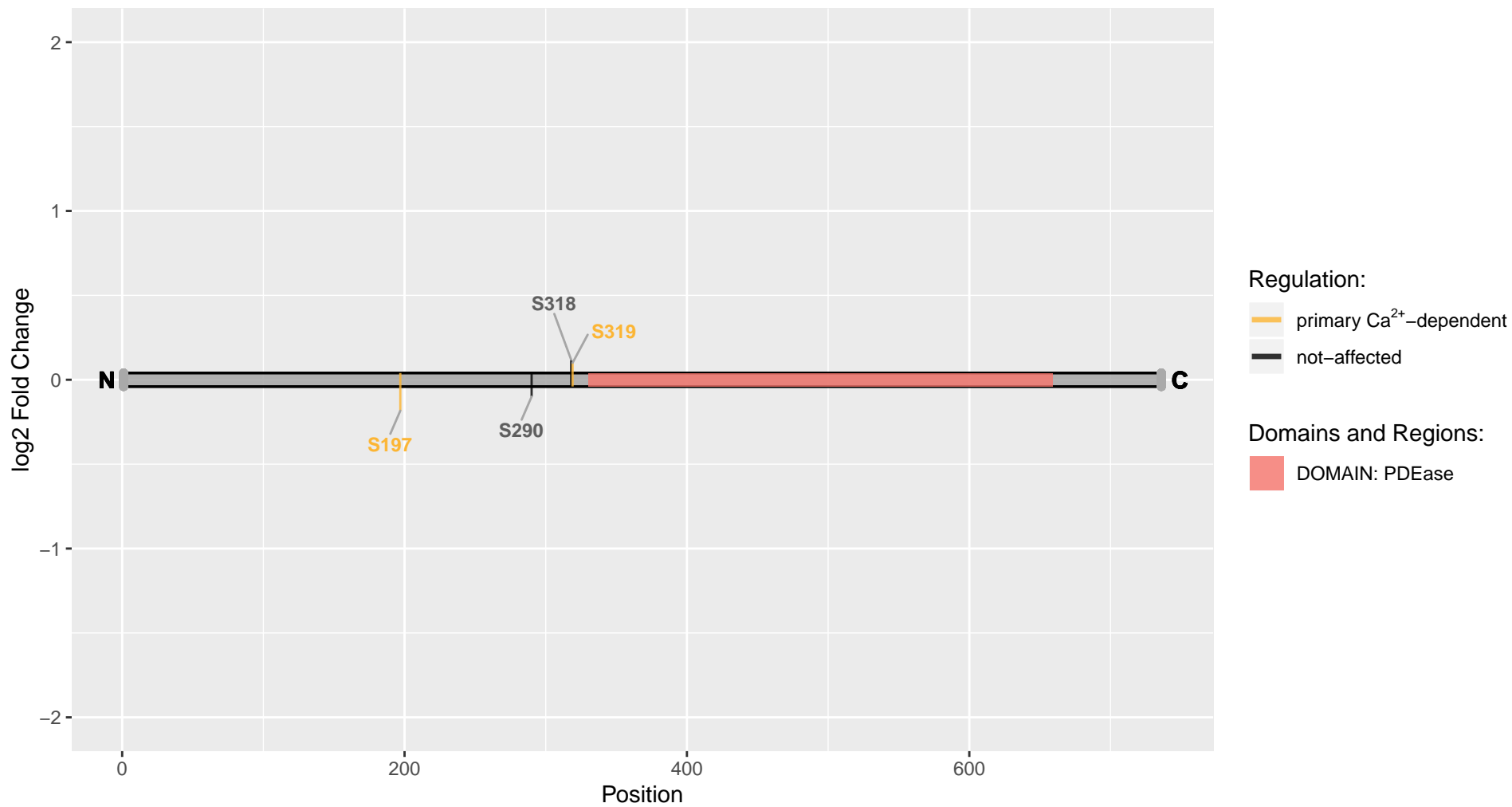
cAMP-specific 3',5'-cyclic phosphodiesterase 4A



Pde4b

Uniprot Accession: P14646

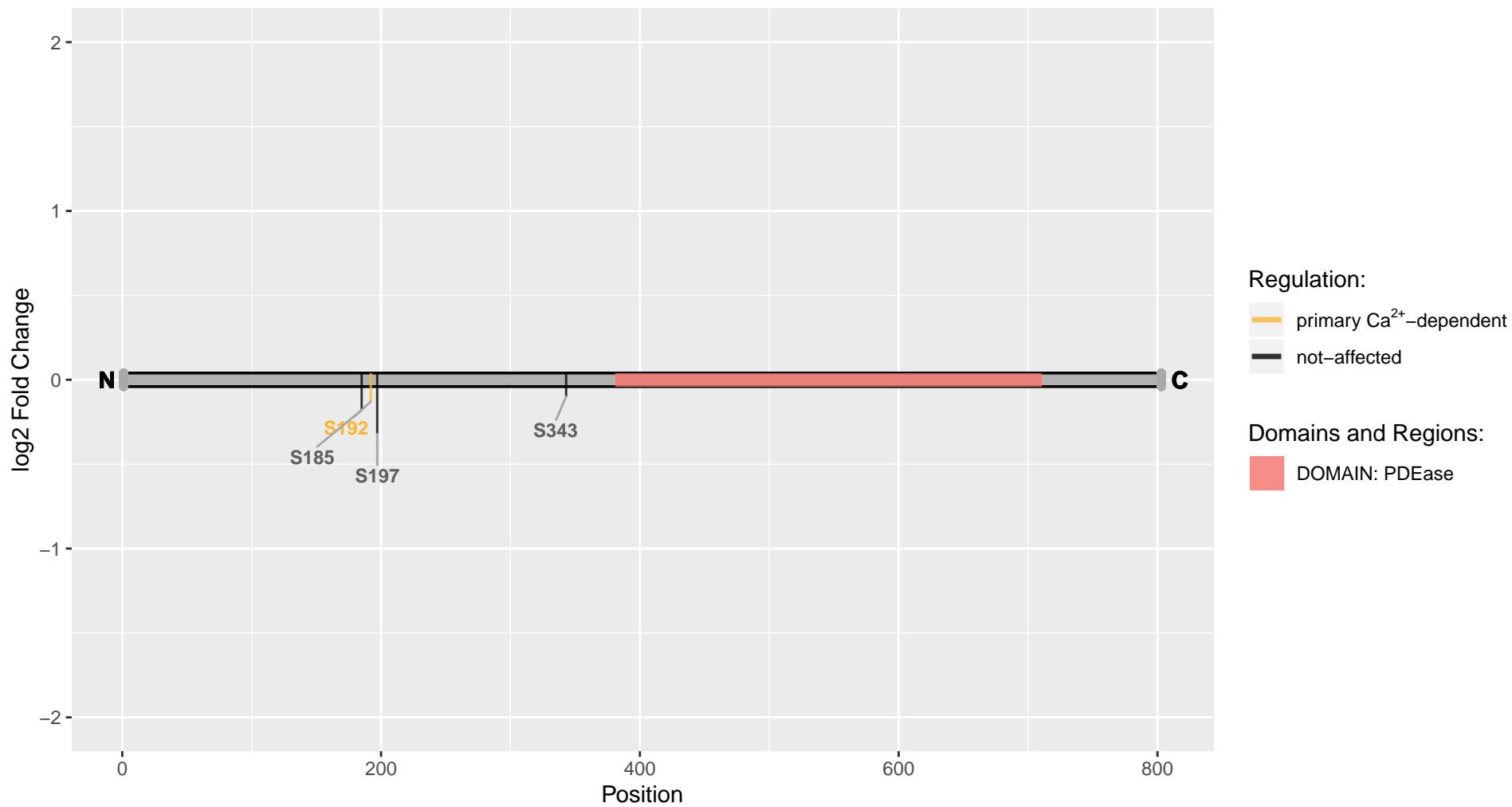
cAMP-specific 3',5'-cyclic phosphodiesterase 4B



Pde4d

Uniprot Accession: P14270

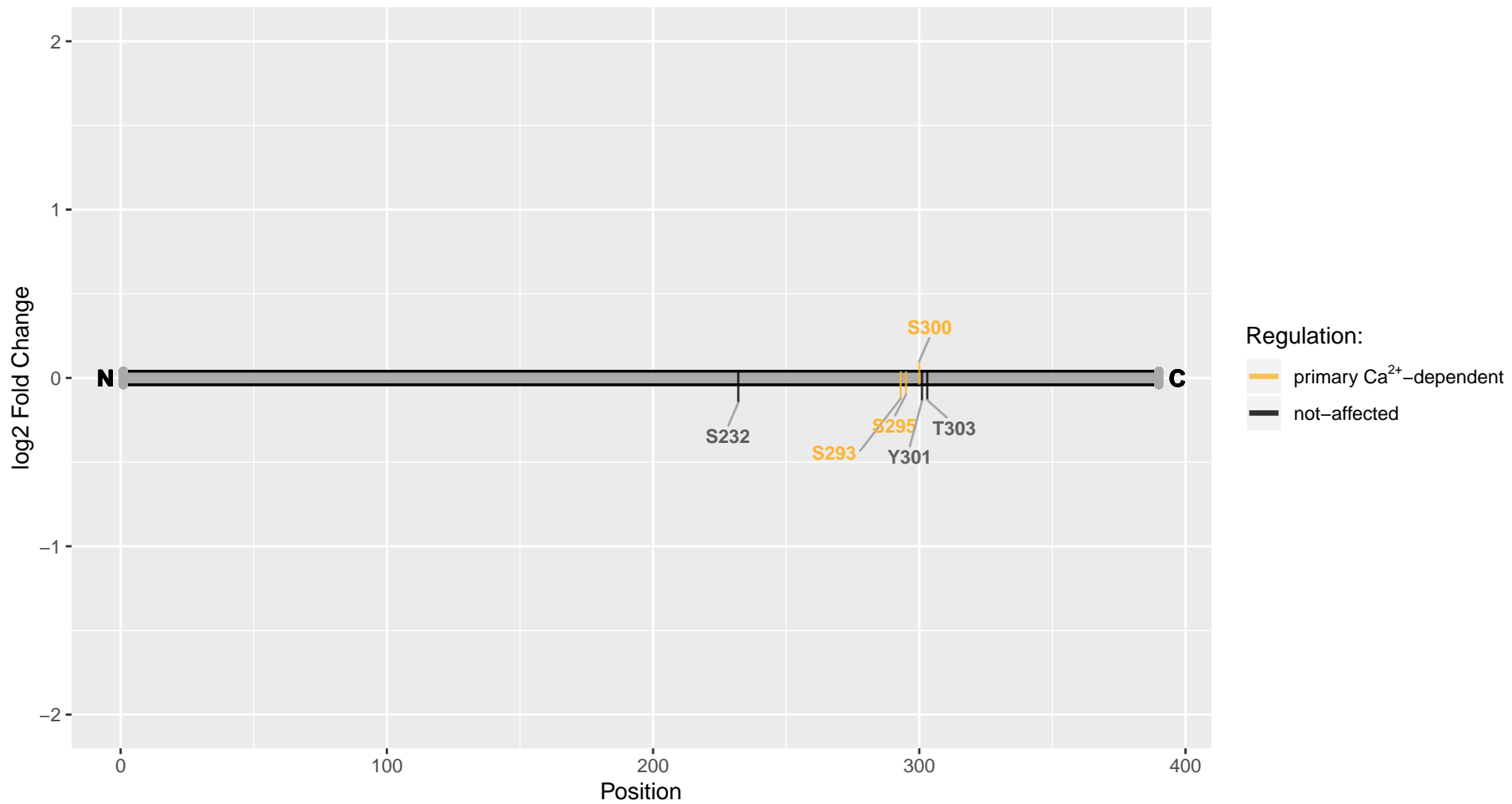
cAMP-specific 3',5'-cyclic phosphodiesterase 4D



Pdha1

Uniprot Accession: P26284

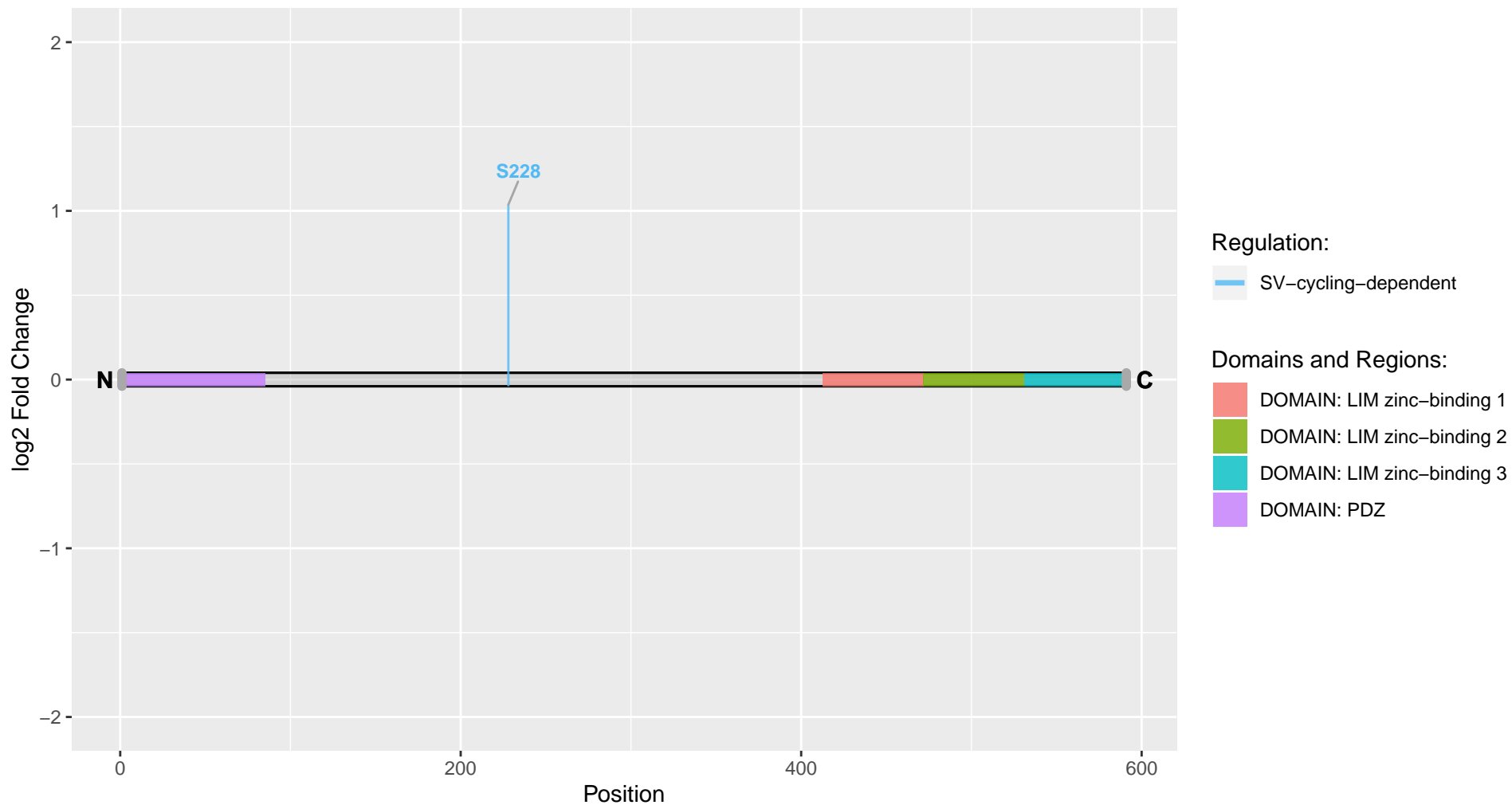
Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial



Pdlim5

Uniprot Accession: Q62920

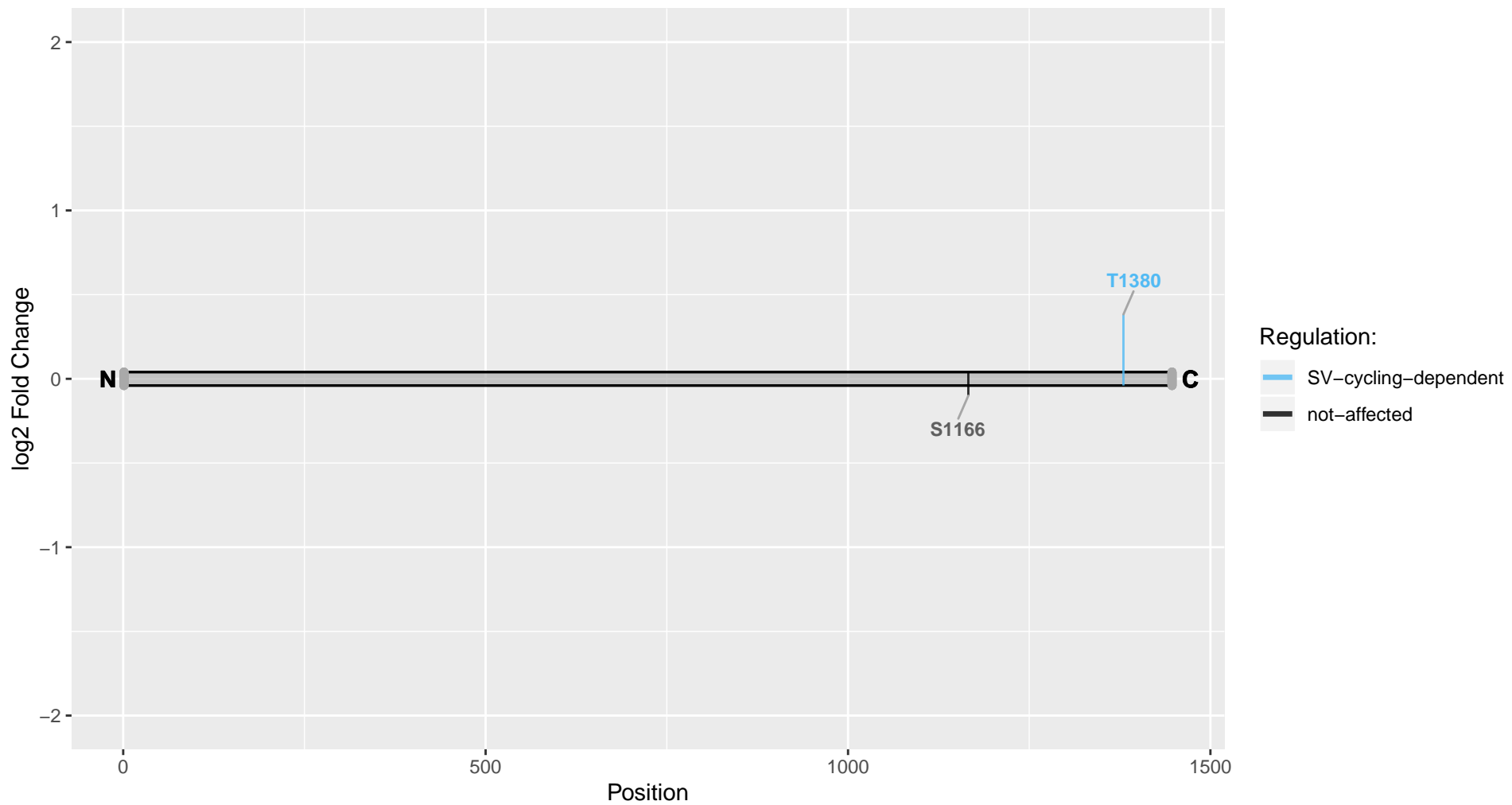
PDZ and LIM domain protein 5



Pds5b

Uniprot Accession: Q6TRW4

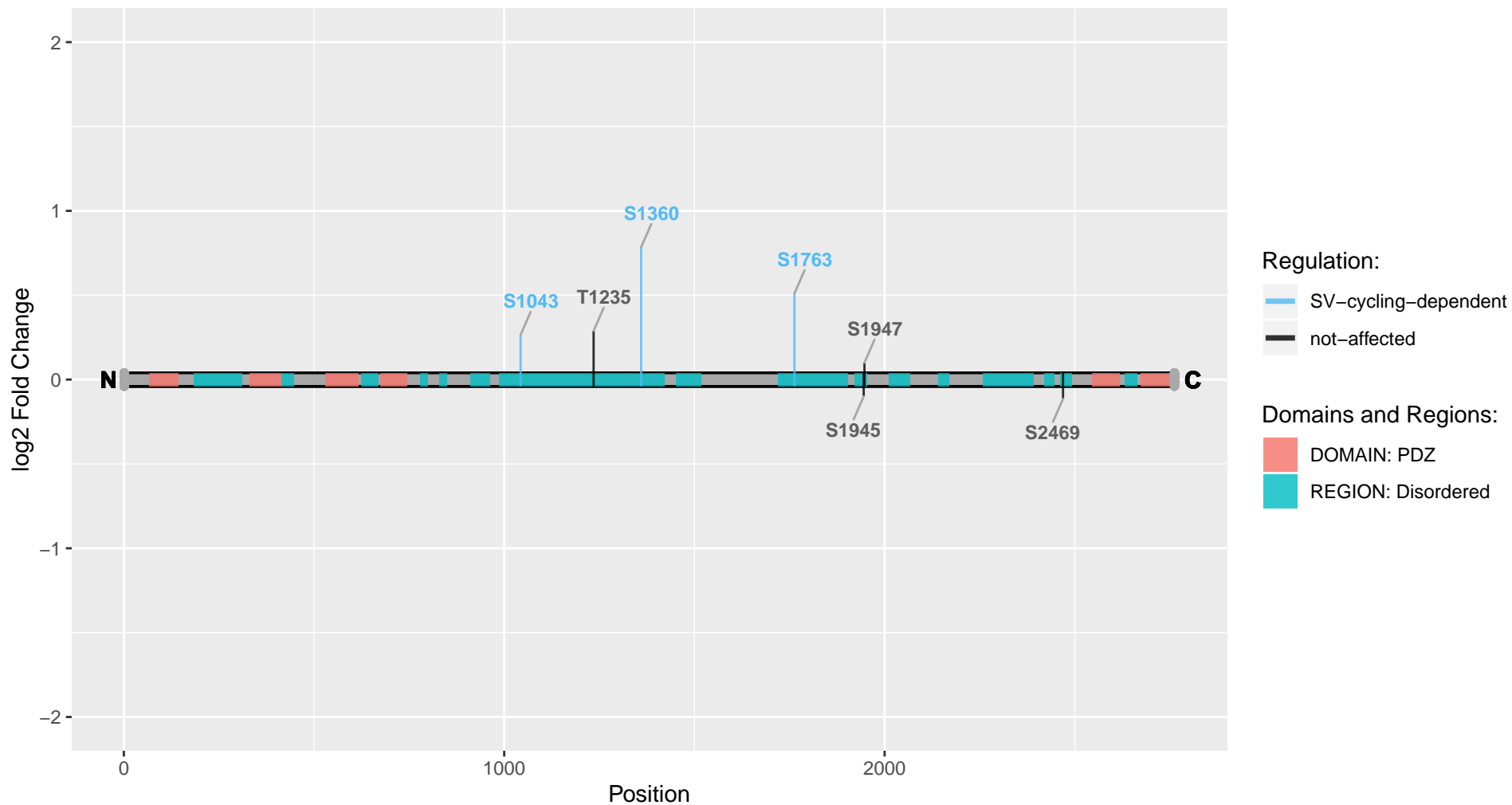
Sister chromatid cohesion protein PDS5 homolog B



Pdzd2

Uniprot Accession: F1M785

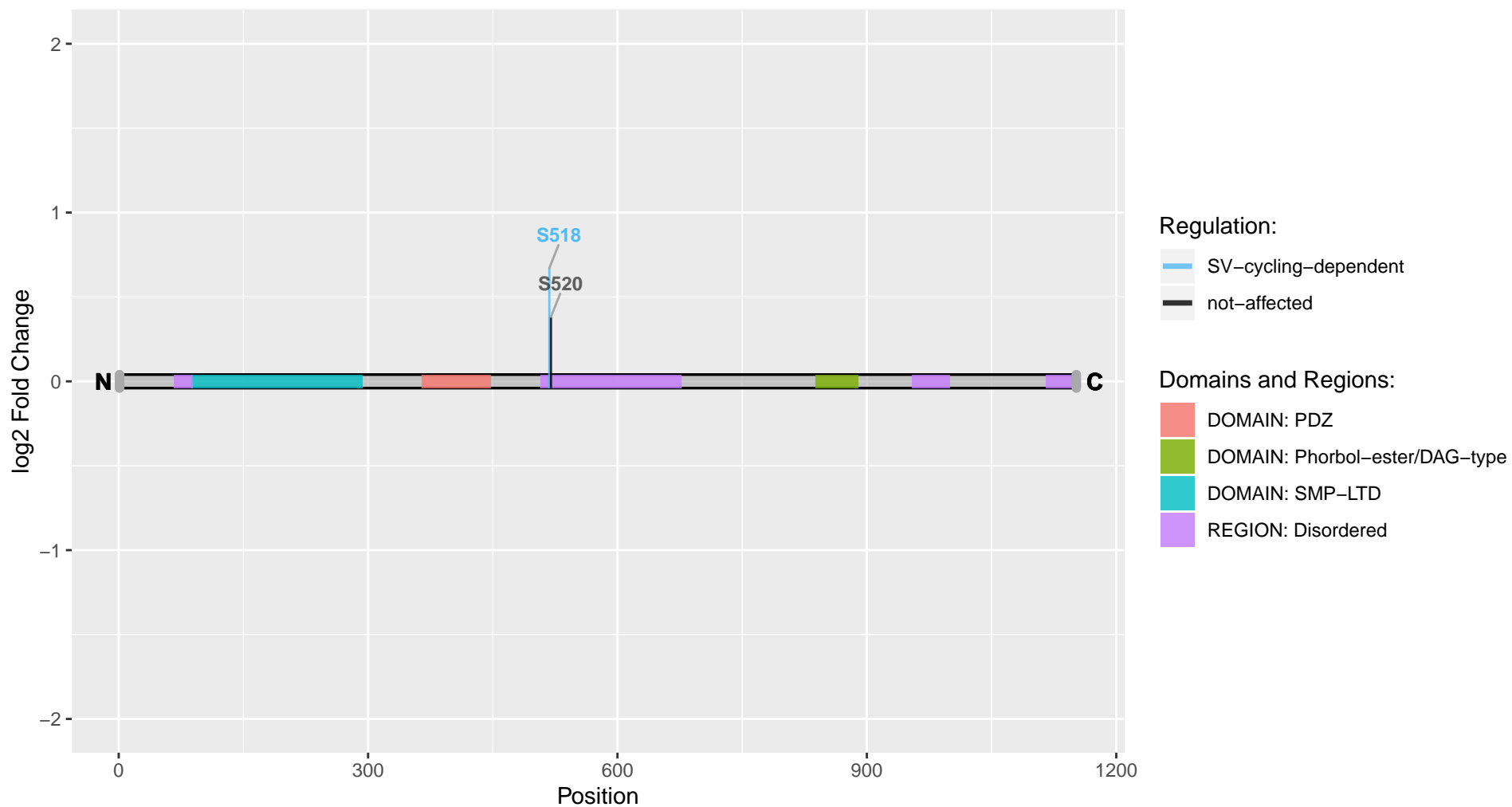
PDZ domain-containing protein 2



Pdzd8

Uniprot Accession: D3ZXY2

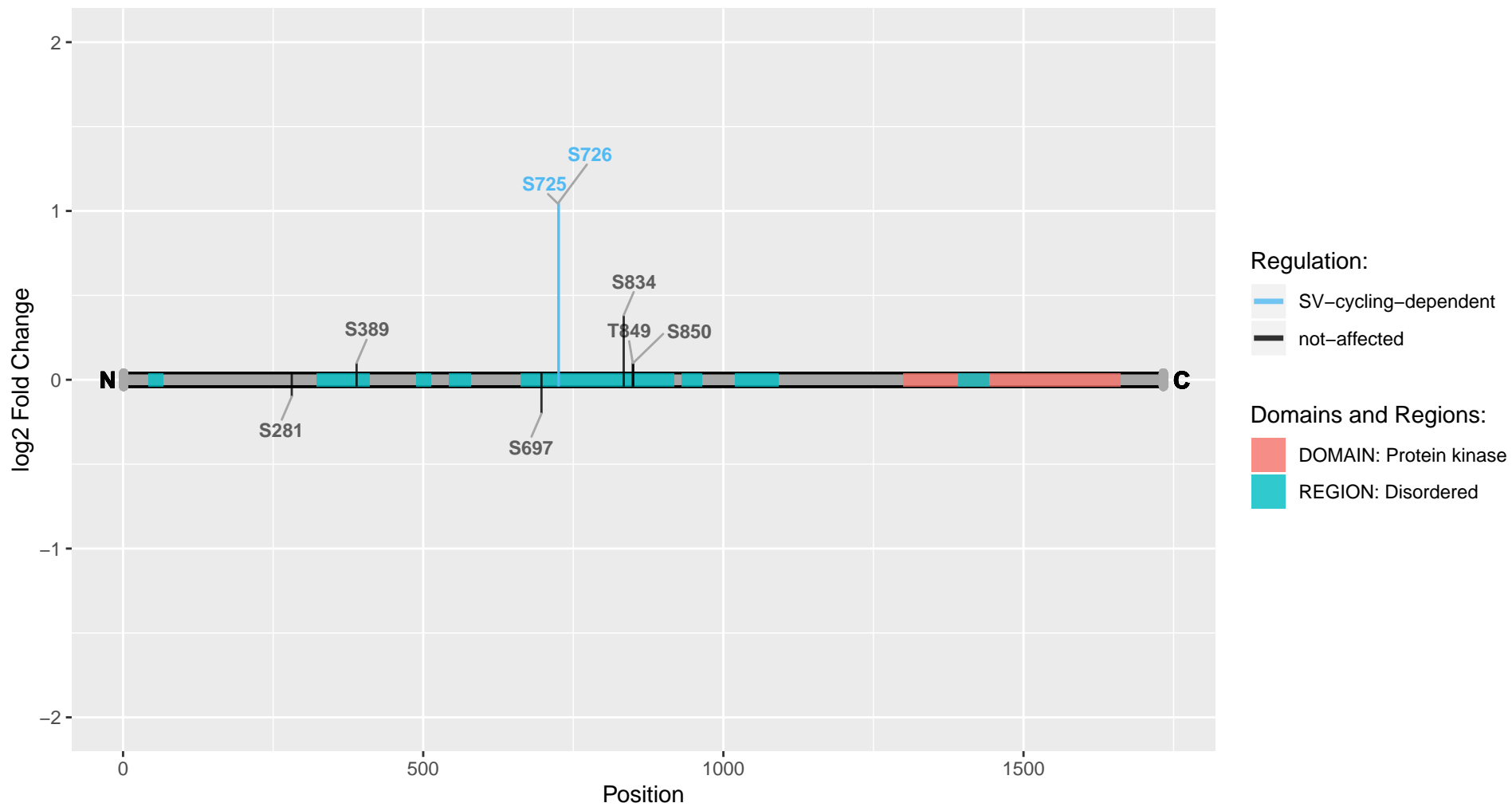
PDZ domain containing 8 (Predicted)



Peak1

Uniprot Accession: D4A563

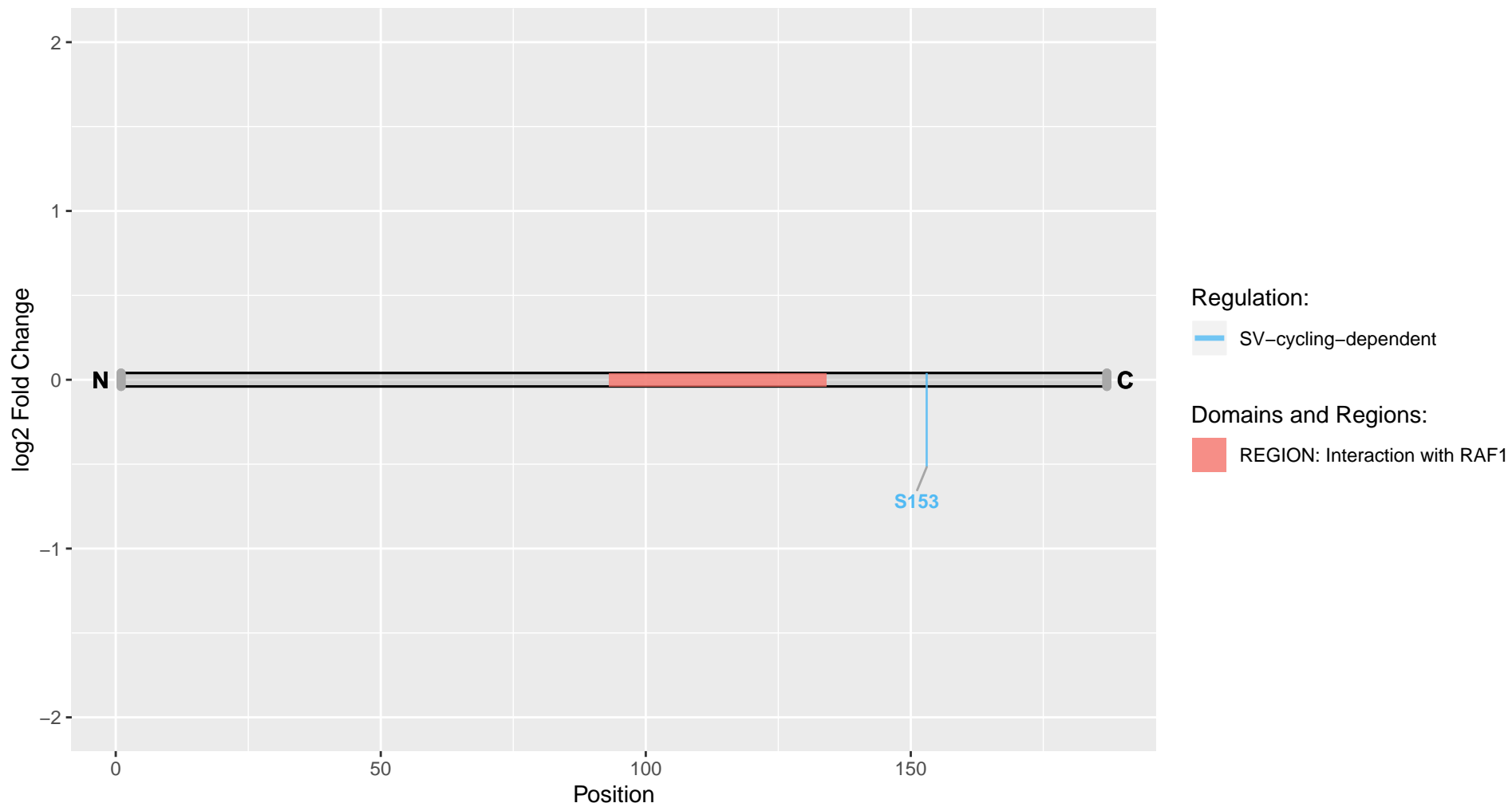
Pseudopodium-enriched atypical kinase 1



Pebp1

Uniprot Accession: P31044

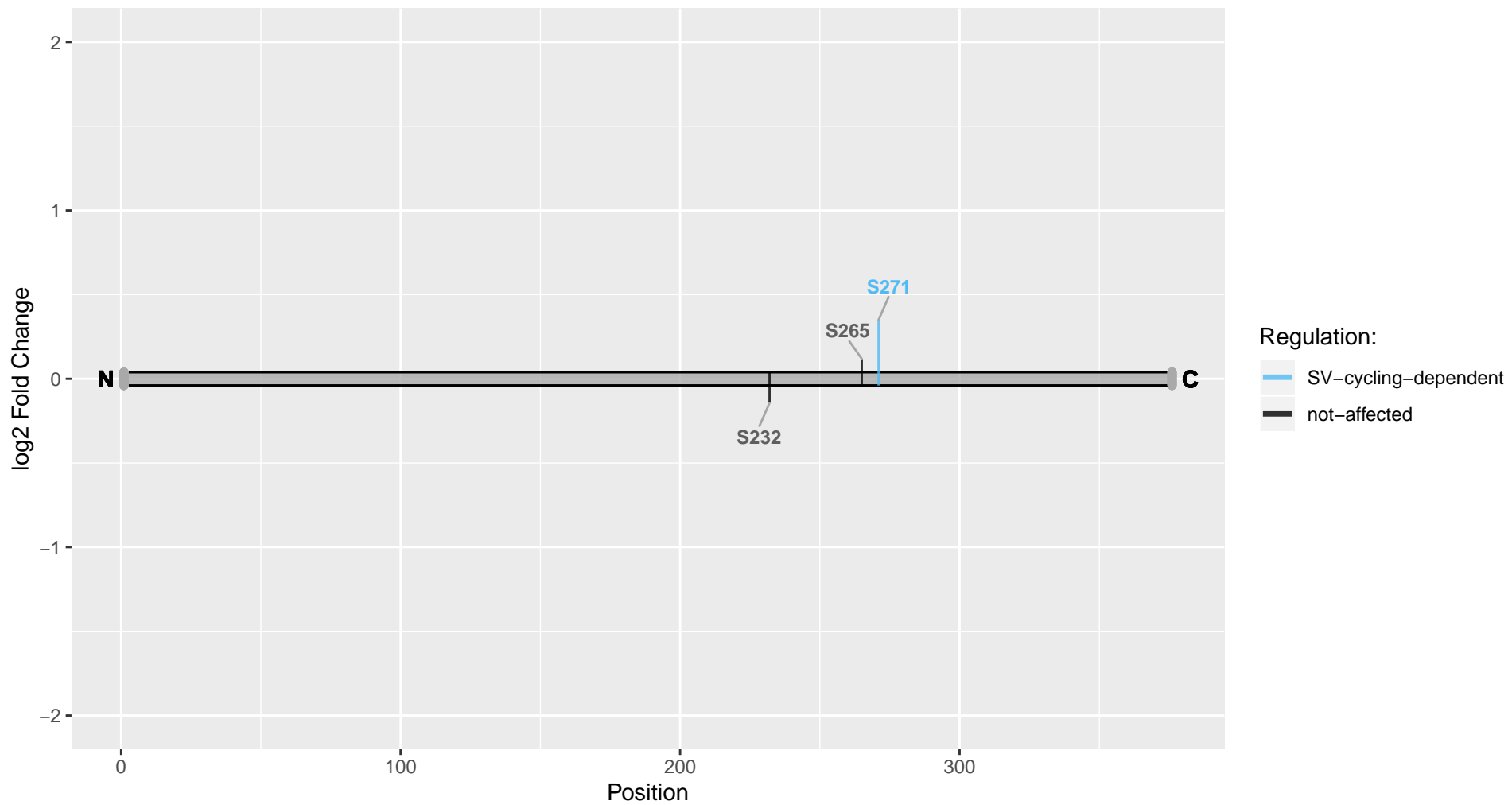
Phosphatidylethanolamine-binding protein 1



Pex14

Uniprot Accession: Q642G4

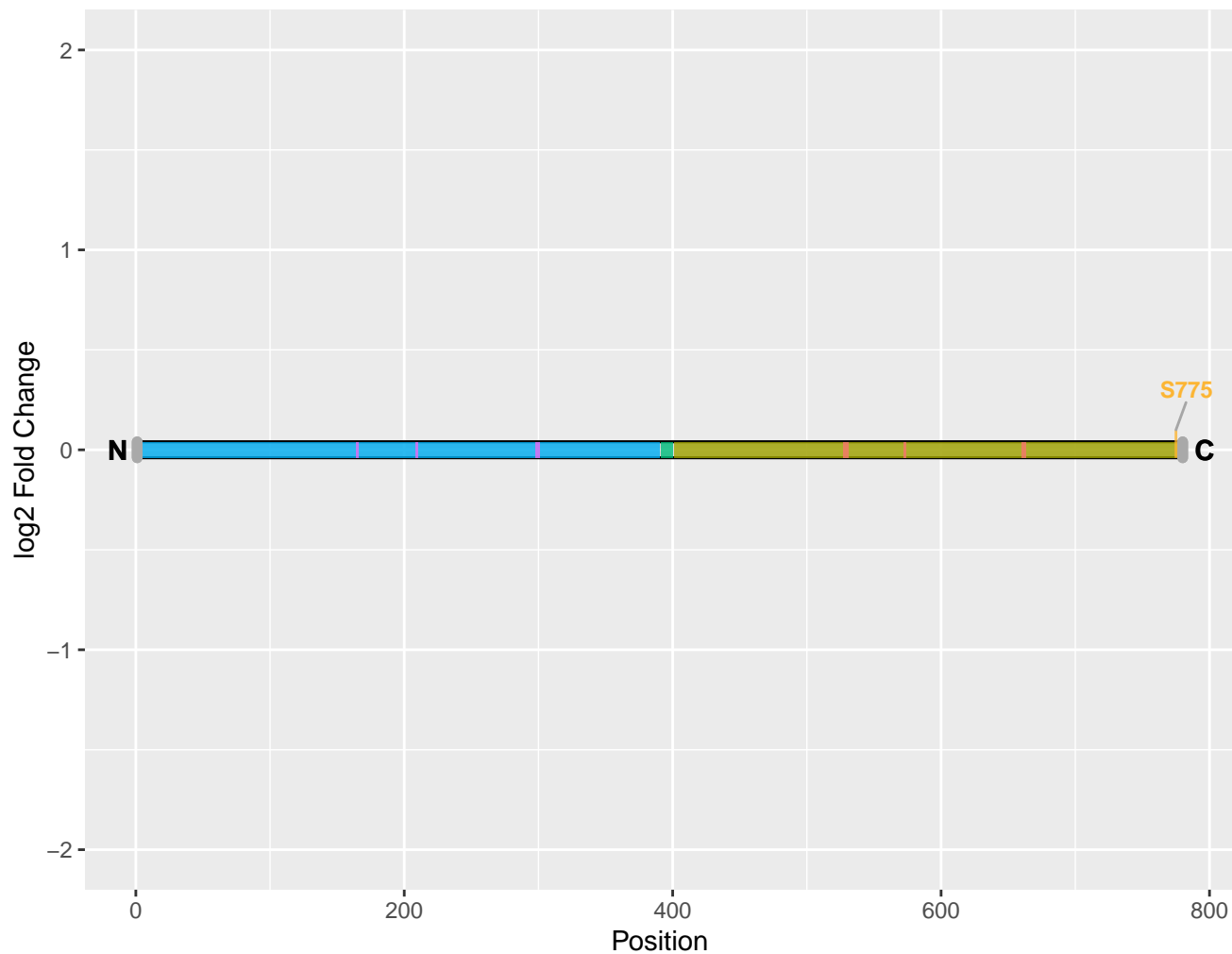
Peroxisomal membrane protein PEX14



Pfkl

Uniprot Accession: P30835

ATP-dependent 6-phosphofructokinase, liver type



Regulation:

primary Ca²⁺-dependent

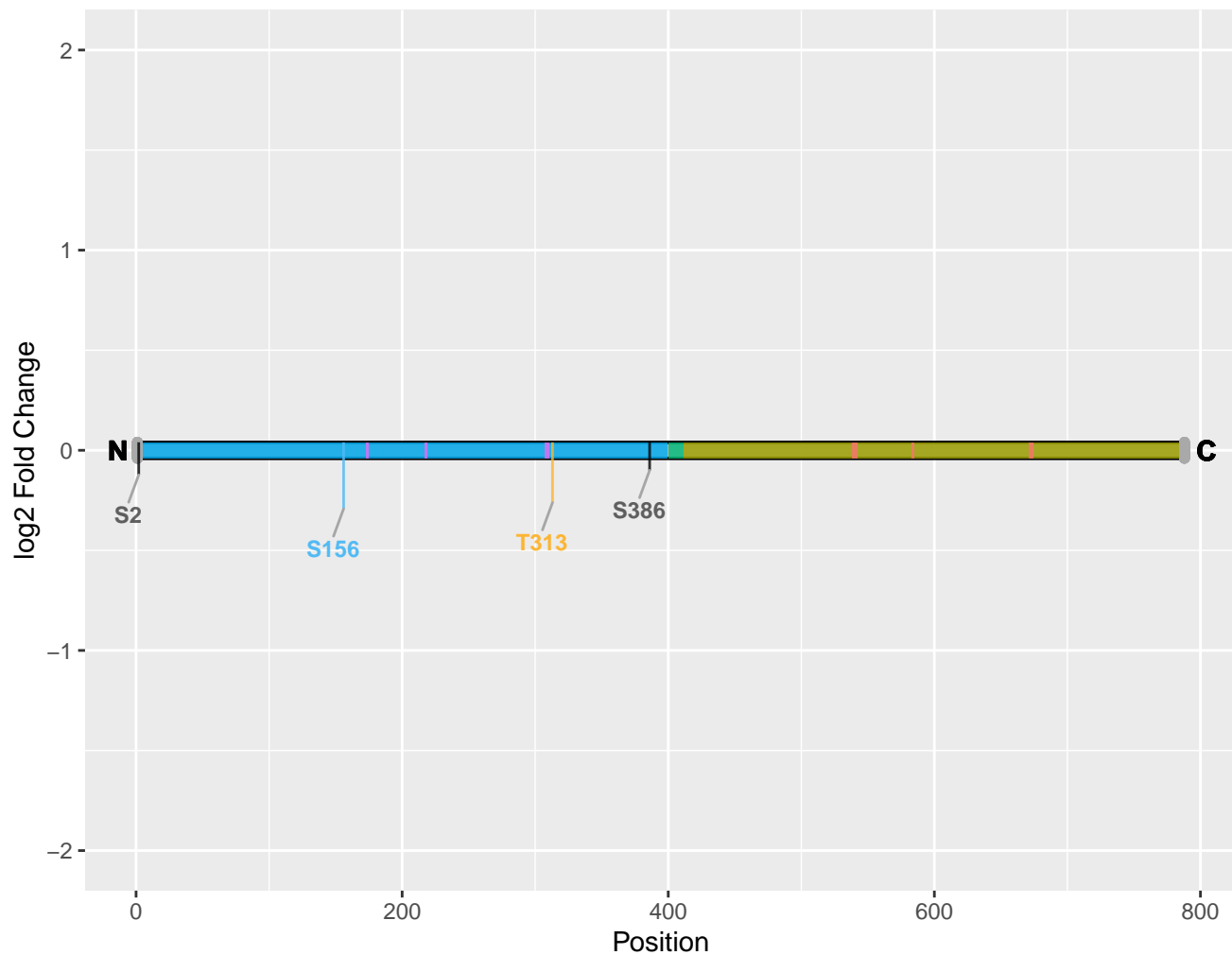
Domains and Regions:

- REGION: Allosteric activator fructose 2,6-bisphosphate binding
- REGION: C-terminal regulatory PFK domain 2
- REGION: Interdomain linker
- REGION: N-terminal catalytic PFK domain 1
- REGION: Substrate binding

Pfkp

Uniprot Accession: P47860

ATP-dependent 6-phosphofructokinase, platelet type



Regulation:

- primary Ca²⁺-dependent
- SV-cycling-dependent
- not-affected

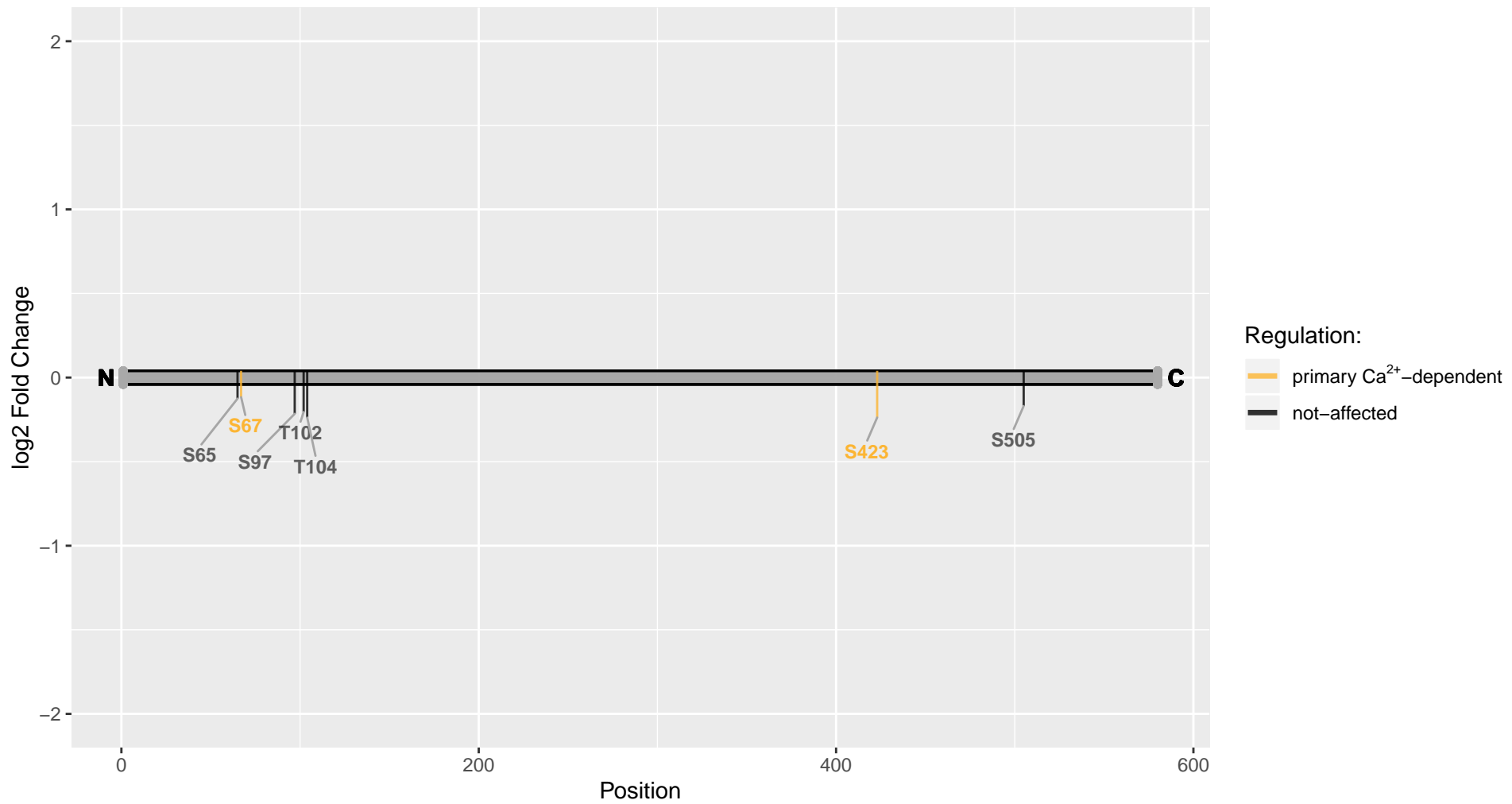
Domains and Regions:

- REGION: Allosteric activator fructose 2,6-bisphosphate binding
- REGION: C-terminal regulatory PFK domain 2
- REGION: Interdomain linker
- REGION: N-terminal catalytic PFK domain 1
- REGION: Substrate binding

Phactr1

Uniprot Accession: P62024

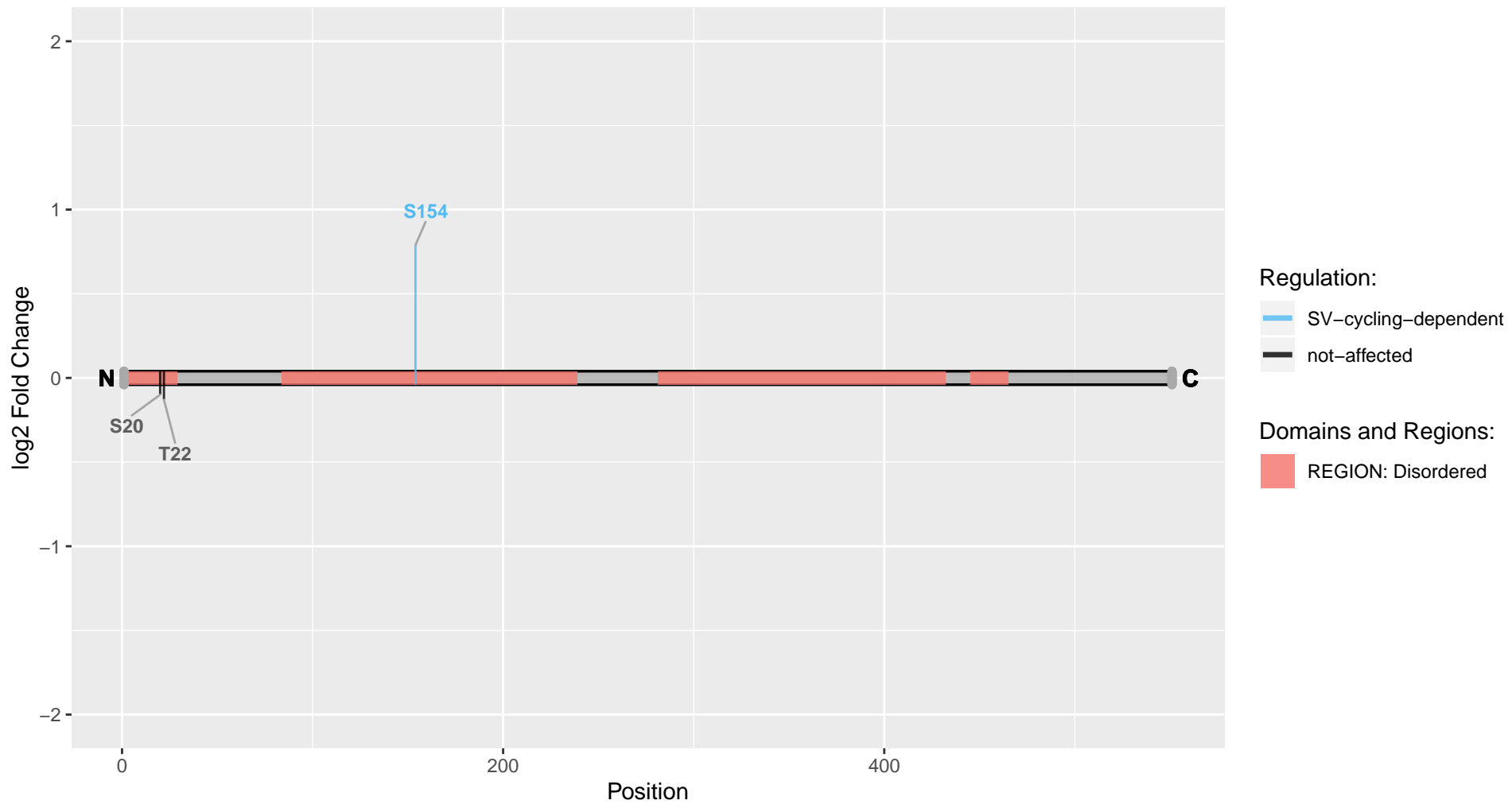
Phosphatase and actin regulator 1



Phactr2

Uniprot Accession: A0A0G2K8Q4

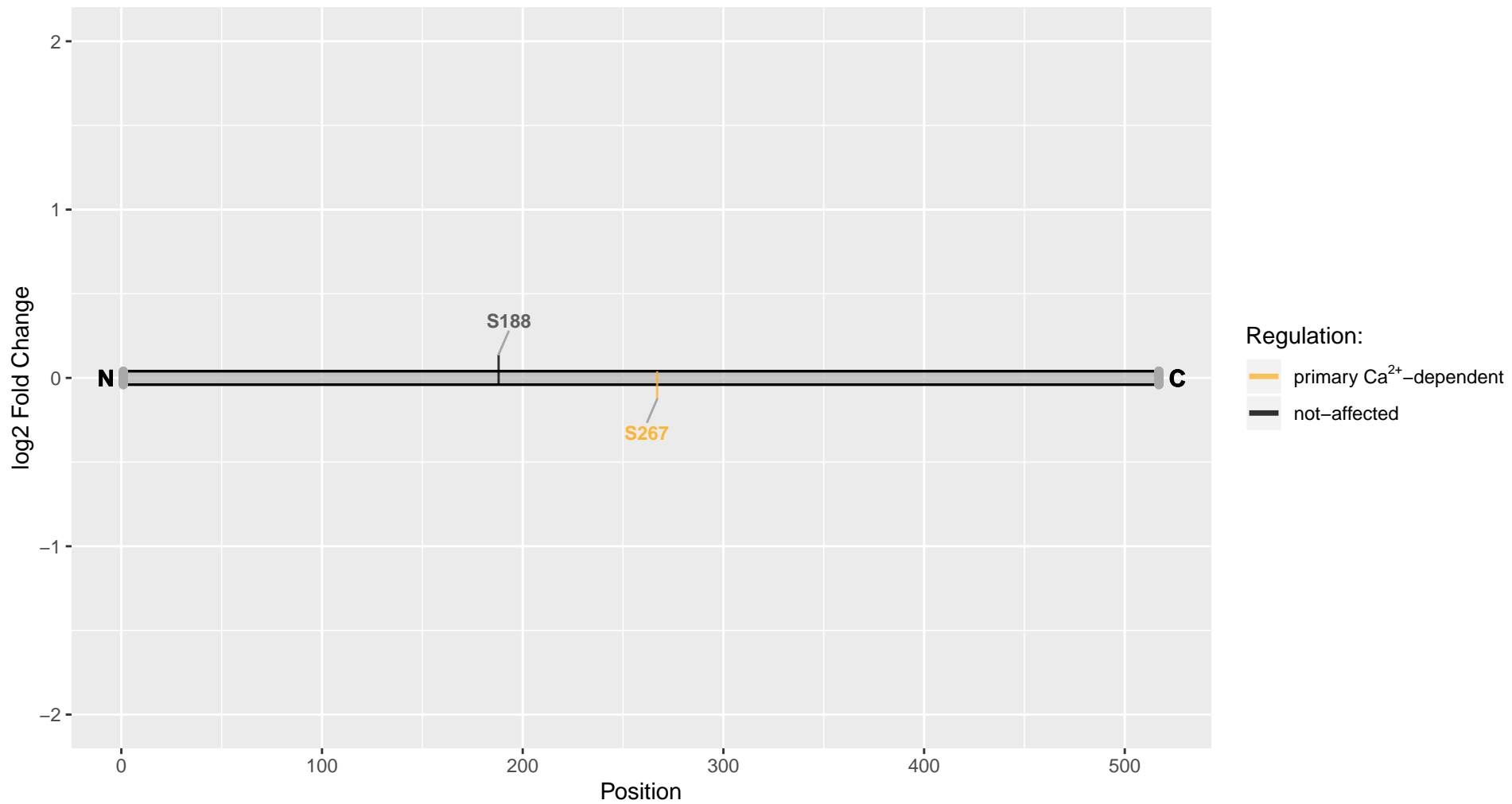
Phosphatase and actin regulator



Phactr3

Uniprot Accession: Q6RFY2

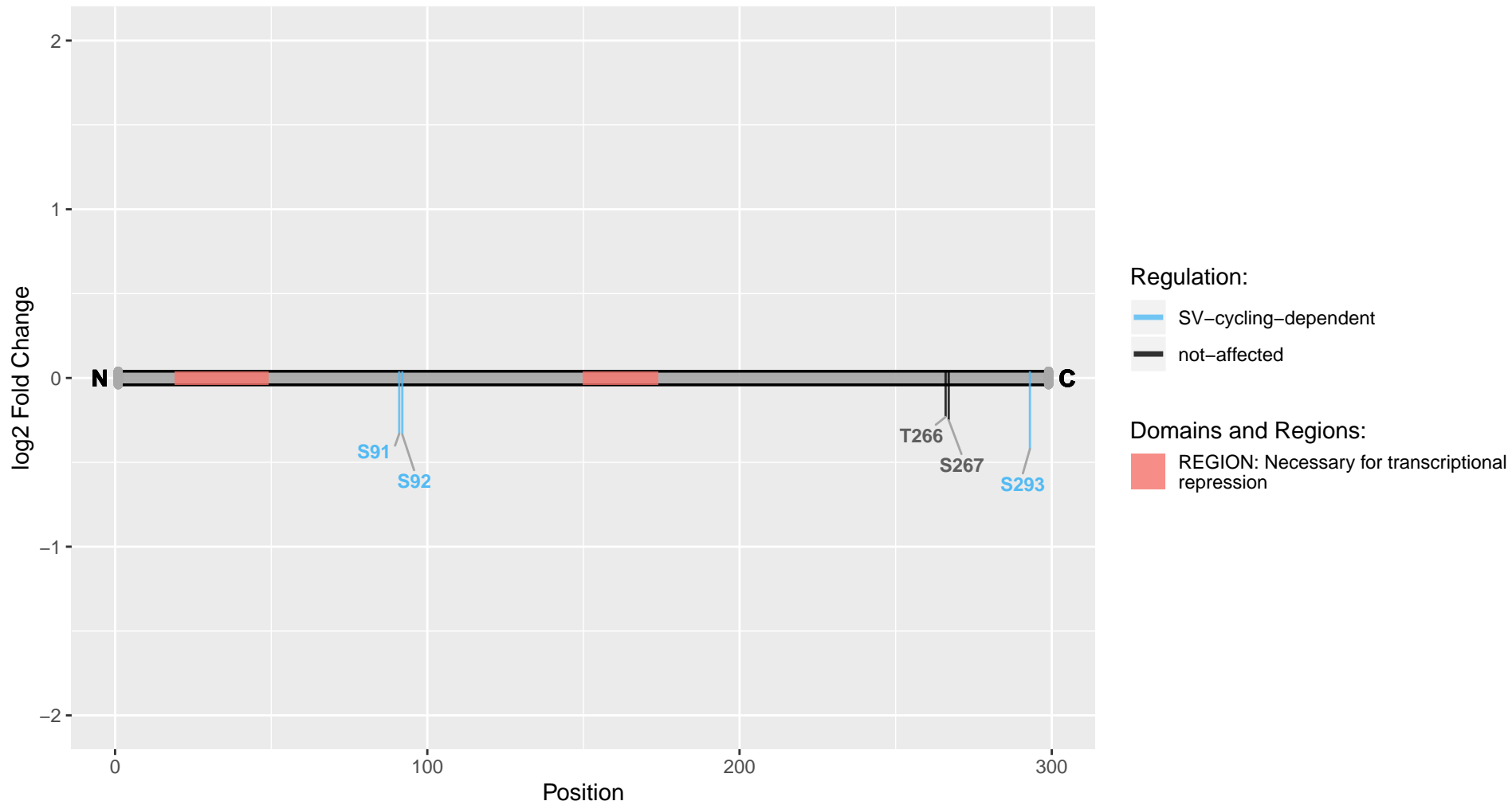
Phosphatase and actin regulator 3



Phb2

Uniprot Accession: Q5XIH7

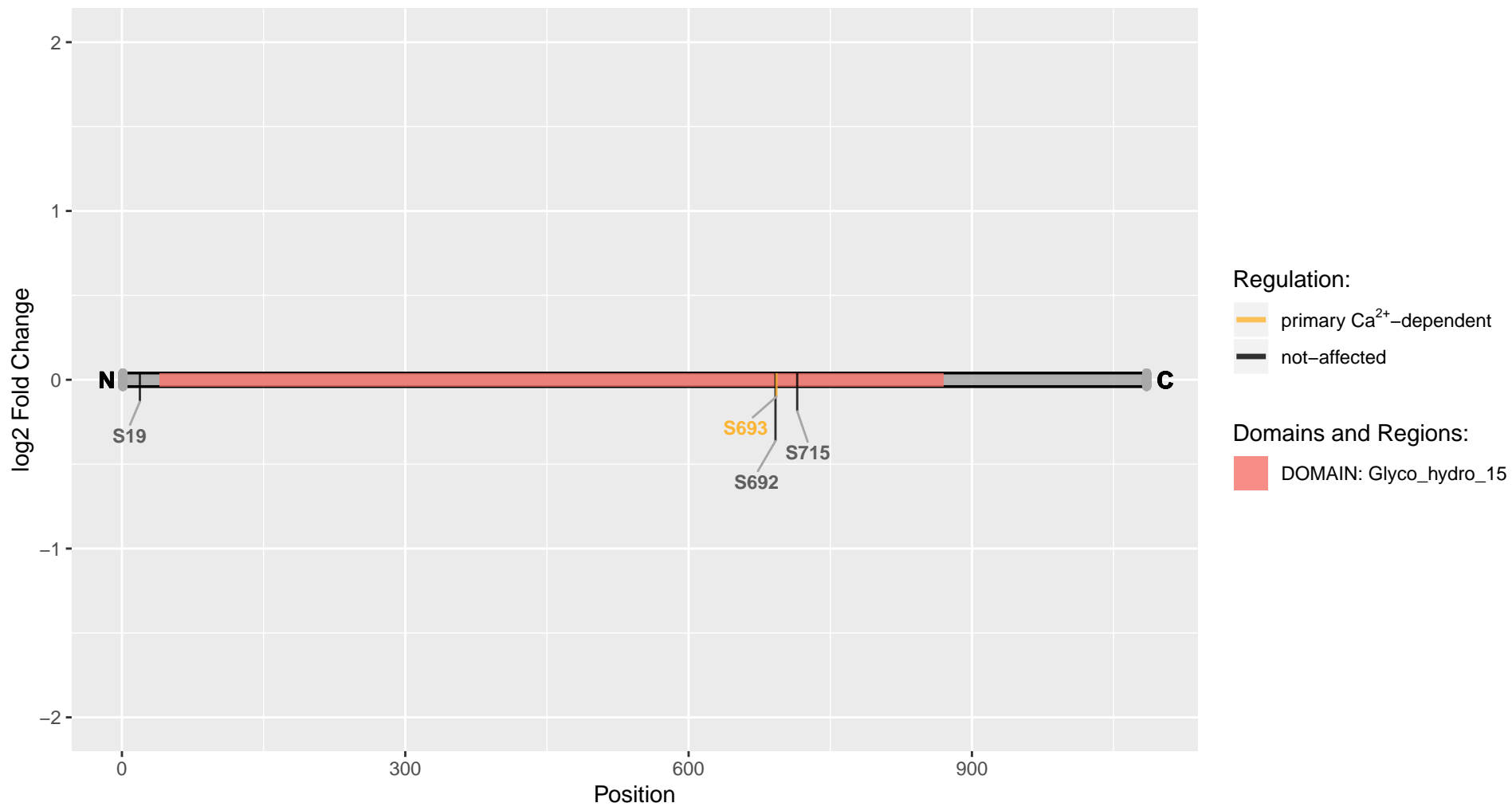
Prohibitin-2



Phkb

Uniprot Accession: A0A0G2K9C8

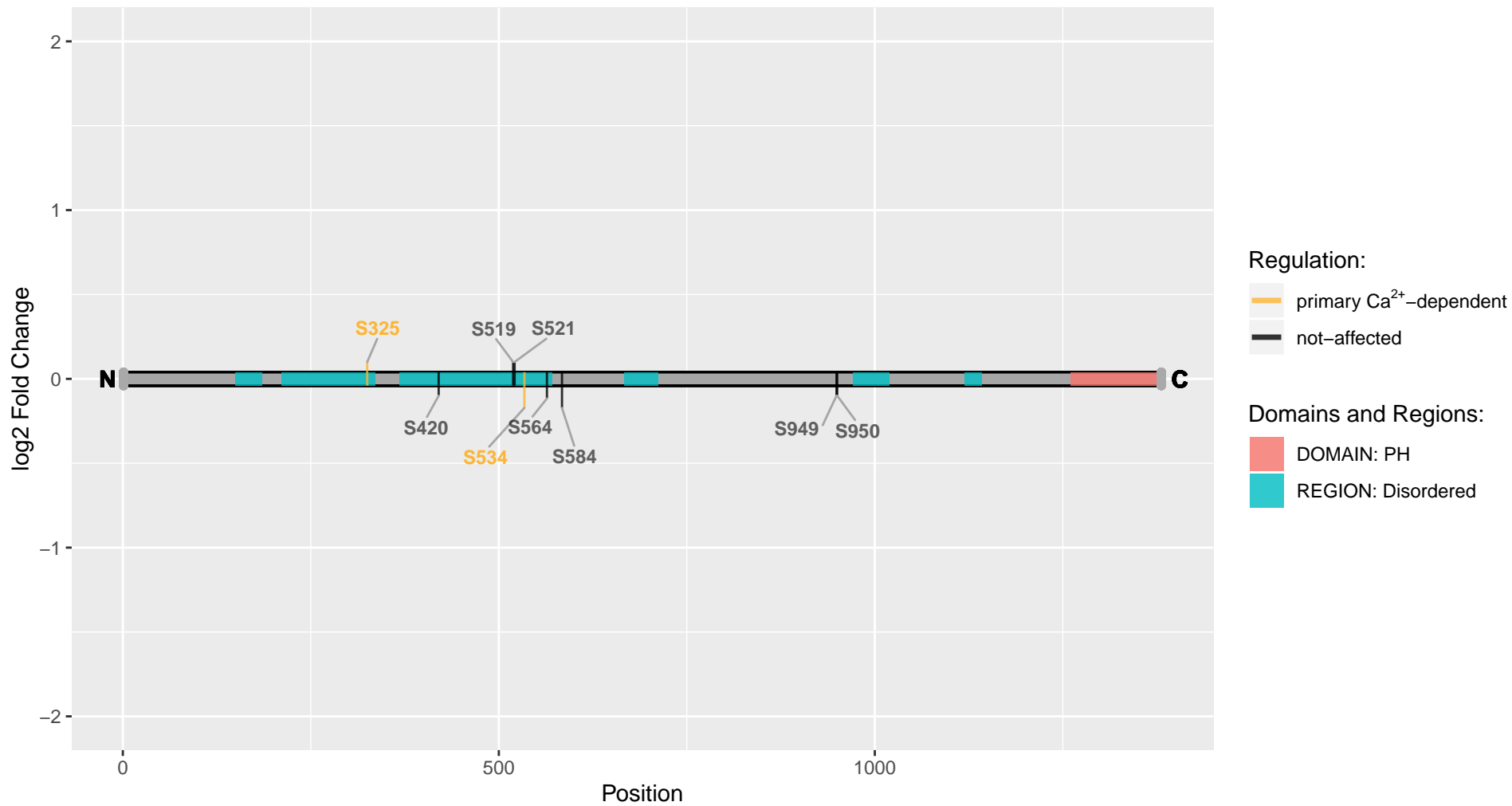
Phosphorylase b kinase regulatory subunit



Phldb1

Uniprot Accession: D3ZNS1

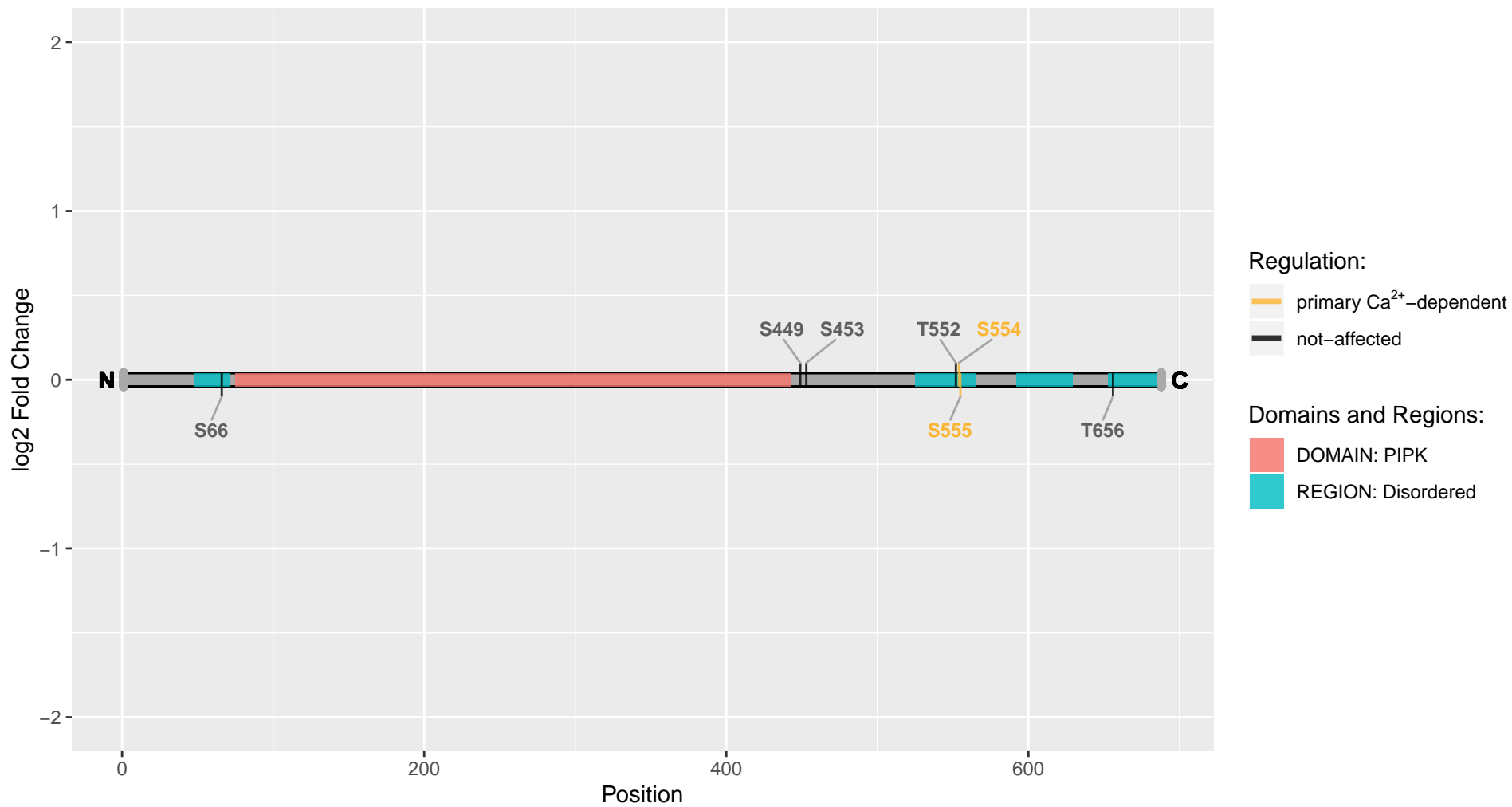
Pleckstrin homology-like domain family B member 1



Pip5k1c

Uniprot Accession: F1M8H6

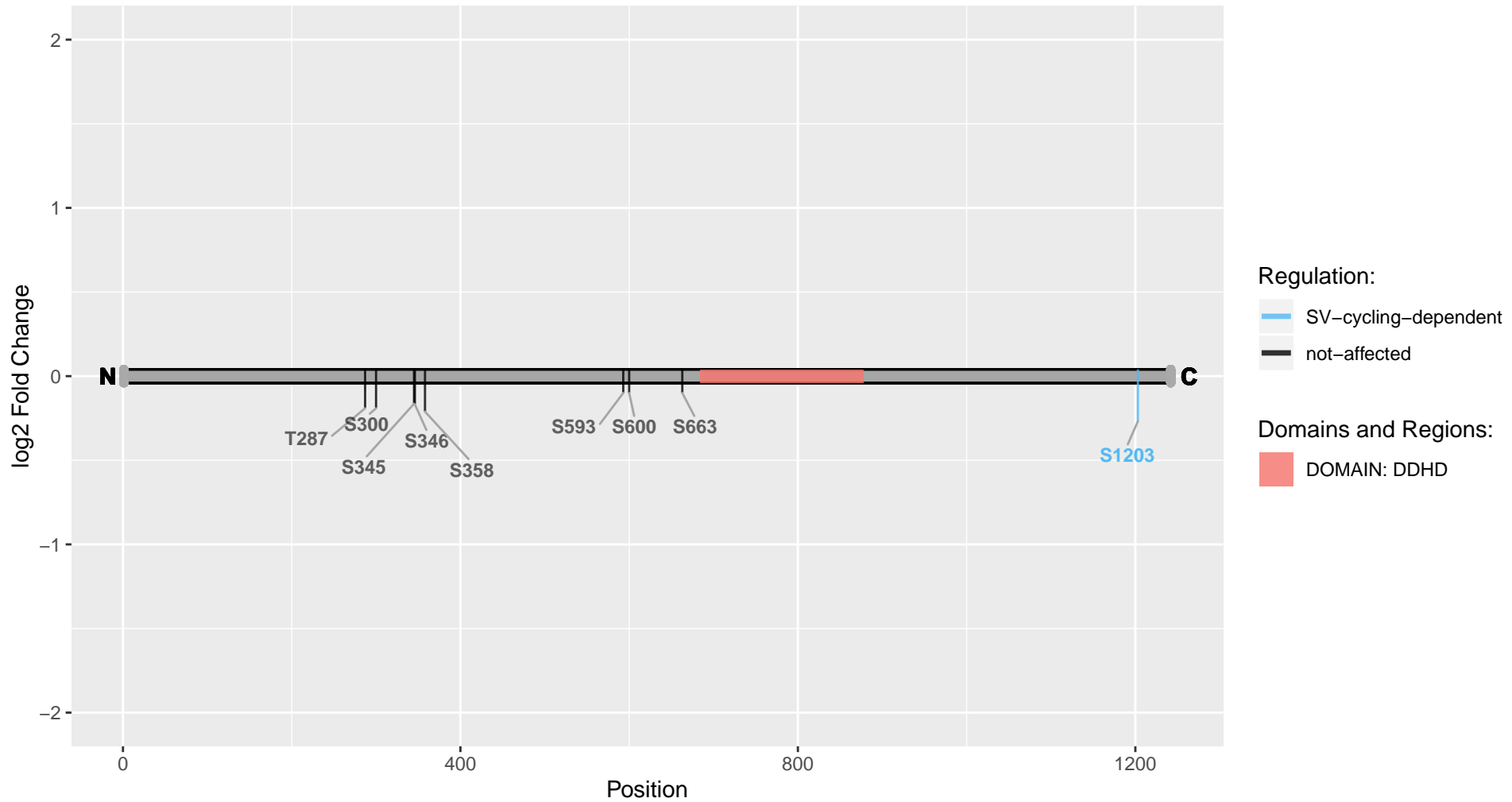
Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma



Pitpnm1

Uniprot Accession: Q5U2N3

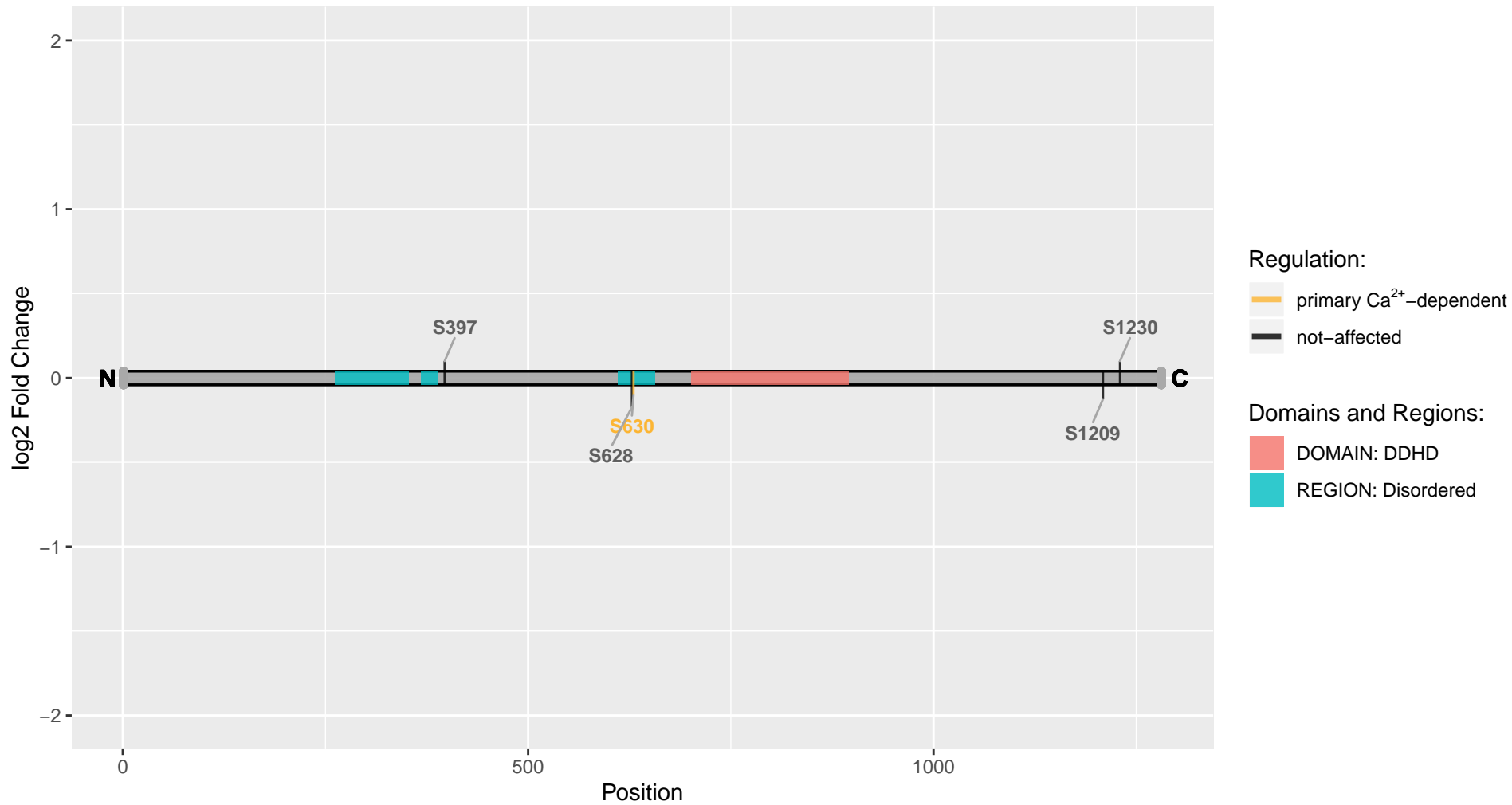
Membrane-associated phosphatidylinositol transfer protein 1



Pitpnm2

Uniprot Accession: F1LXD6

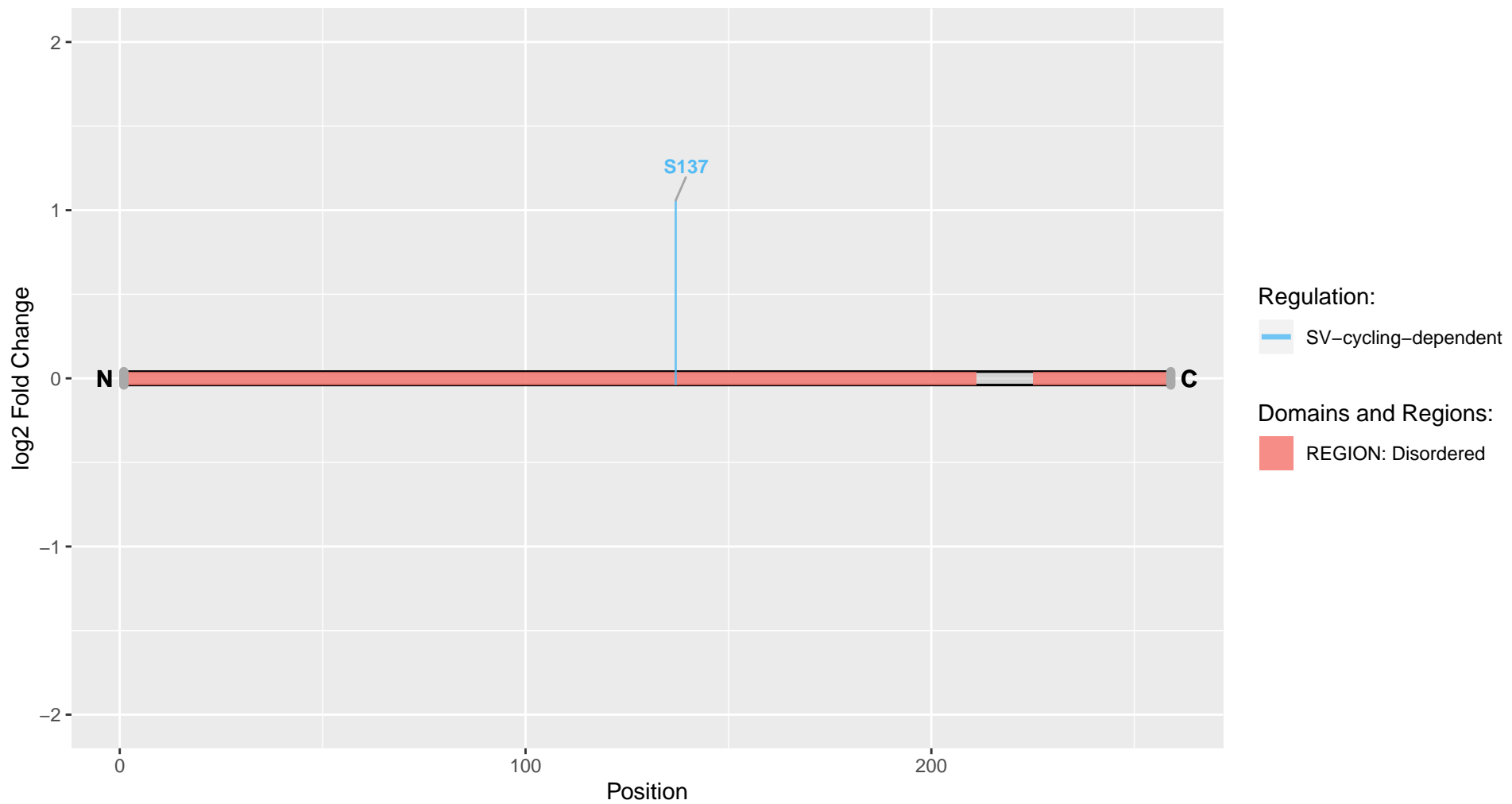
Phosphatidylinositol transfer protein, membrane-associated 2



Pja1

Uniprot Accession: A0A0U1RRV0

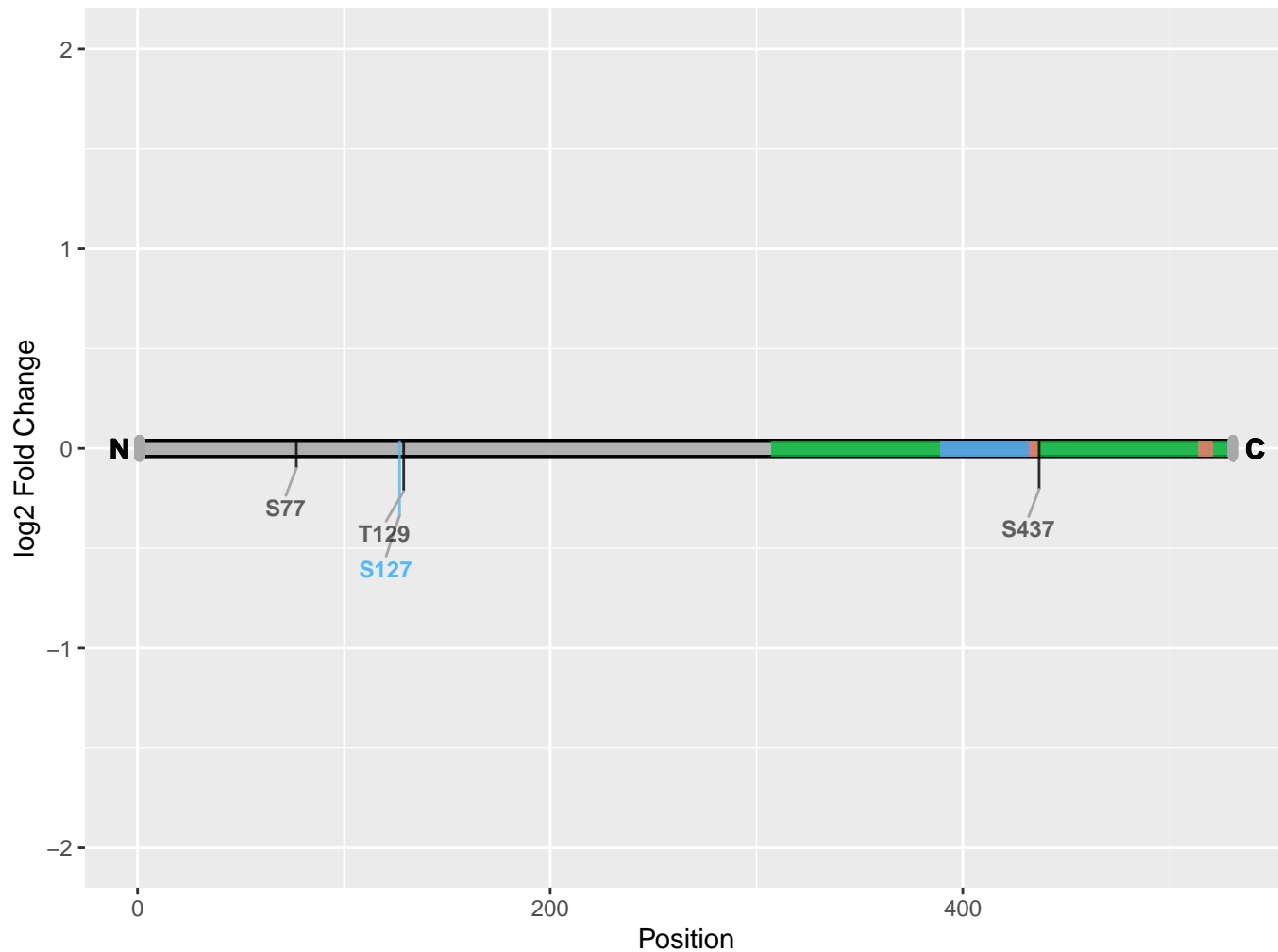
Praja ring finger ubiquitin ligase 1 (Fragment)



Pkm

Uniprot Accession: P11980

Pyruvate kinase PKM



Regulation:

- SV-cycling-dependent
- not-affected

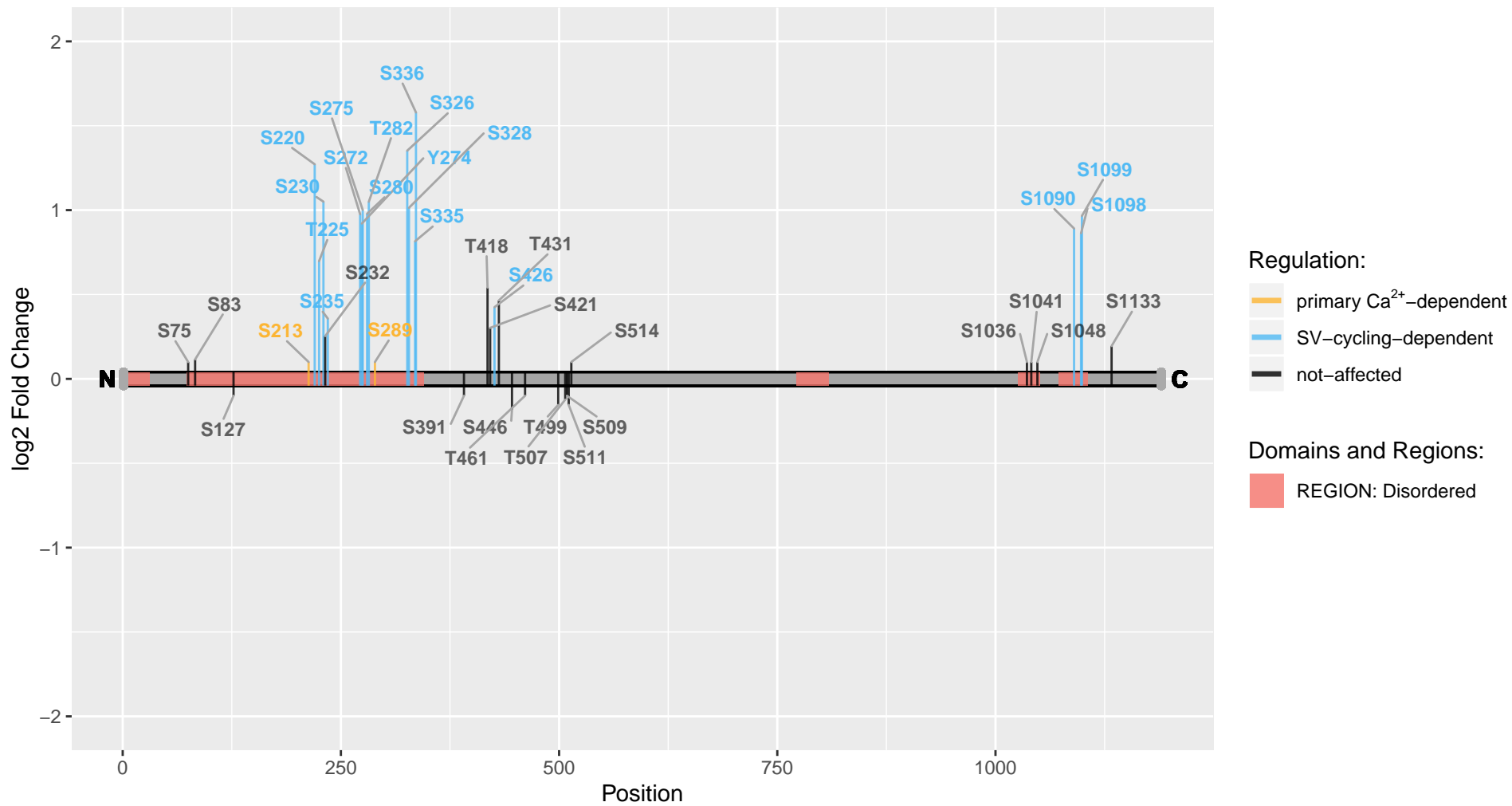
Domains and Regions:

- REGION: D-fructose 1,6-bisphosphate binding; part of allosteric site
- REGION: Interaction with POU5F1
- REGION: Intersubunit contact

Pkp4

Uniprot Accession: F1M2K6

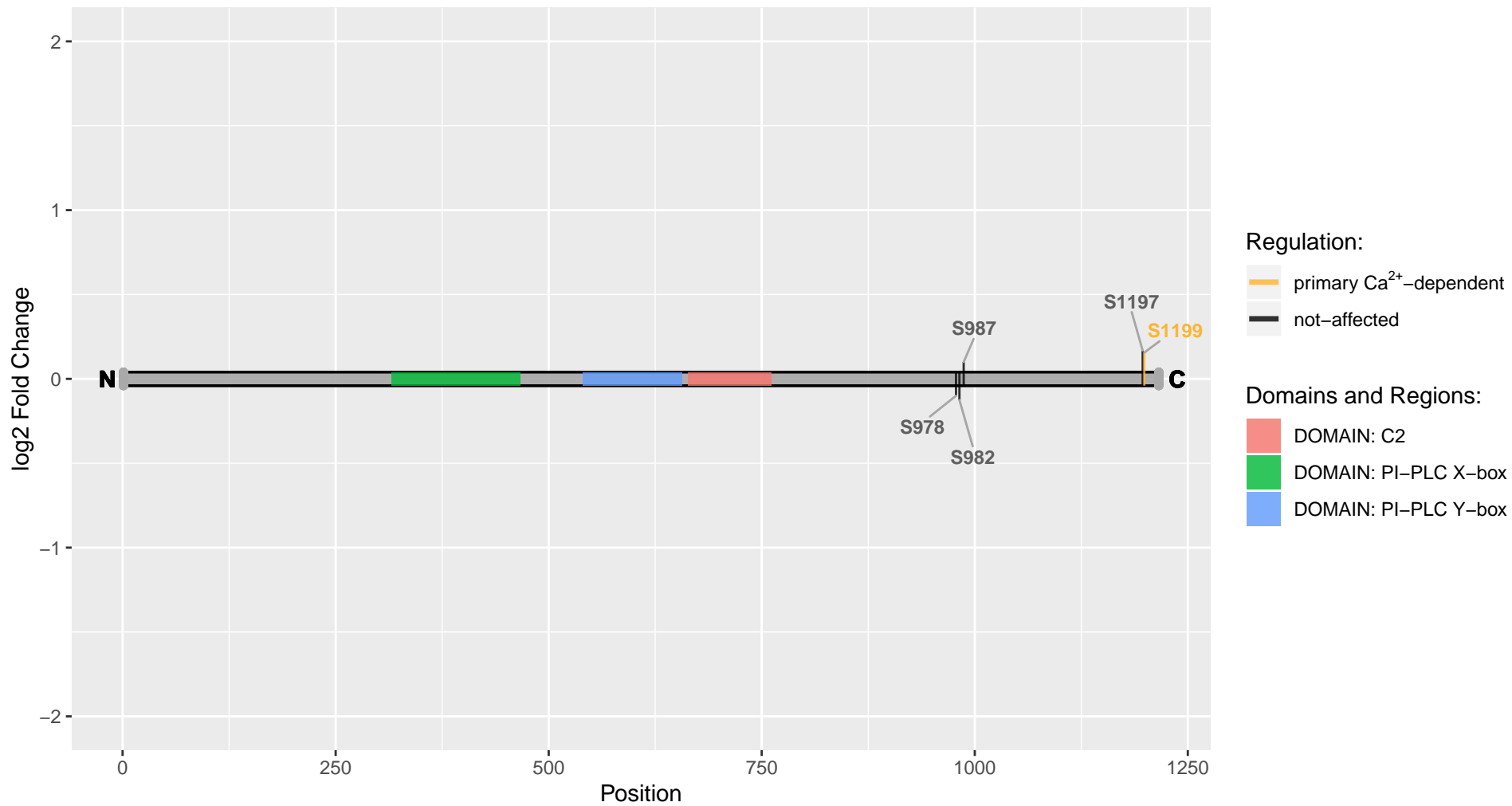
Plakophilin 4



Plcb1

Uniprot Accession: P10687

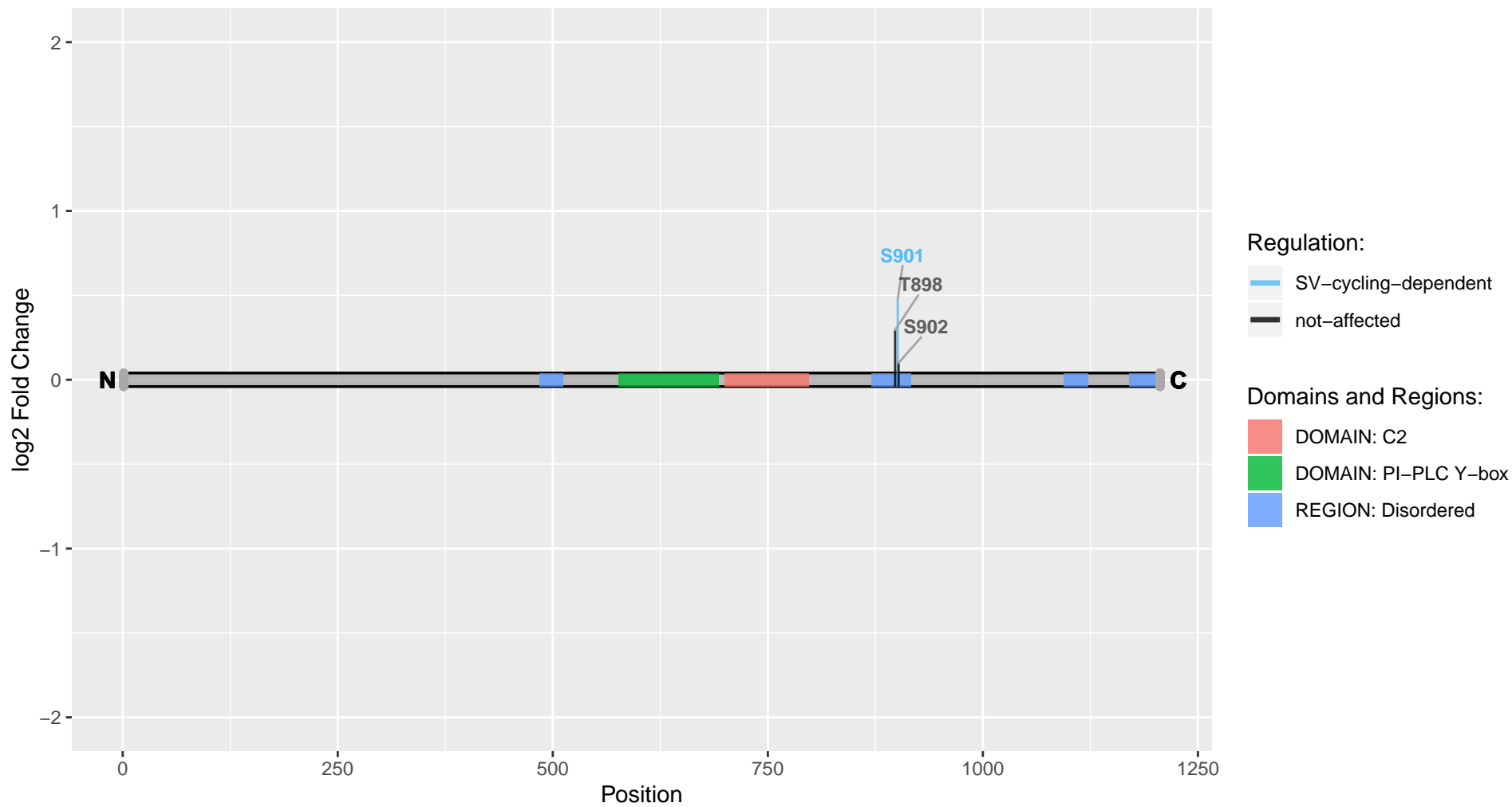
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1



Plcb4

Uniprot Accession: D4A8C5

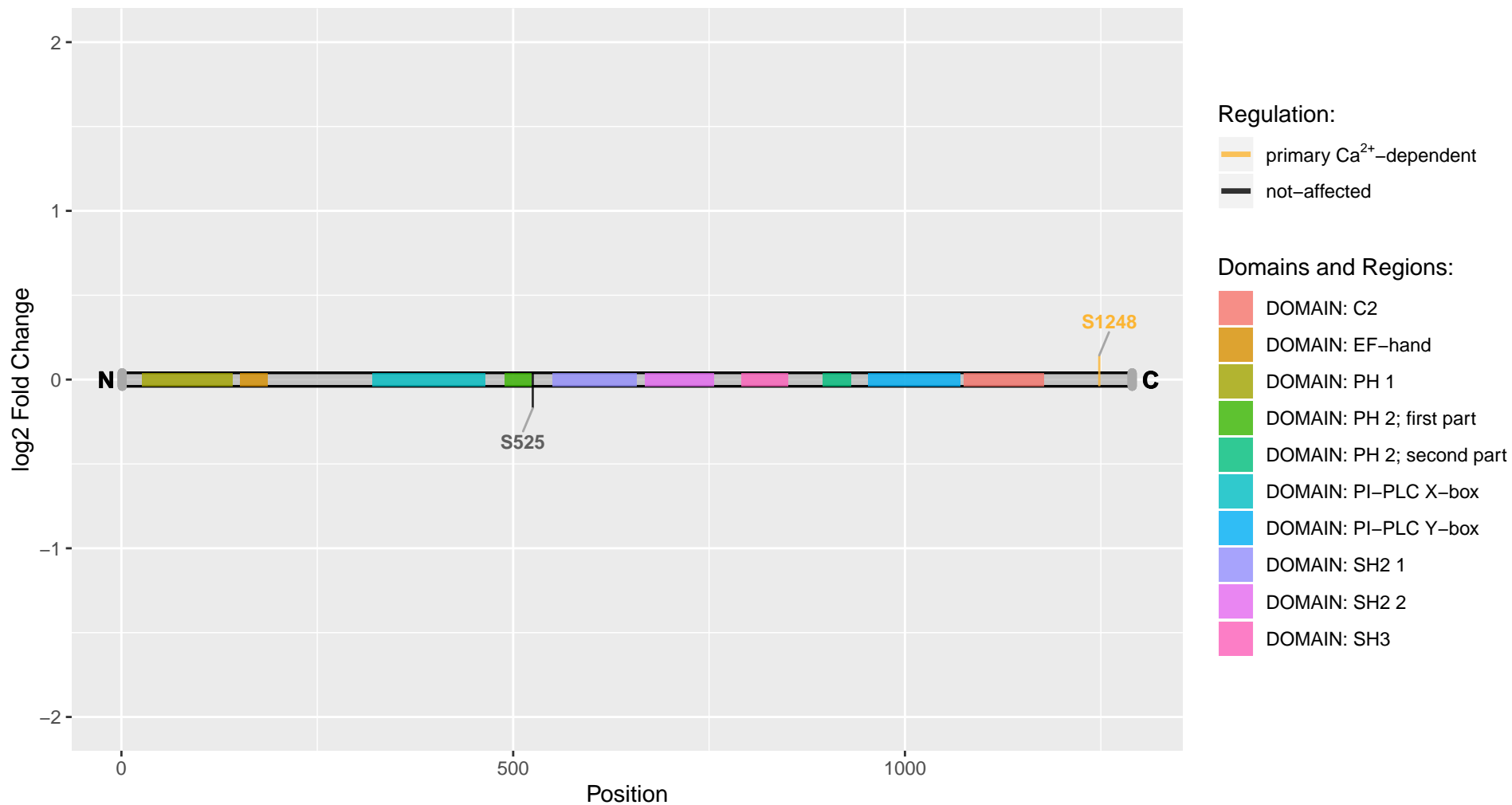
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase



Plcg1

Uniprot Accession: P10686

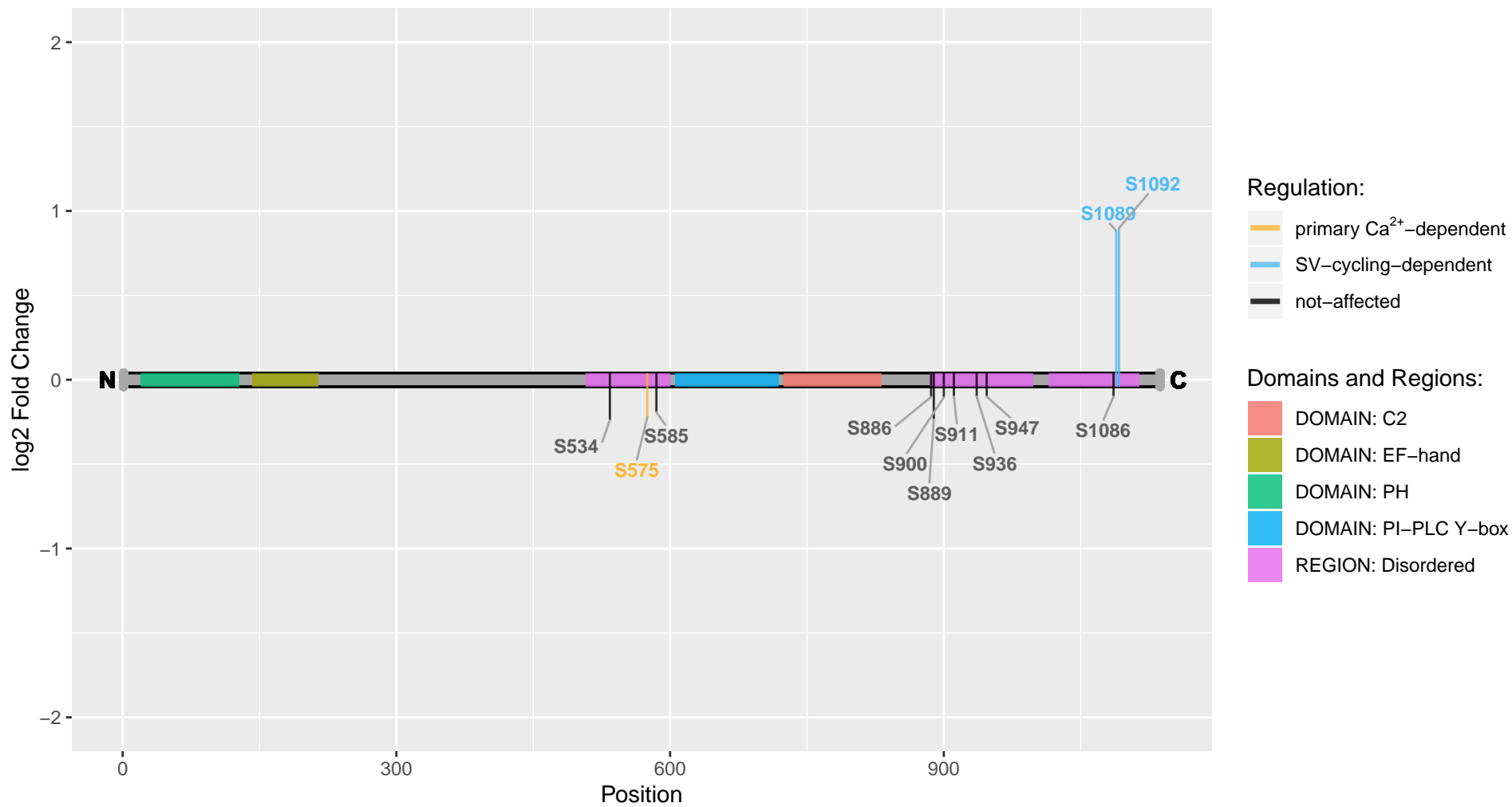
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1



Plch2

Uniprot Accession: D4AAX6

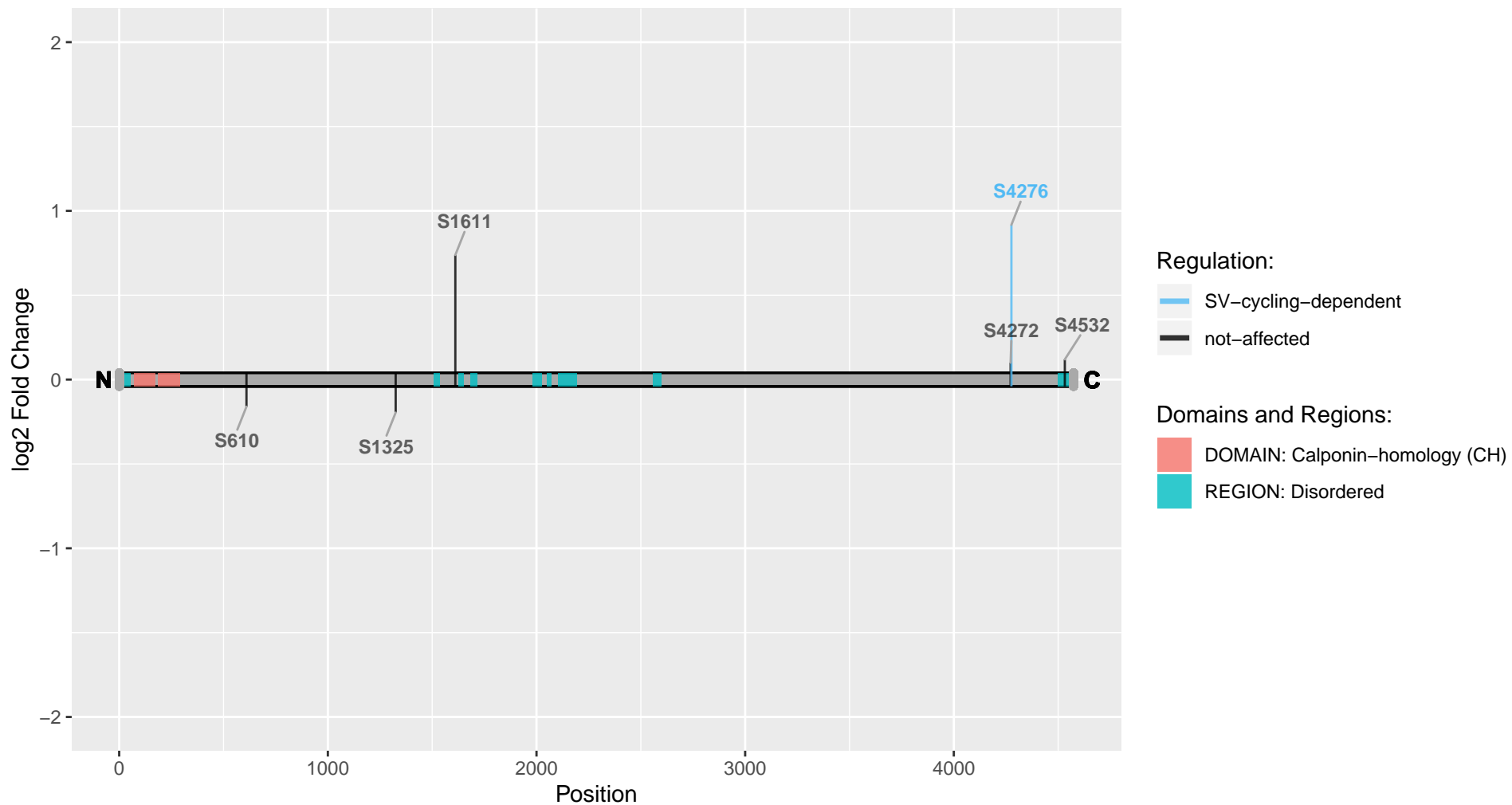
Phosphoinositide phospholipase C



Plec

Uniprot Accession: Q6S3A5

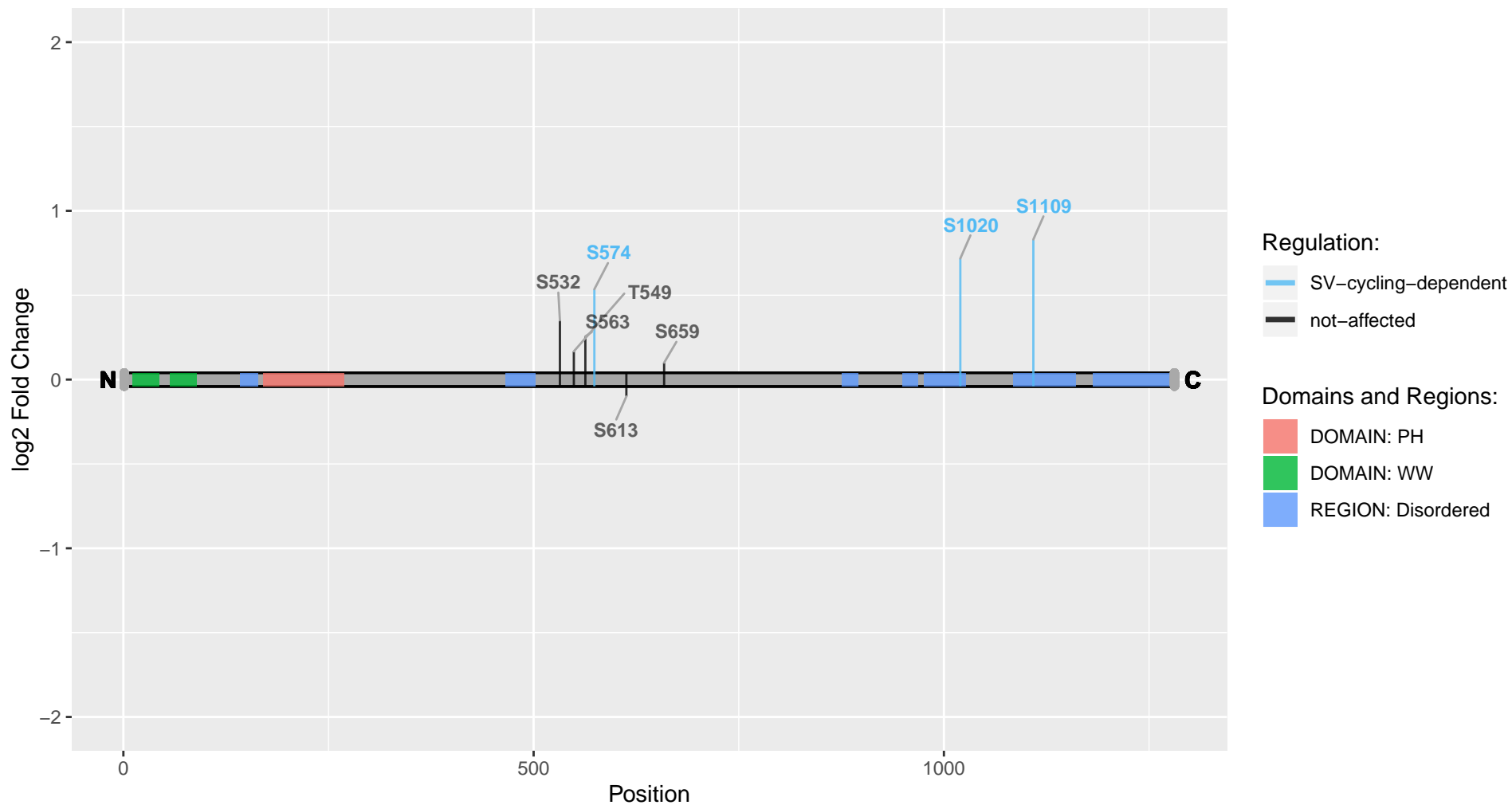
Plectin



Plekha5

Uniprot Accession: E9PTG5

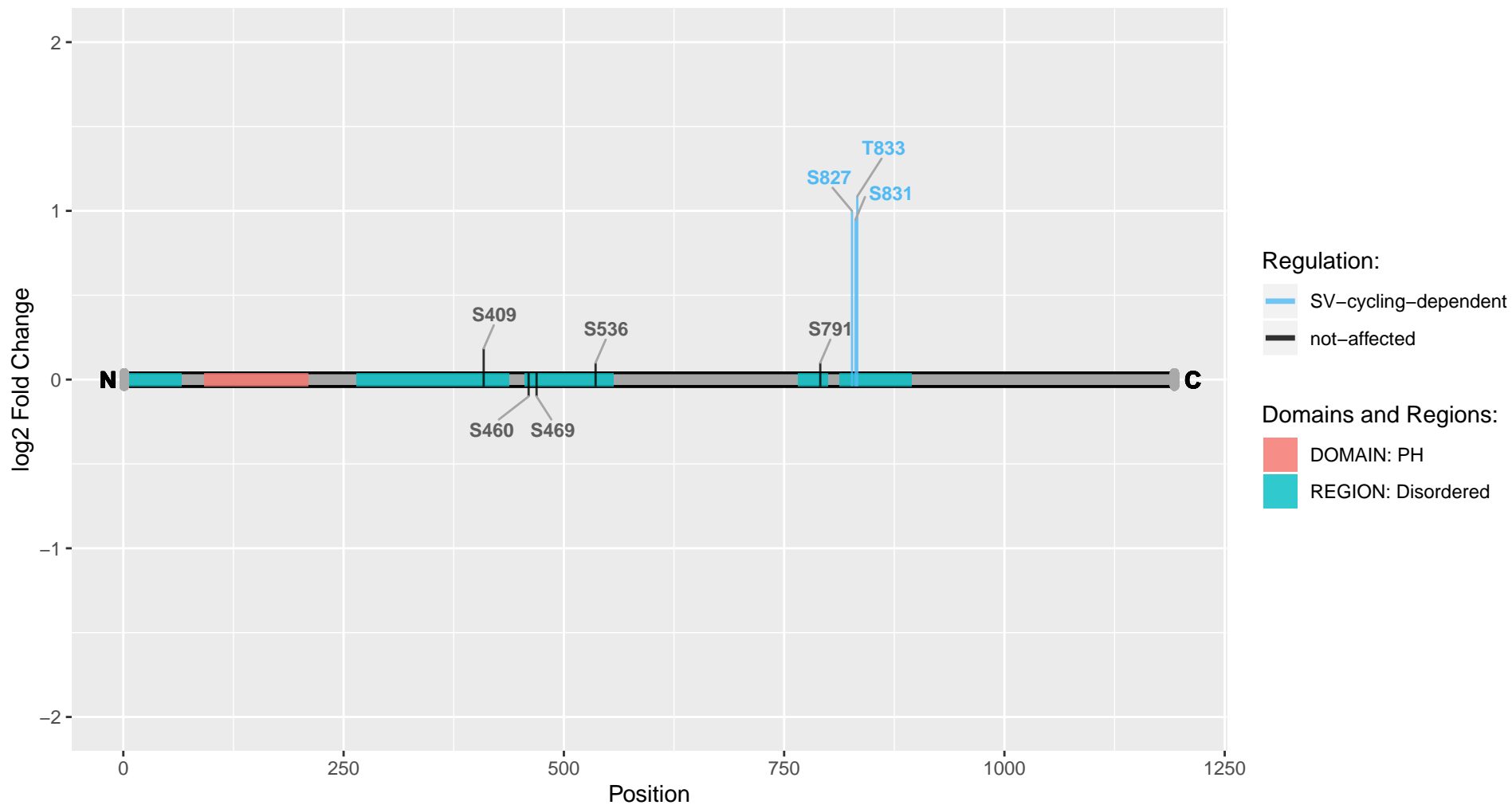
Pleckstrin homology domain-containing A5



Plekha7

Uniprot Accession: A0A0G2K6Z8

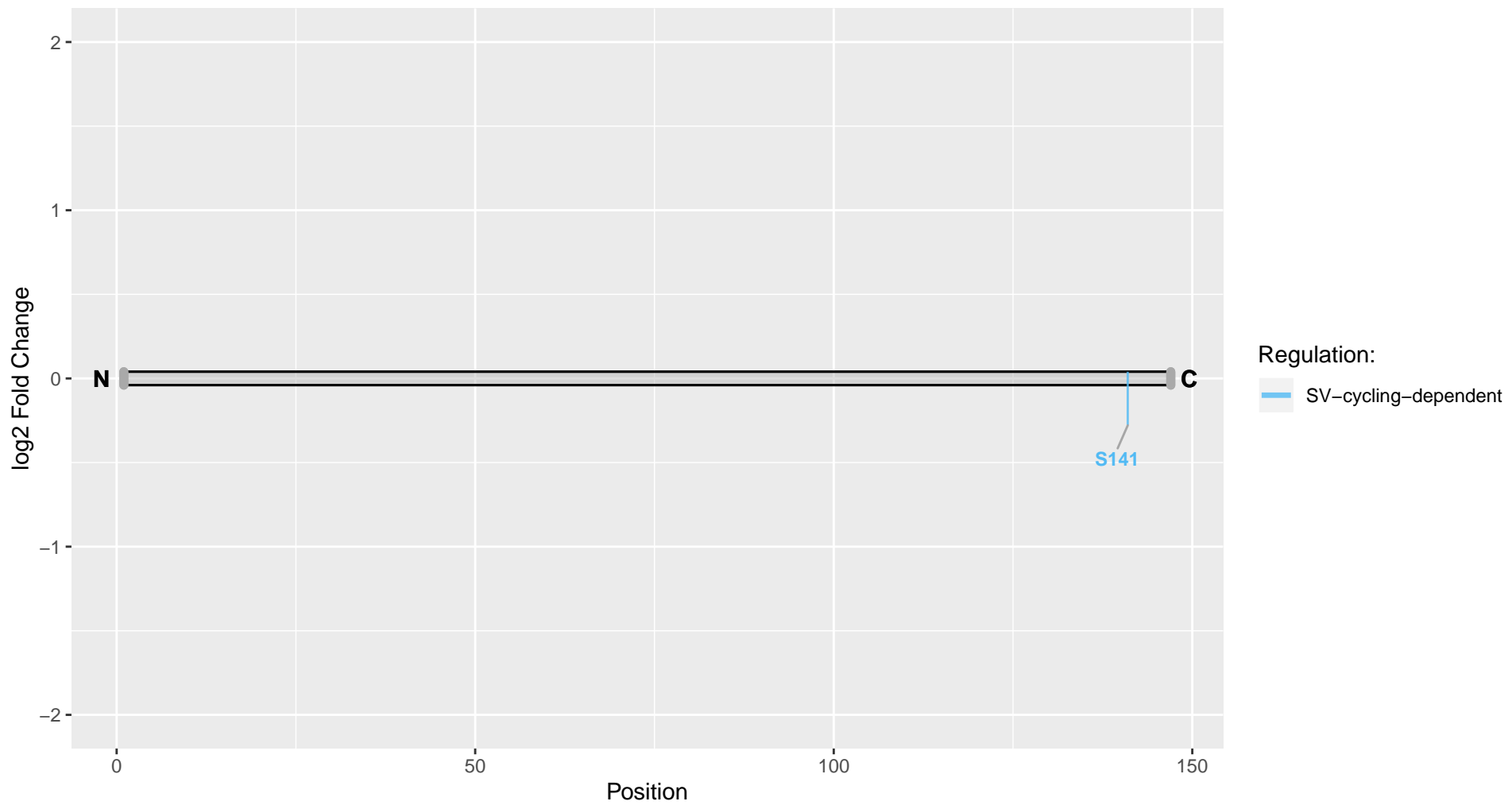
Pleckstrin homology domain-containing A7



Plgrkt

Uniprot Accession: D4ACN8

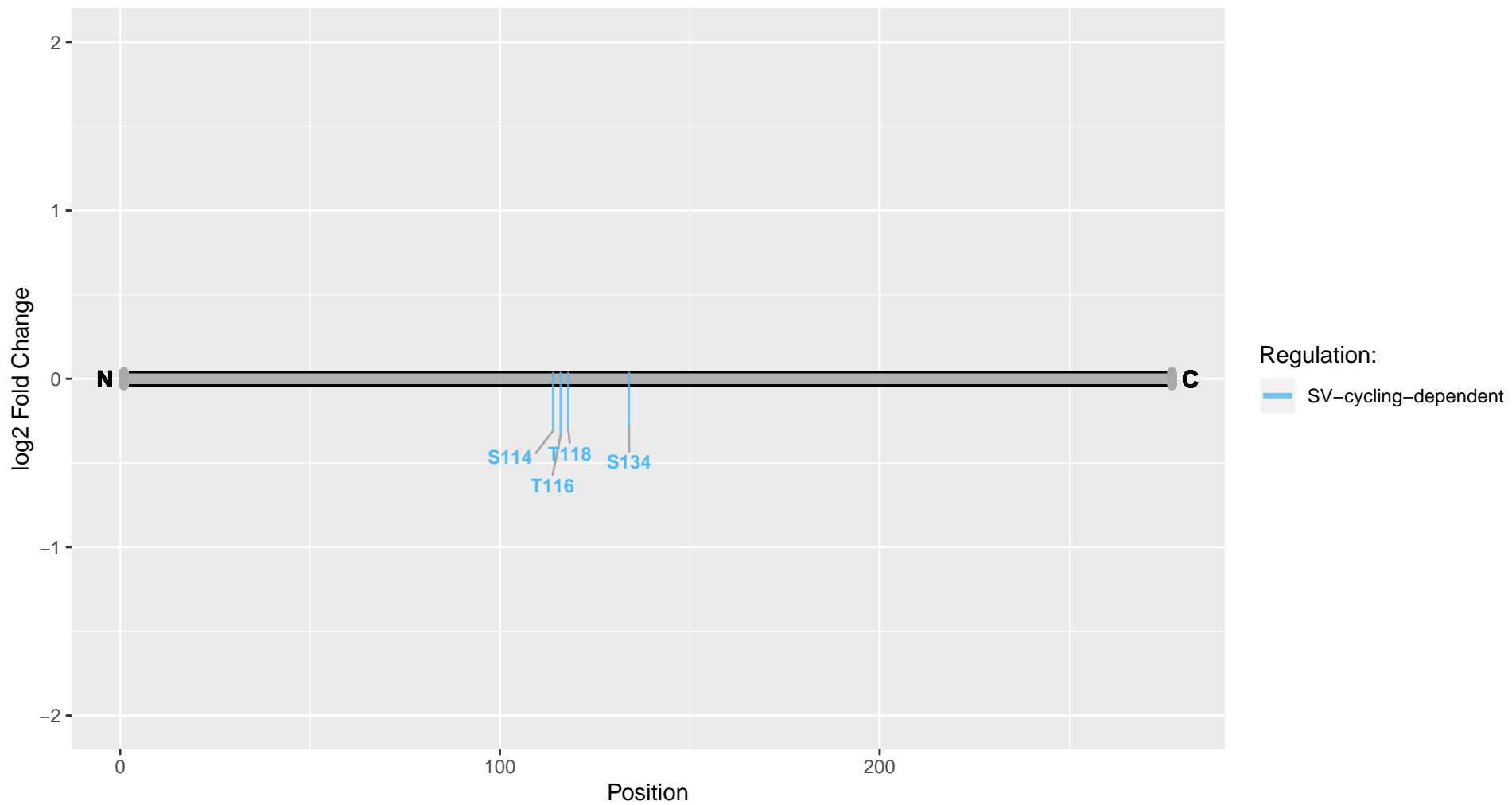
Plasminogen receptor (KT)



Plp1

Uniprot Accession: P60203

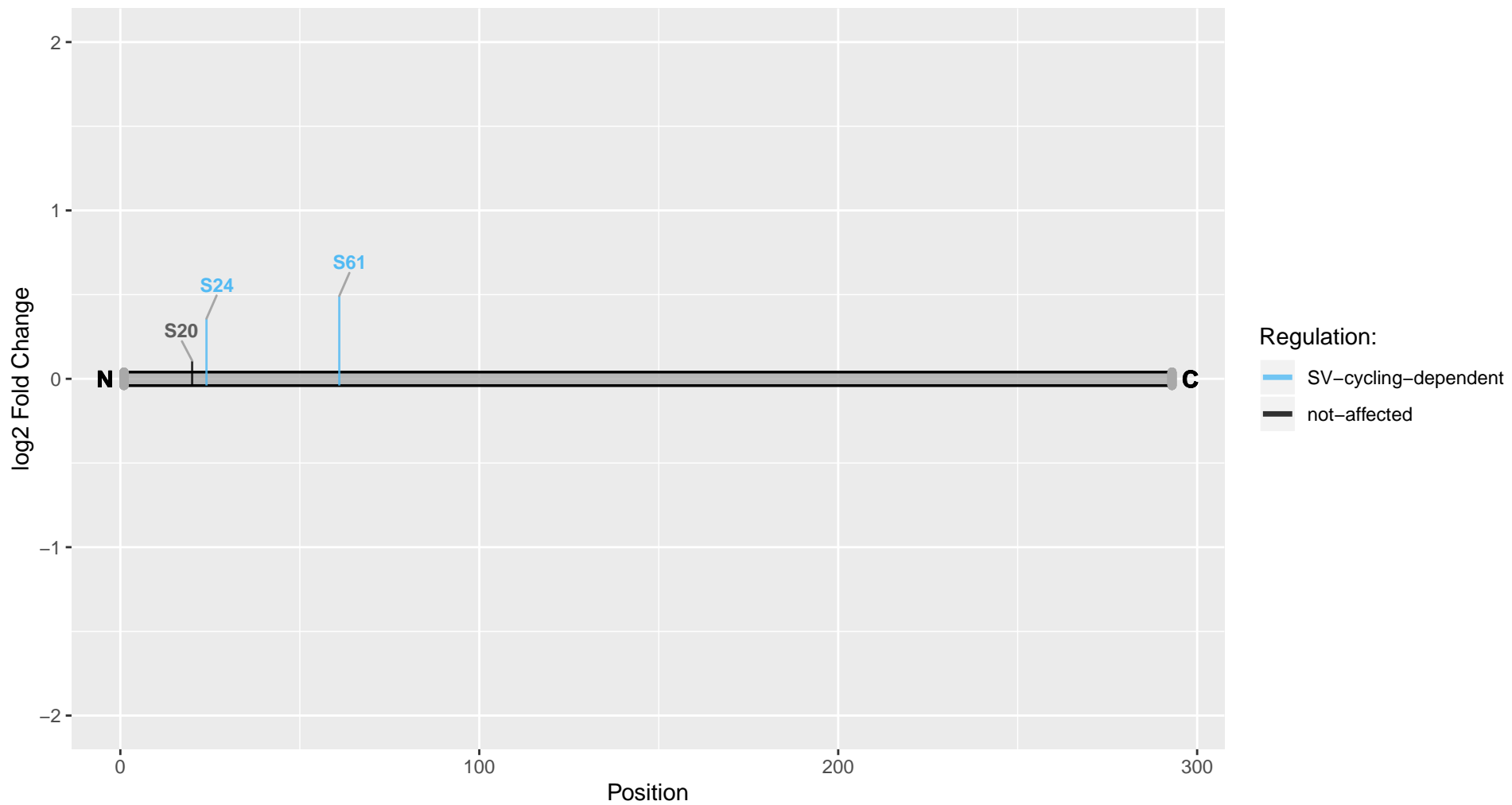
Myelin proteolipid protein



Plpp6

Uniprot Accession: Q66H88

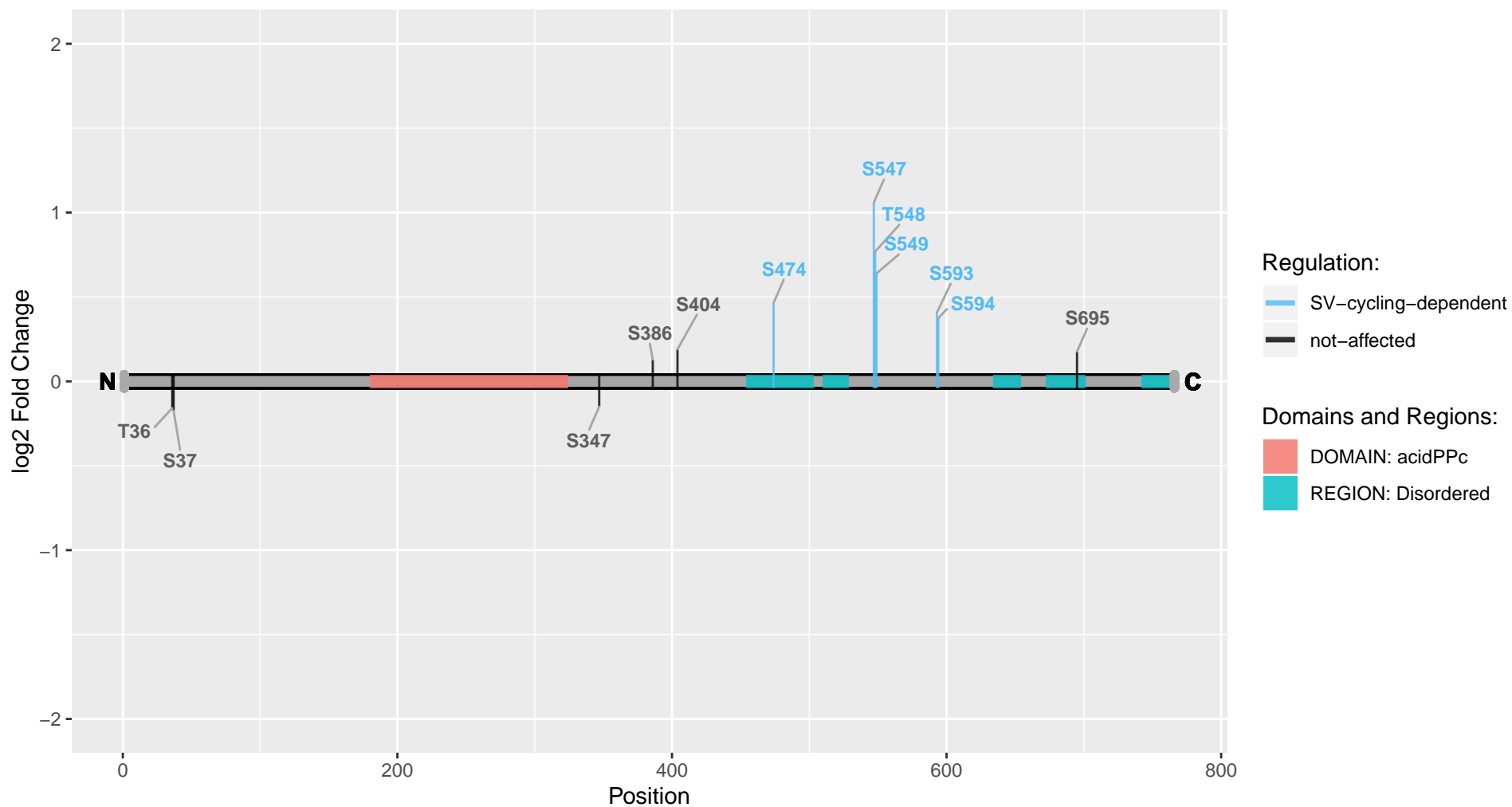
Phospholipid phosphatase 6



Plppr4

Uniprot Accession: G3V864

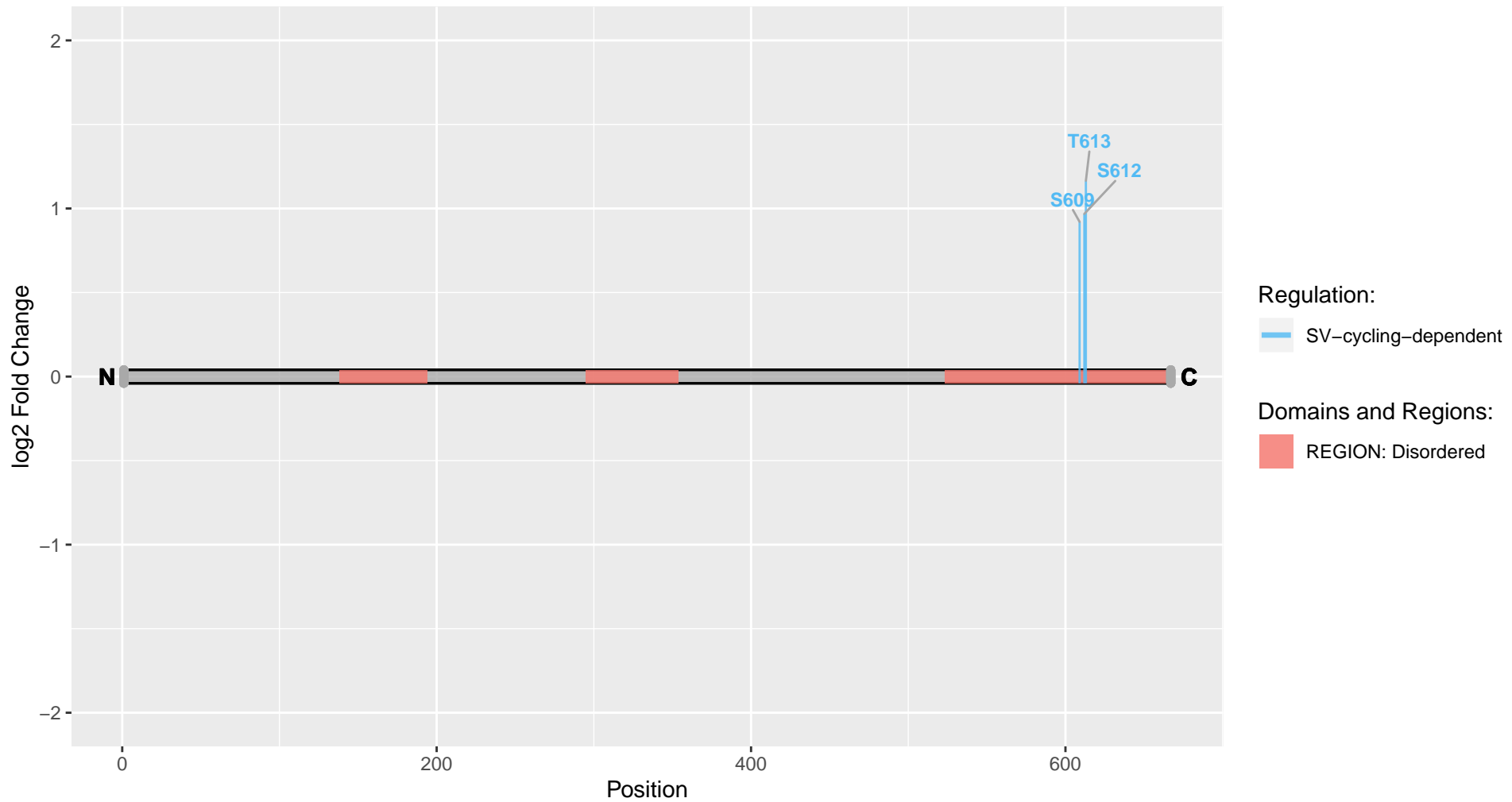
Phospholipid phosphatase-related protein type 4



Pnma8b

Uniprot Accession: D3ZQN3

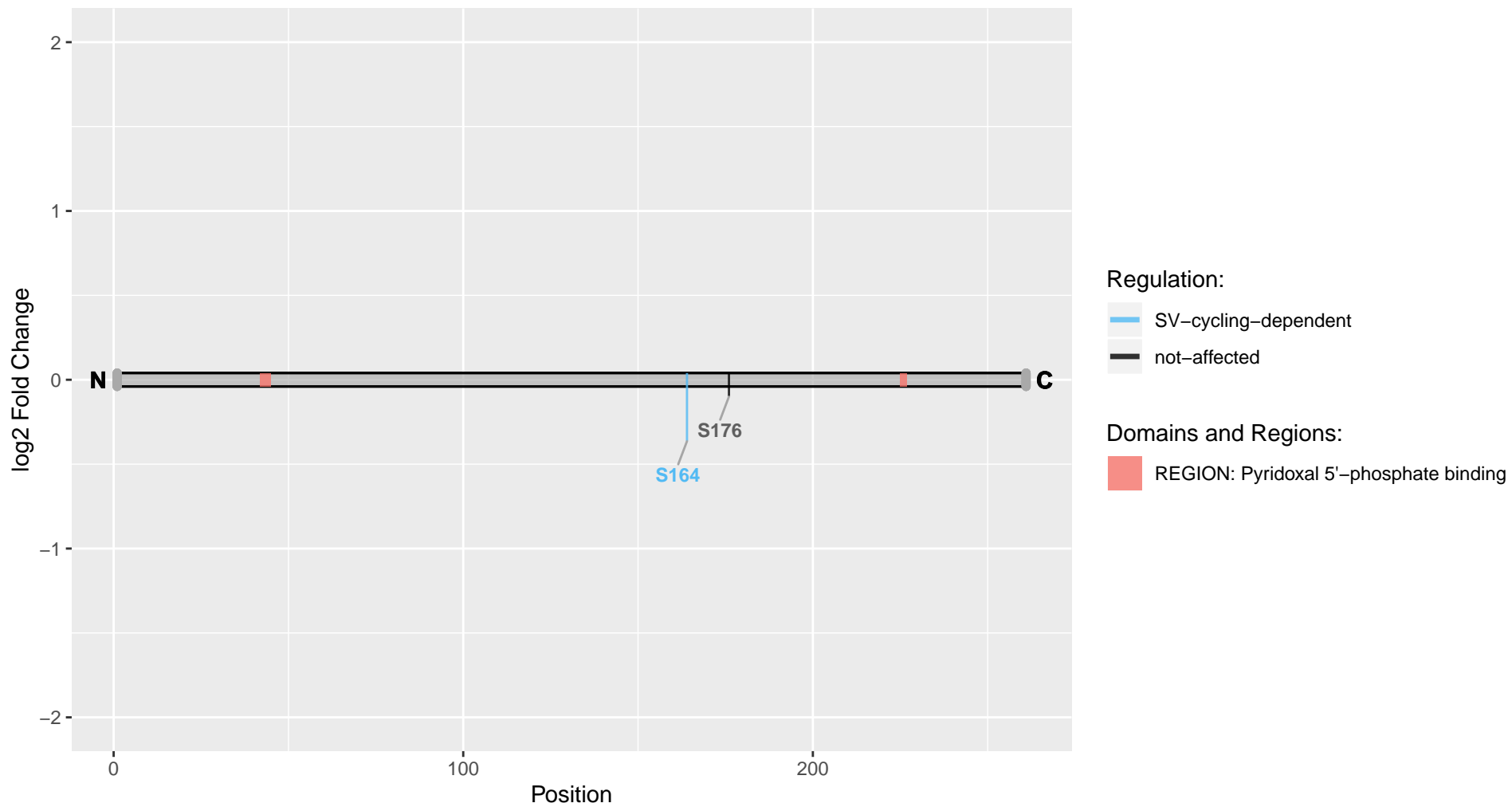
PNMA family member 8B



Pnpo

Uniprot Accession: O88794

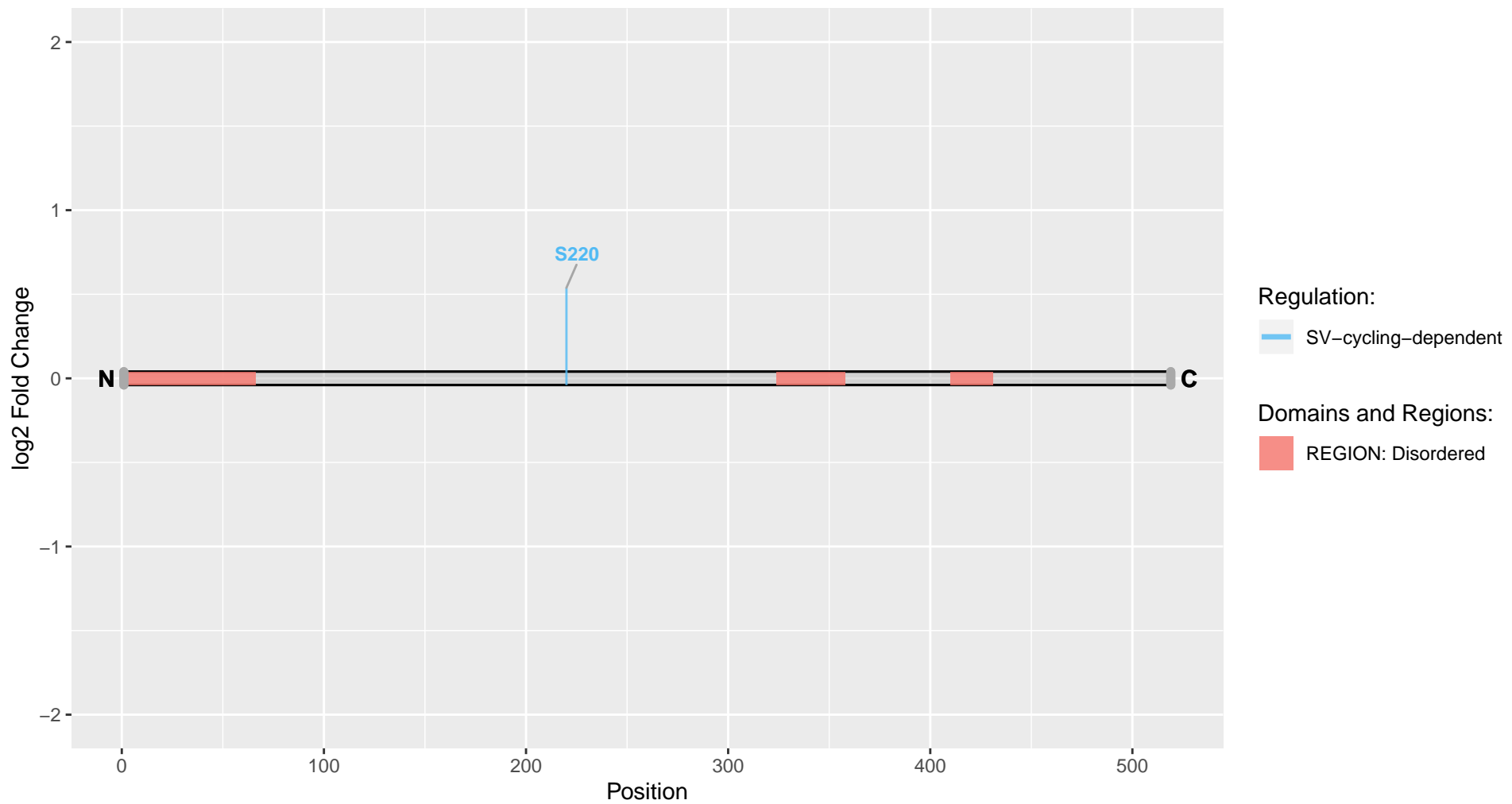
Pyridoxine-5'-phosphate oxidase



Pom12112

Uniprot Accession: D3ZGH9

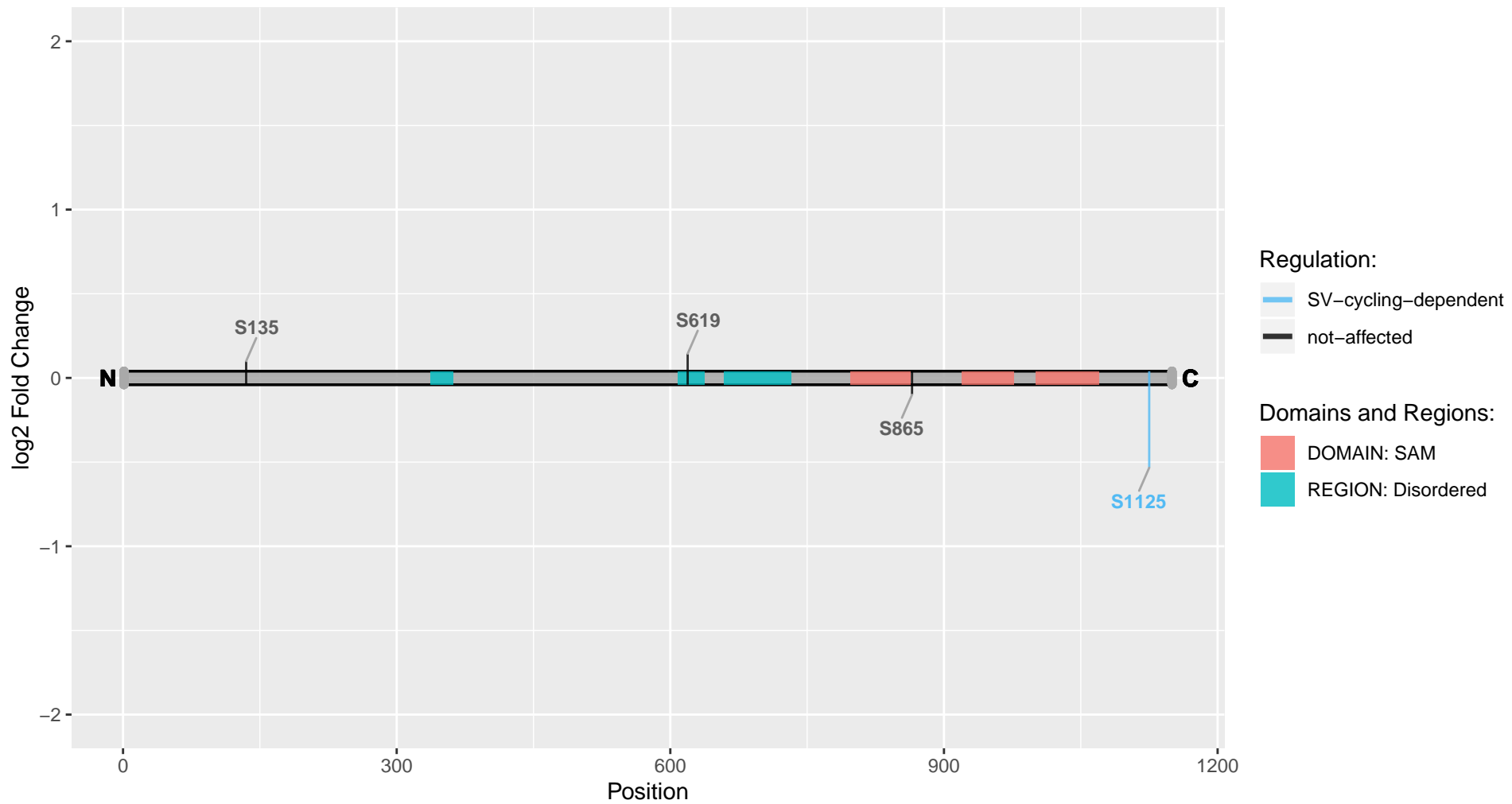
POM121 transmembrane nucleoporin-like 2



Ppfia2

Uniprot Accession: F1M8A4

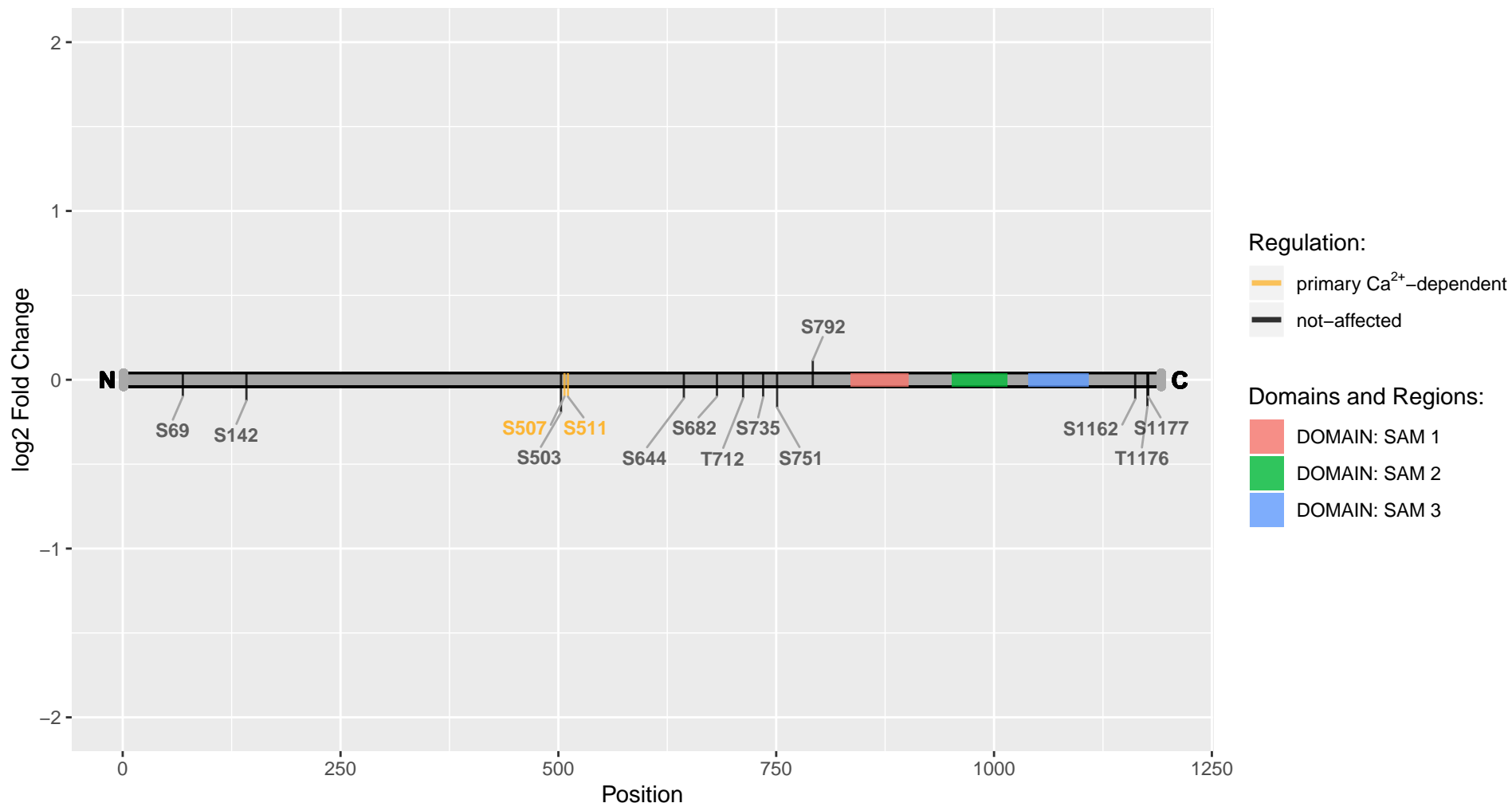
PTPRF-interacting protein alpha 2



Ppfia3

Uniprot Accession: Q91Z79

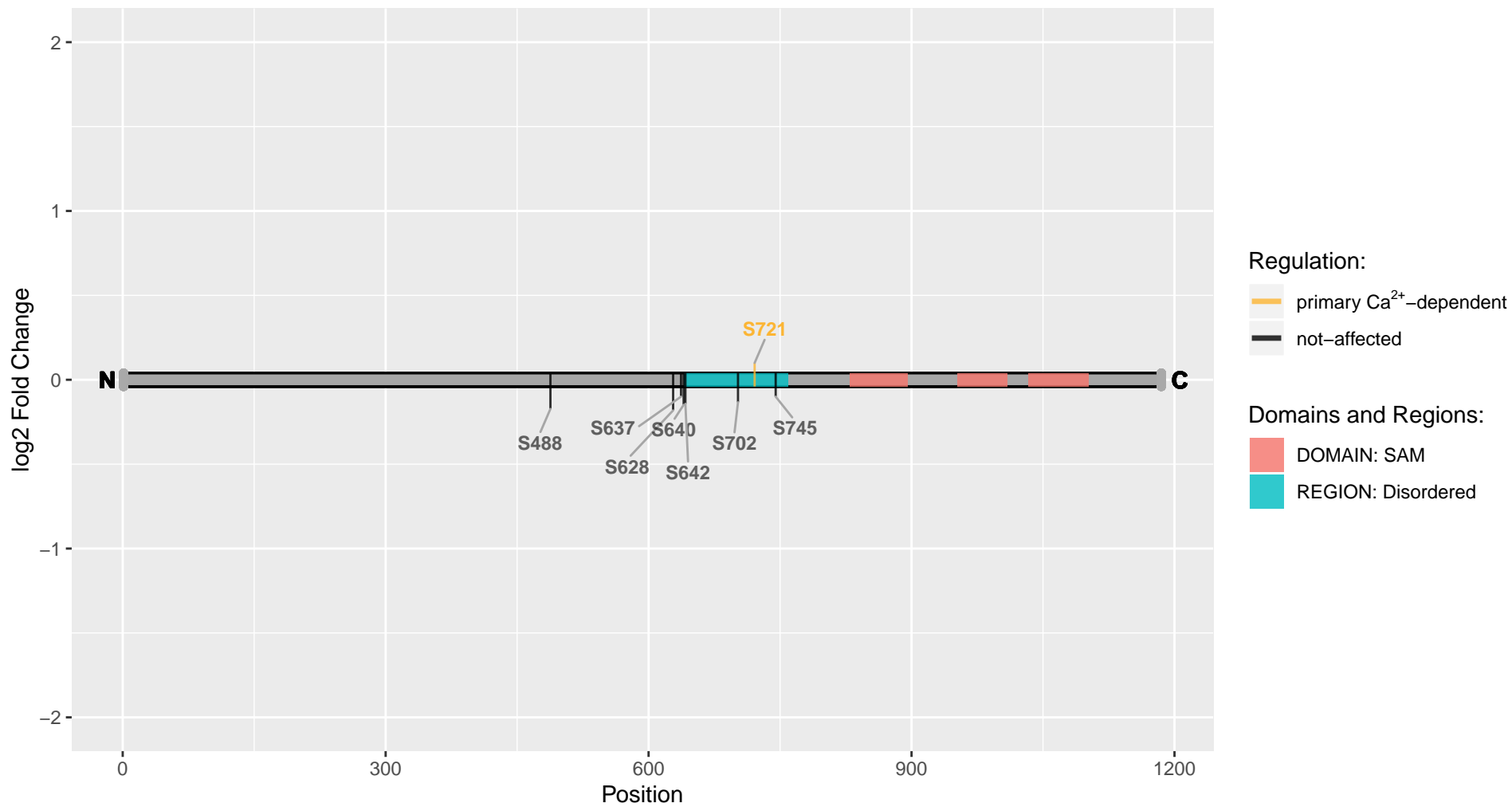
Liprin- α -3



Ppfia4

Uniprot Accession: F1M863

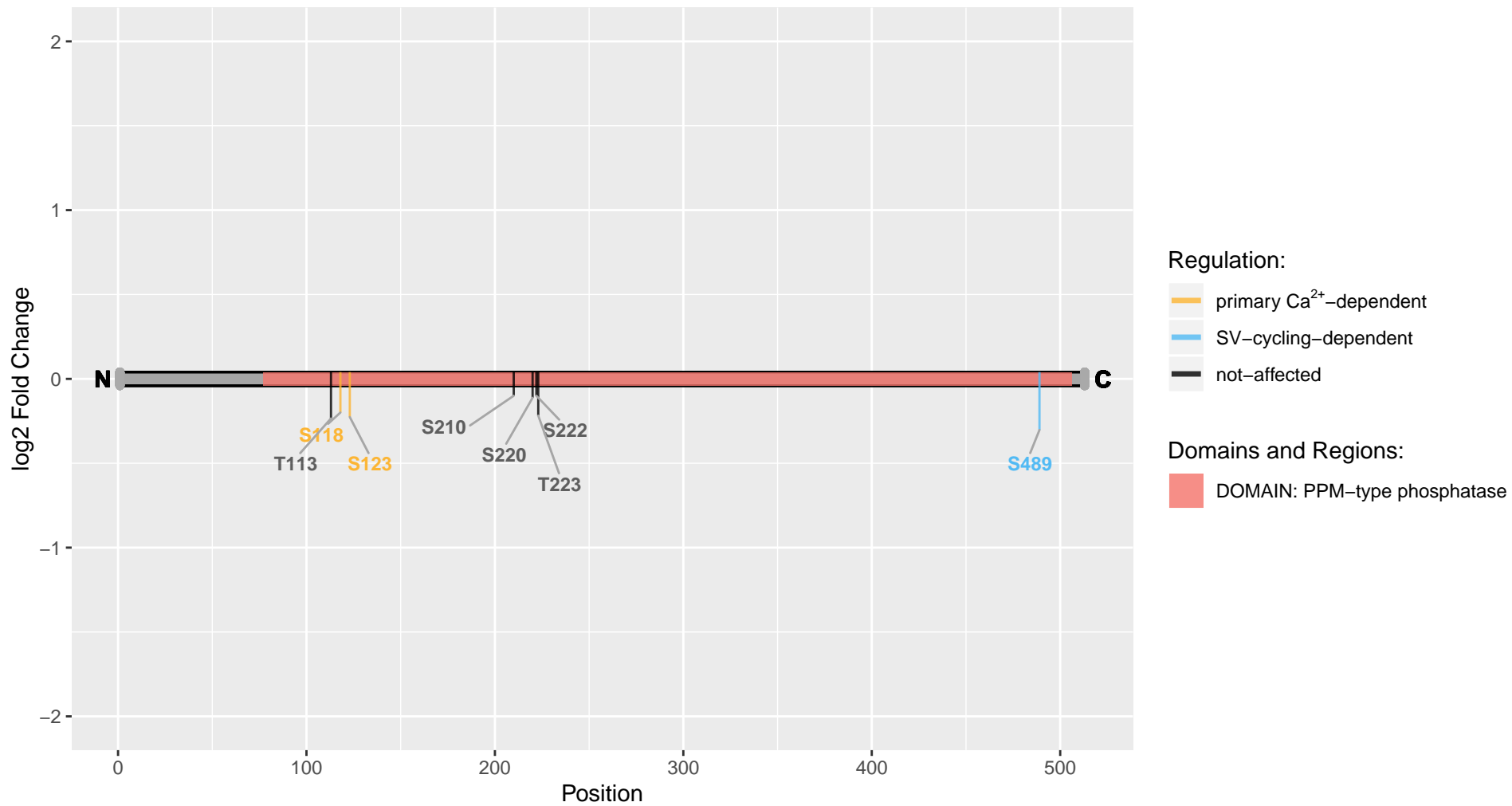
Liprin- α -4



Ppm1h

Uniprot Accession: Q5M821

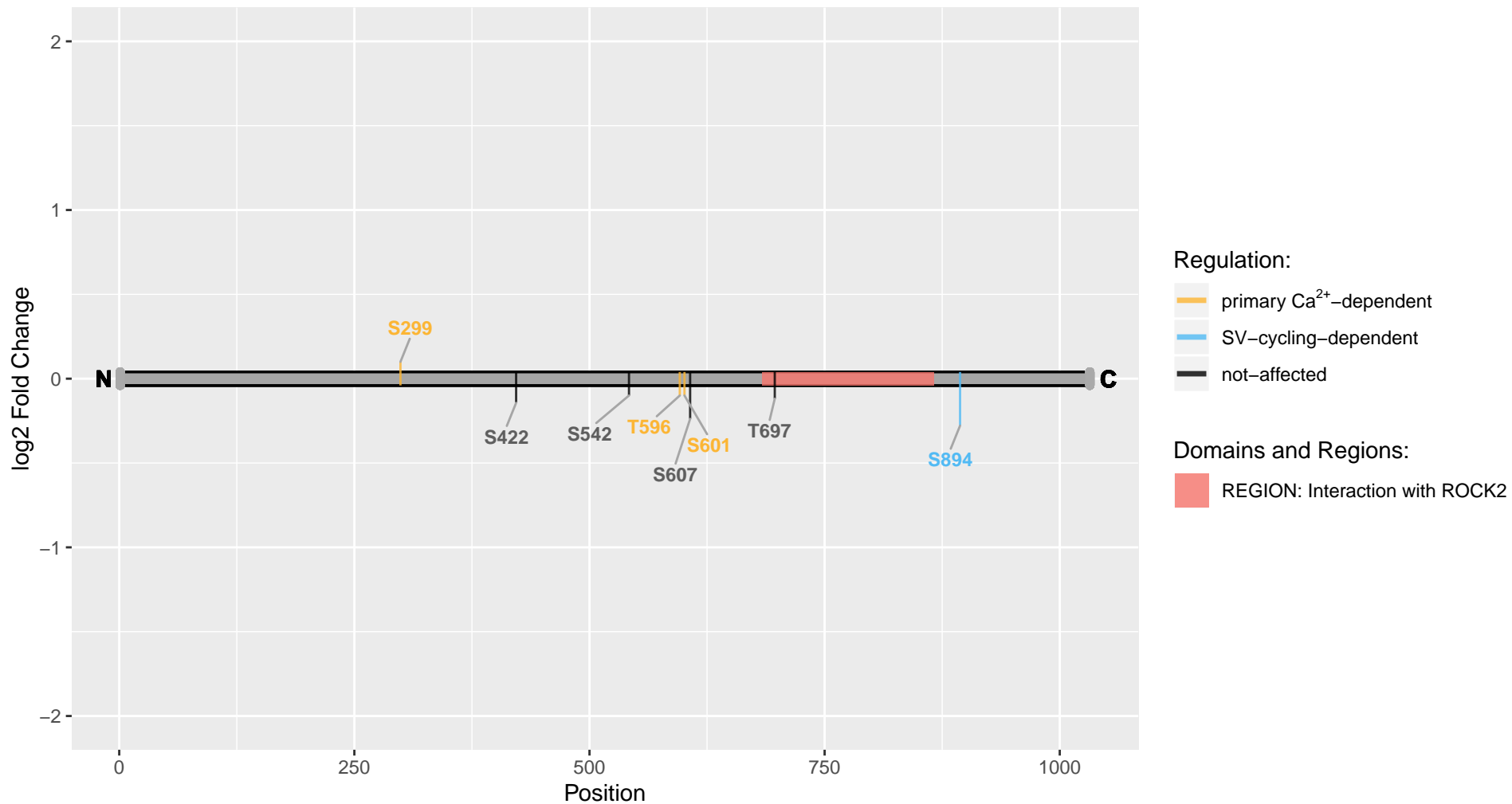
Protein phosphatase 1H



Ppp1r12a

Uniprot Accession: Q10728

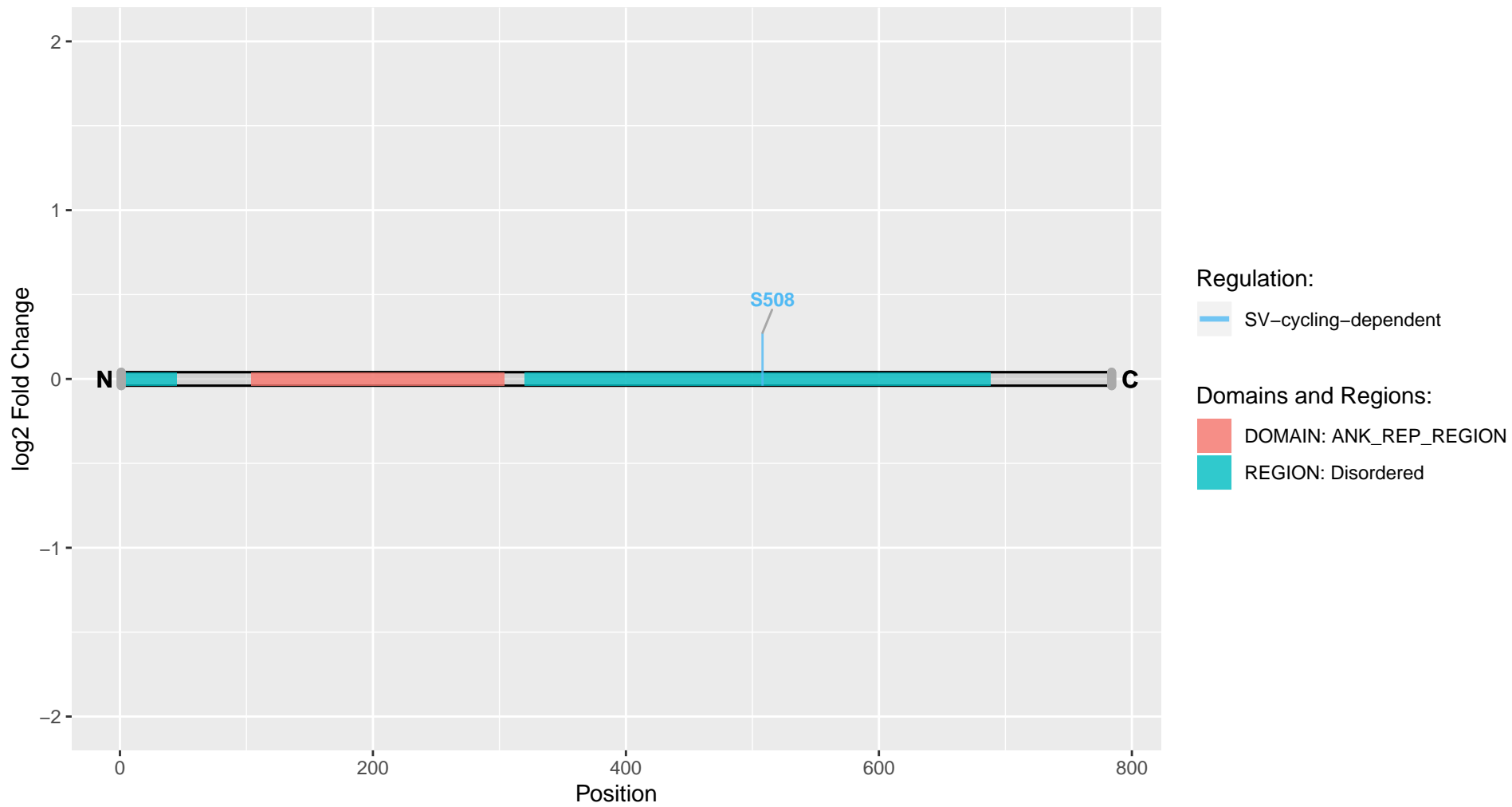
Protein phosphatase 1 regulatory subunit 12A



Ppp1r12c

Uniprot Accession: A0A0G2K4R1

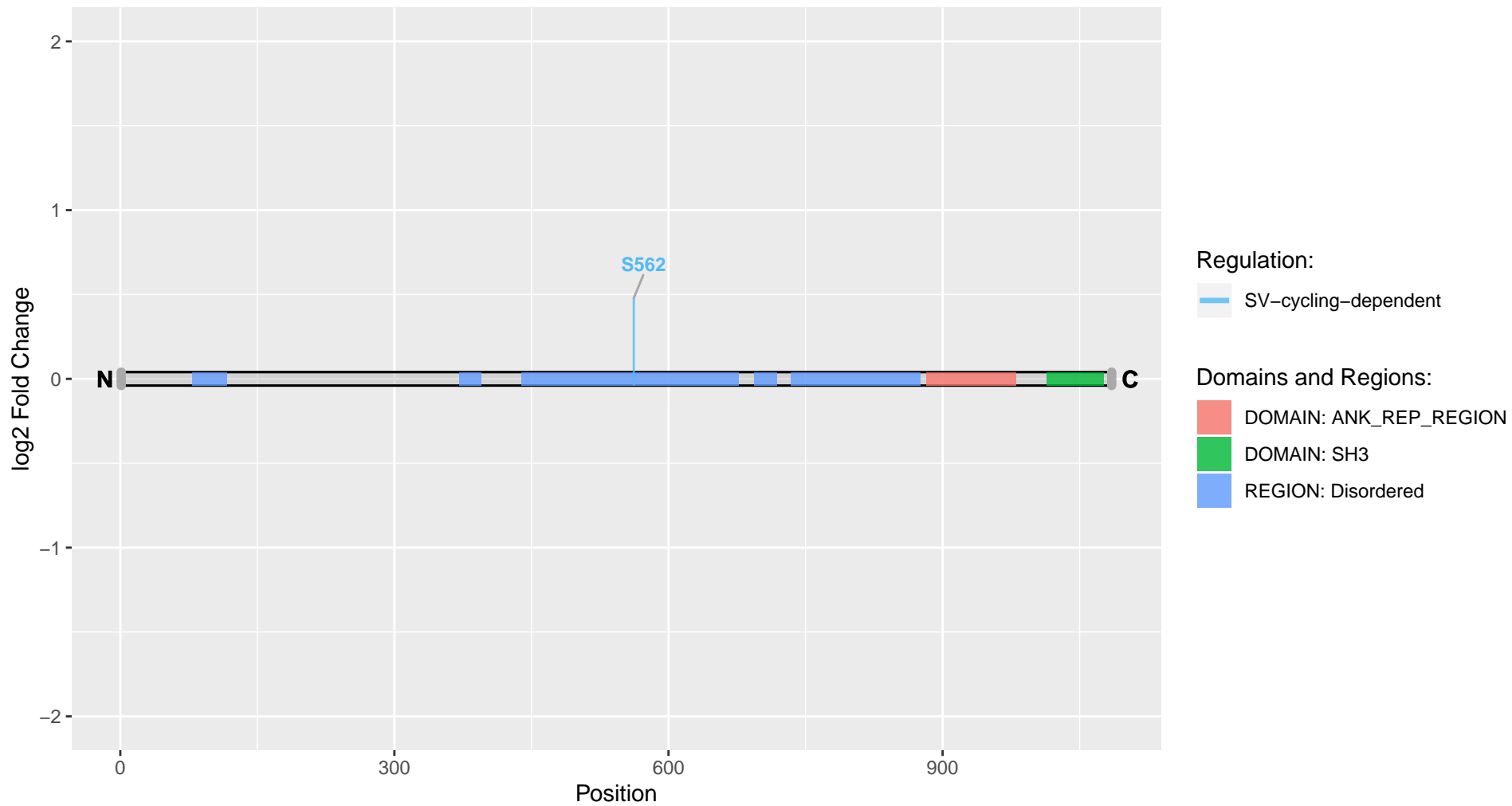
Protein phosphatase 1, regulatory subunit 12C



Ppp1r13b

Uniprot Accession: A0A0G2KB61

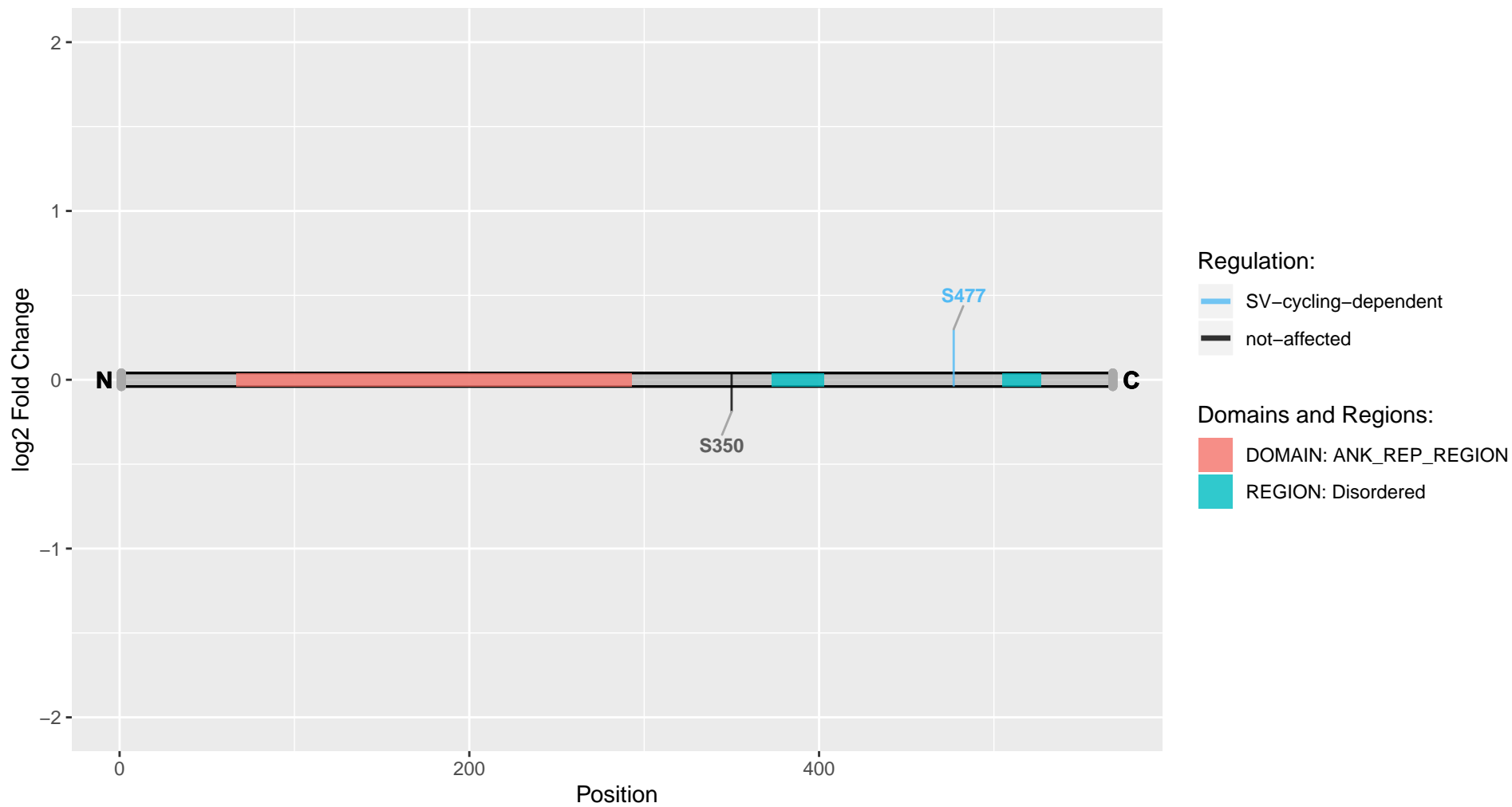
Protein phosphatase 1, regulatory subunit 13B



Ppp1r16b

Uniprot Accession: D4AA72

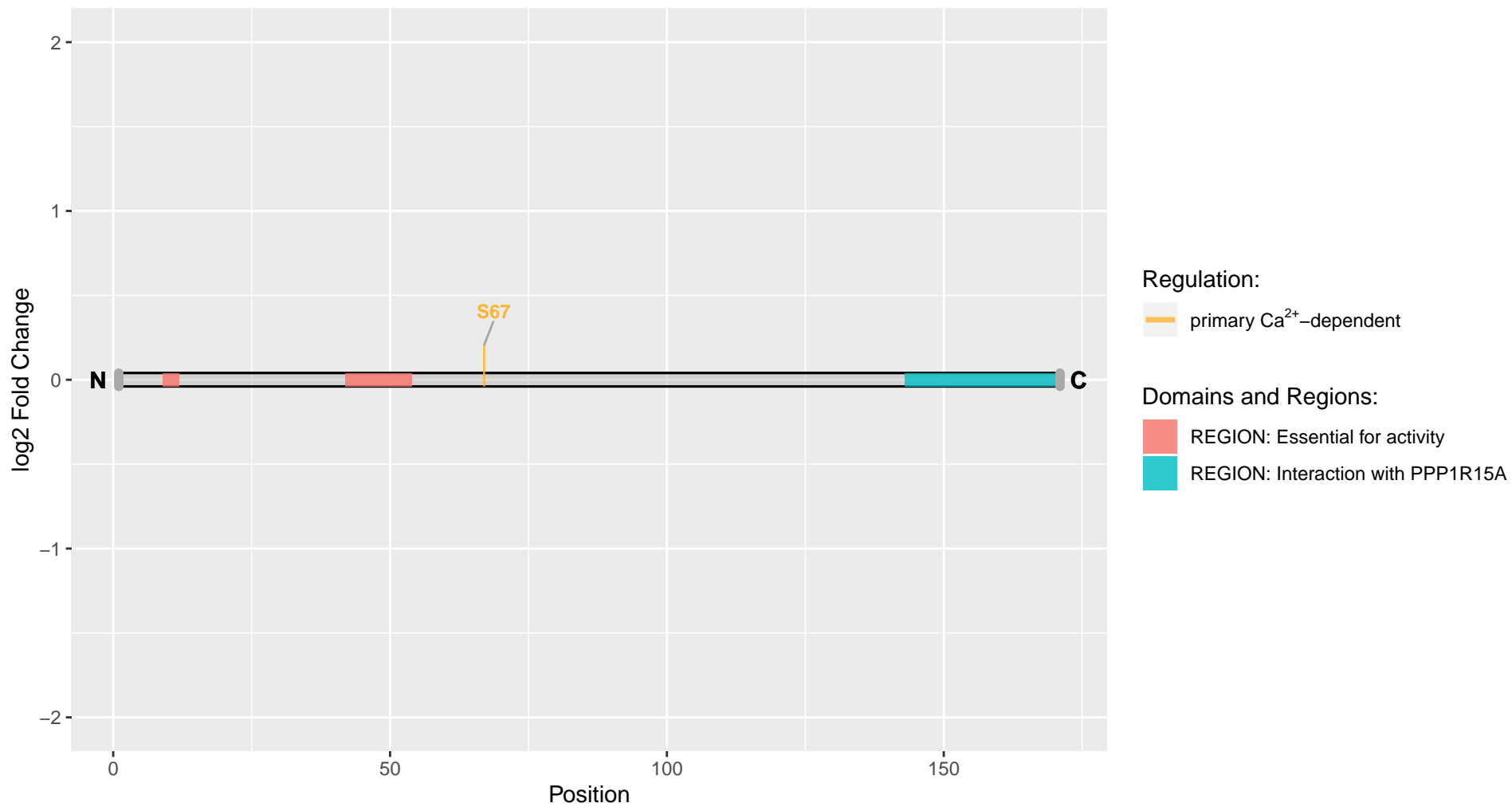
Protein phosphatase 1, regulatory subunit 16B



Ppp1r1a

Uniprot Accession: P19103

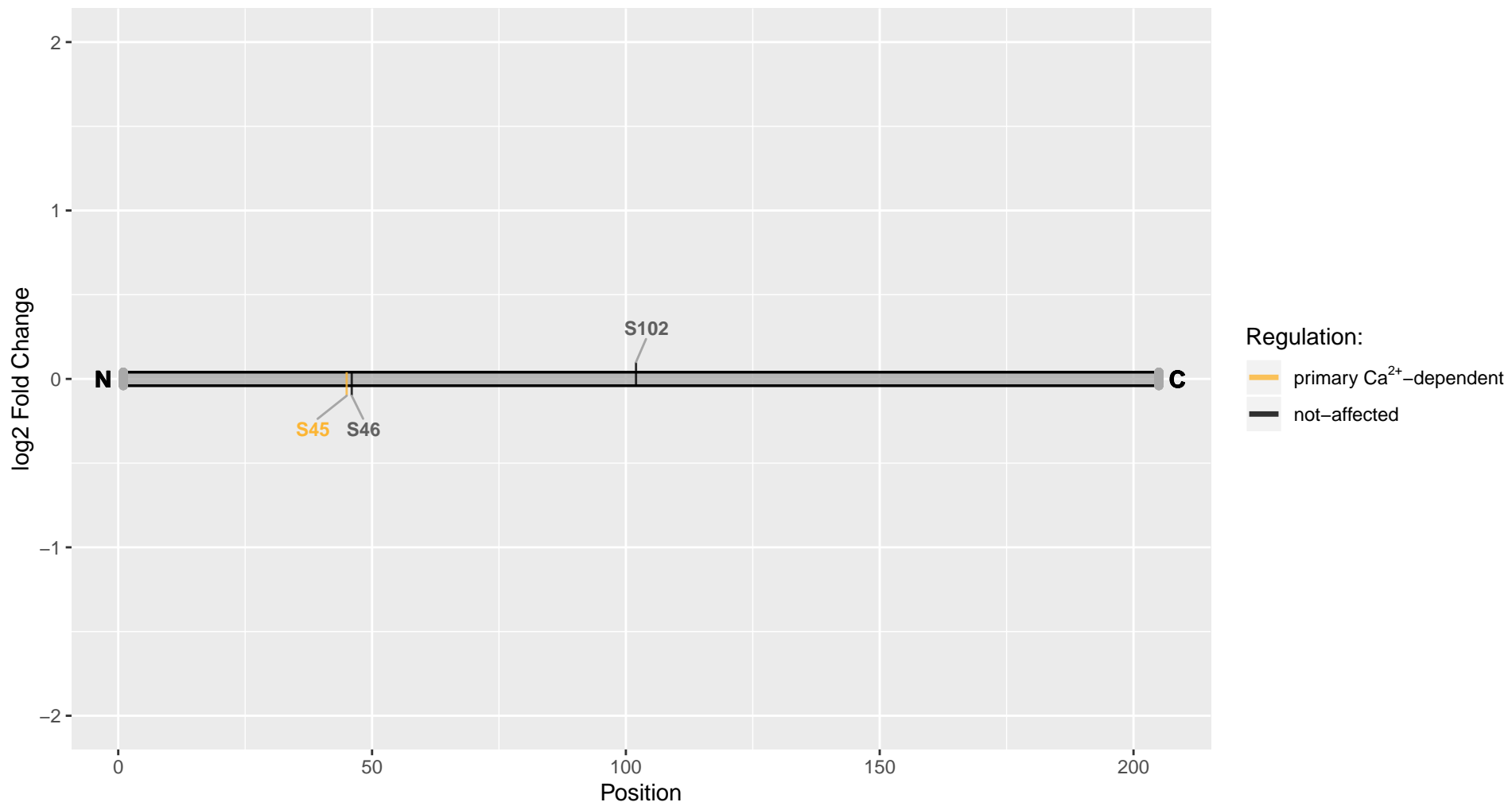
Protein phosphatase 1 regulatory subunit 1A



Ppp1r1b

Uniprot Accession: Q6J4I0

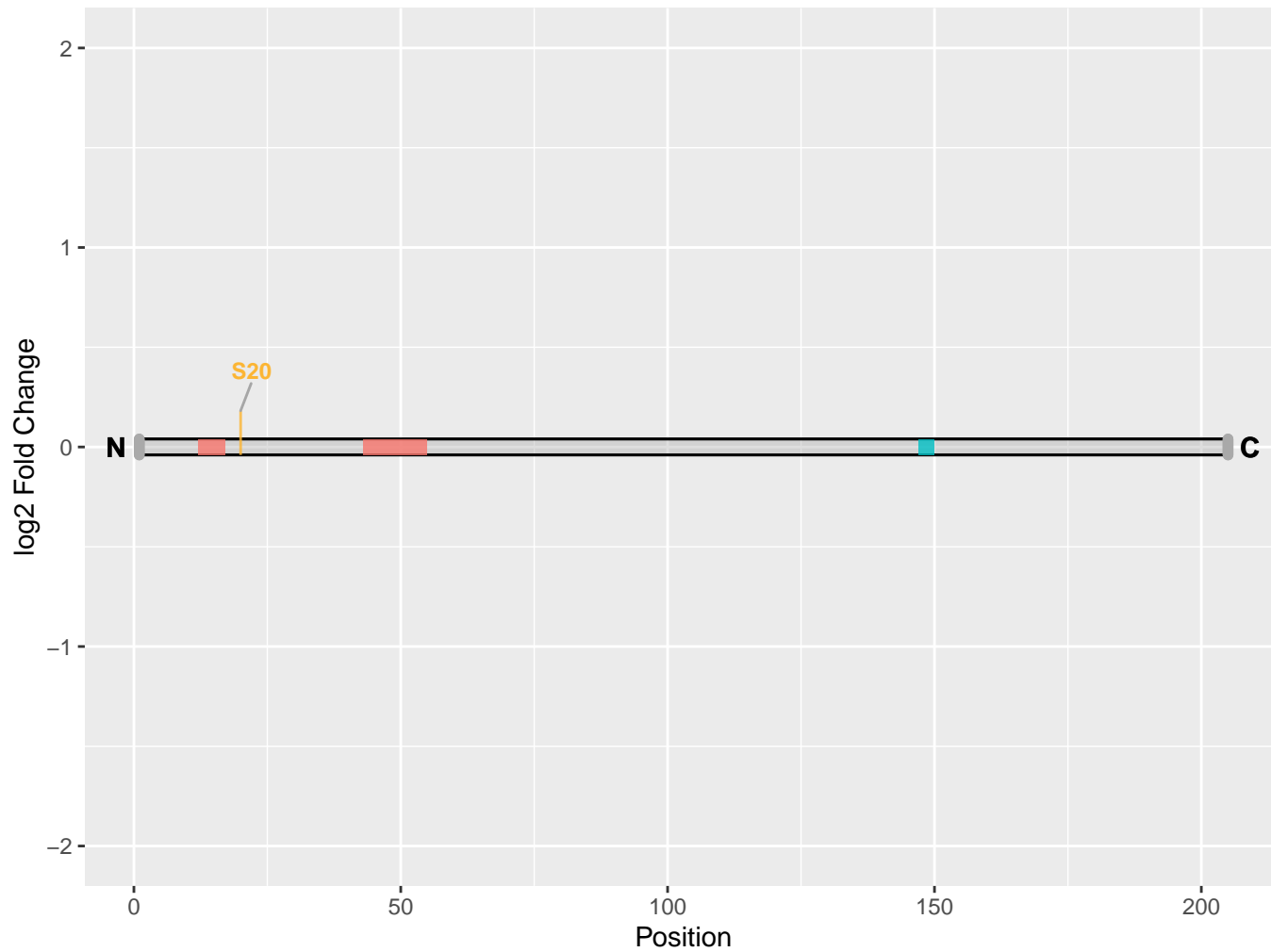
Protein phosphatase 1 regulatory subunit 1B



Ppp1r2

Uniprot Accession: P50411

Protein phosphatase inhibitor 2



Regulation:

primary Ca²⁺-dependent

Domains and Regions:

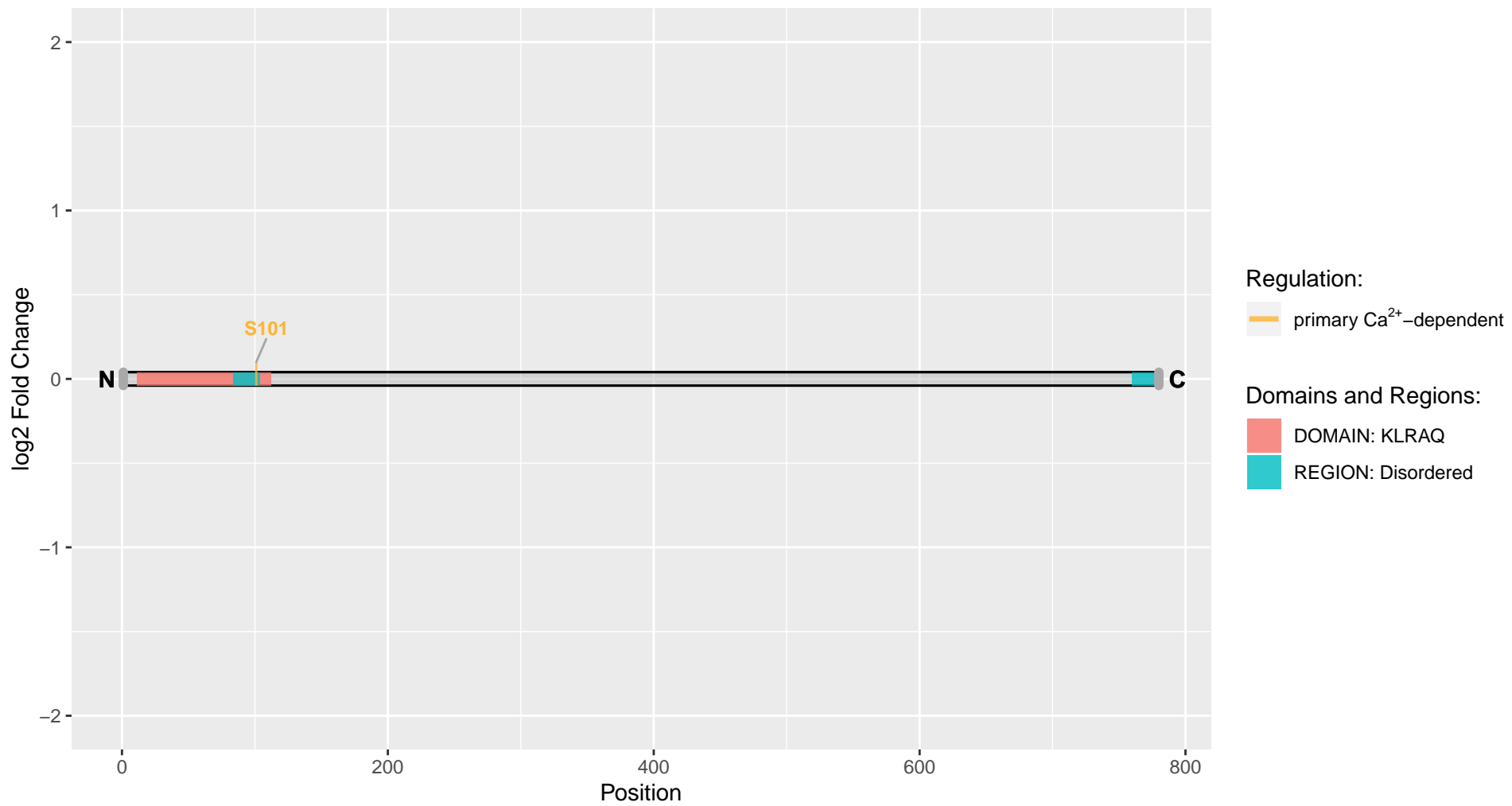
REGION: Required for binding PPP1CC

REGION: Required for binding PPP1CC catalytic center, displacing metal ions and inhibition of PPP1CC catalytic activity

Ppp1r21

Uniprot Accession: F1LYZ8

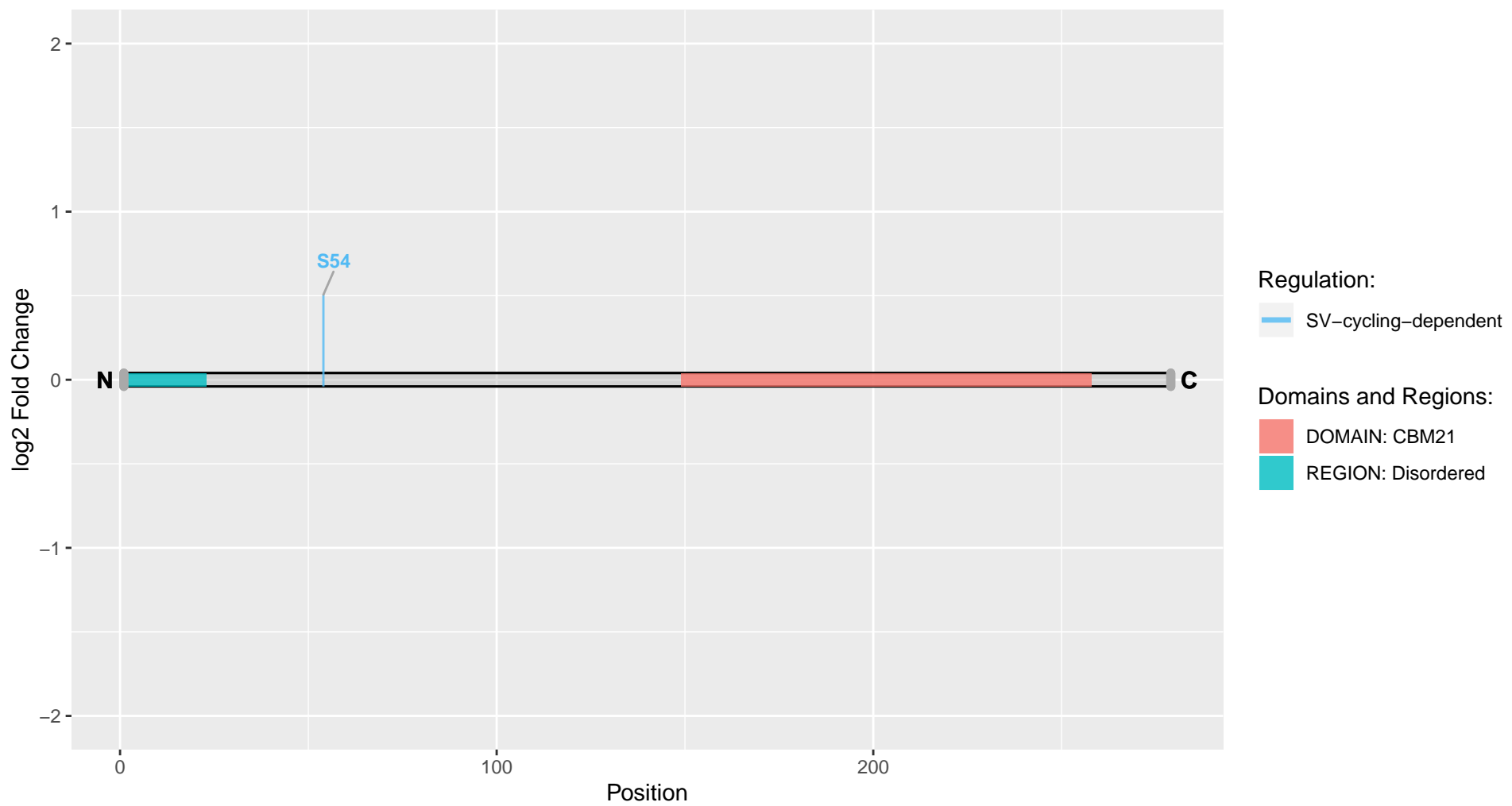
Protein phosphatase 1, regulatory subunit 21



Ppp1r3d

Uniprot Accession: D3ZZ26

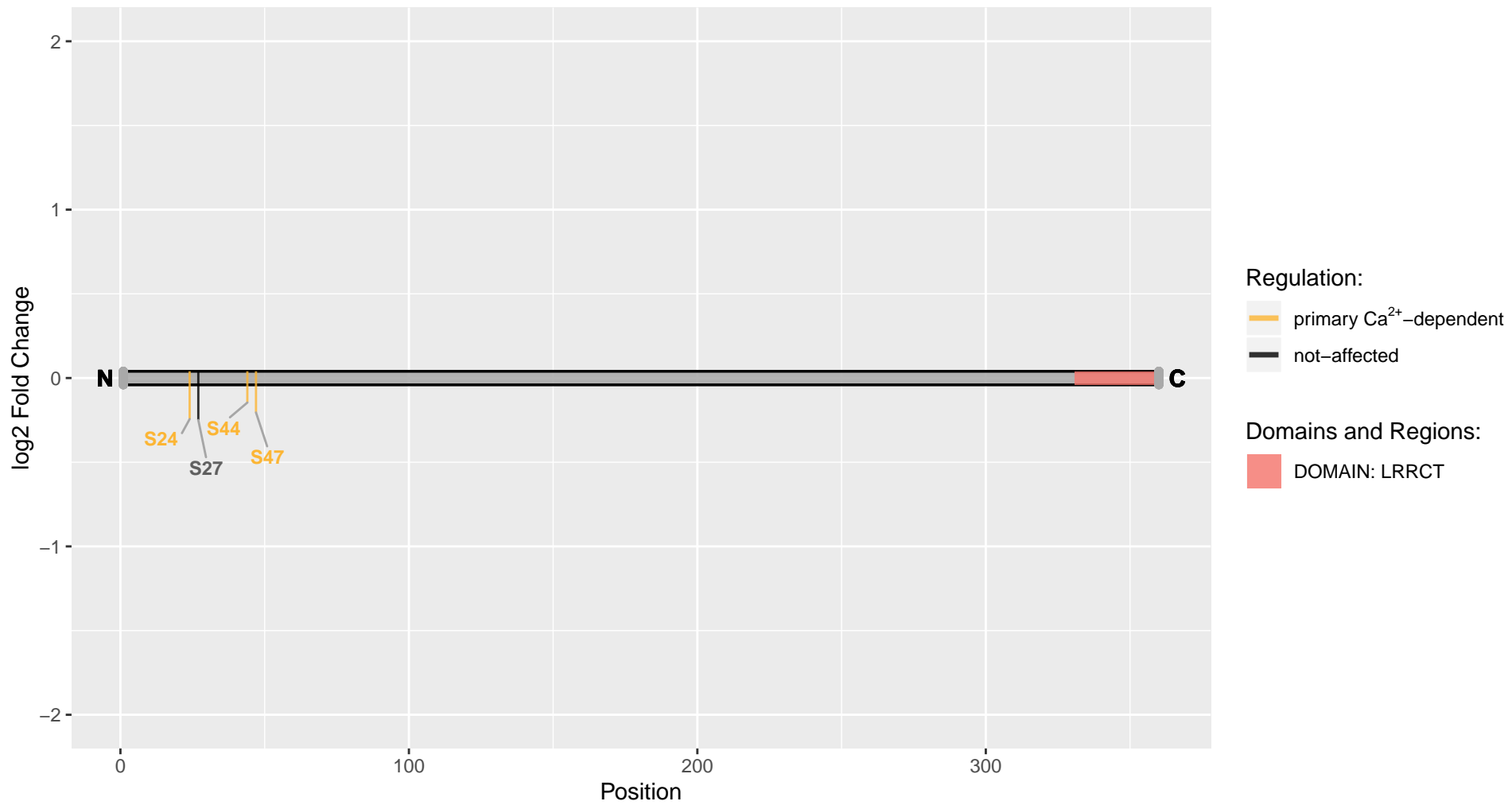
Protein phosphatase 1 regulatory subunit



Ppp1r7

Uniprot Accession: Q5HZV9

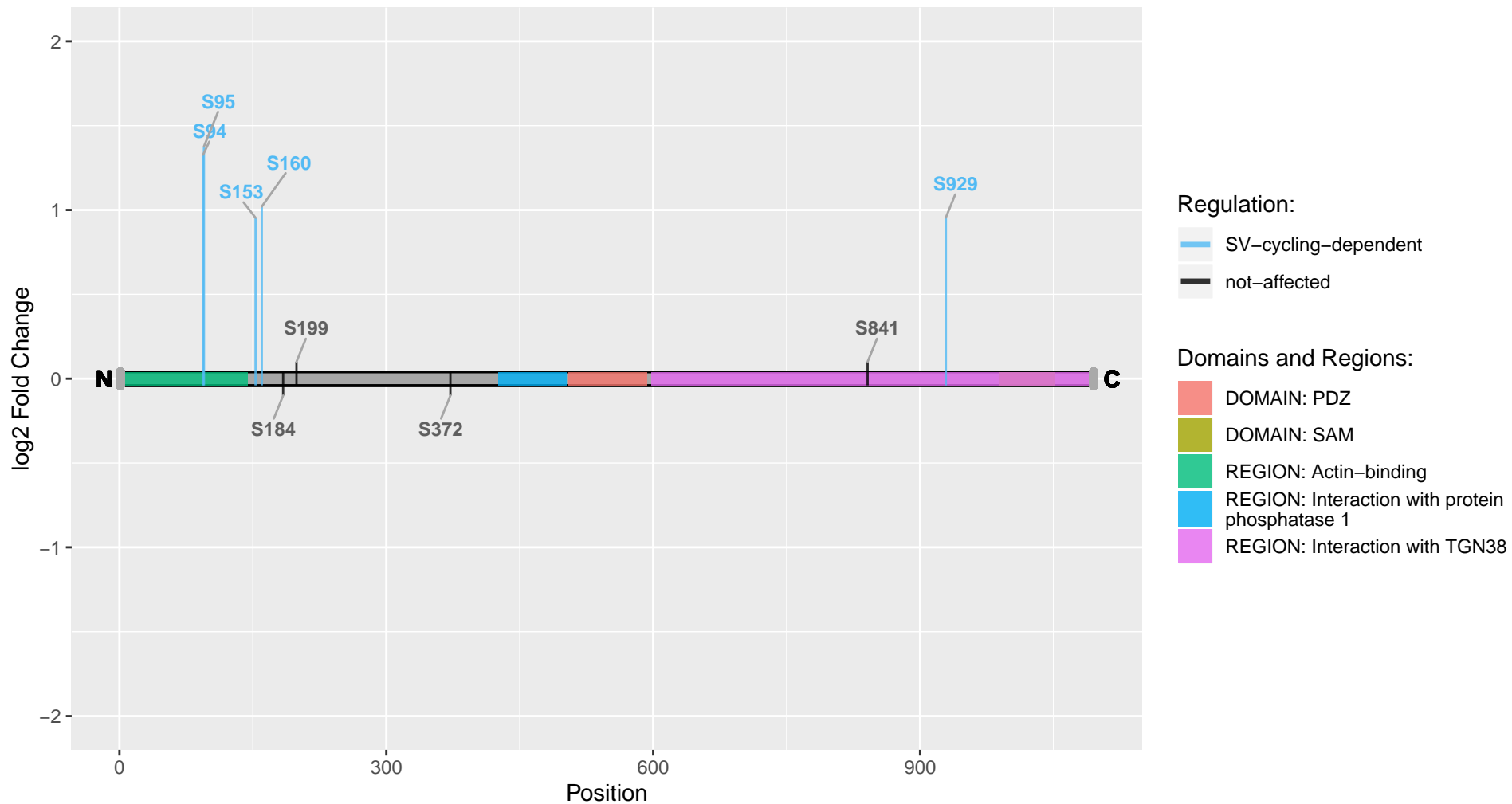
Protein phosphatase 1 regulatory subunit 7



Ppp1r9a

Uniprot Accession: O35867

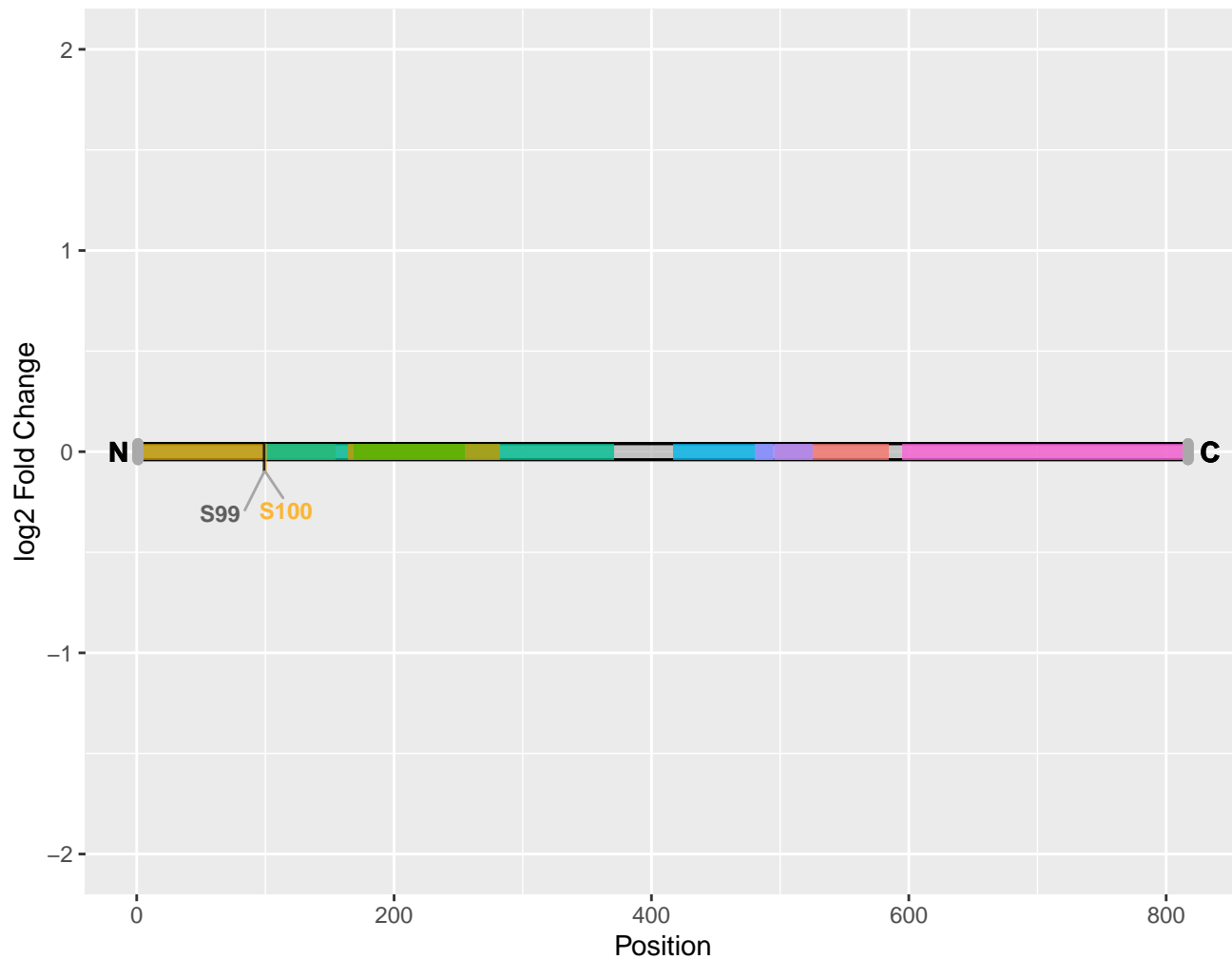
Neurabin-1



Ppp1r9b

Uniprot Accession: O35274

Neurabin-2



Regulation:

- primary Ca²⁺-dependent
- not-affected

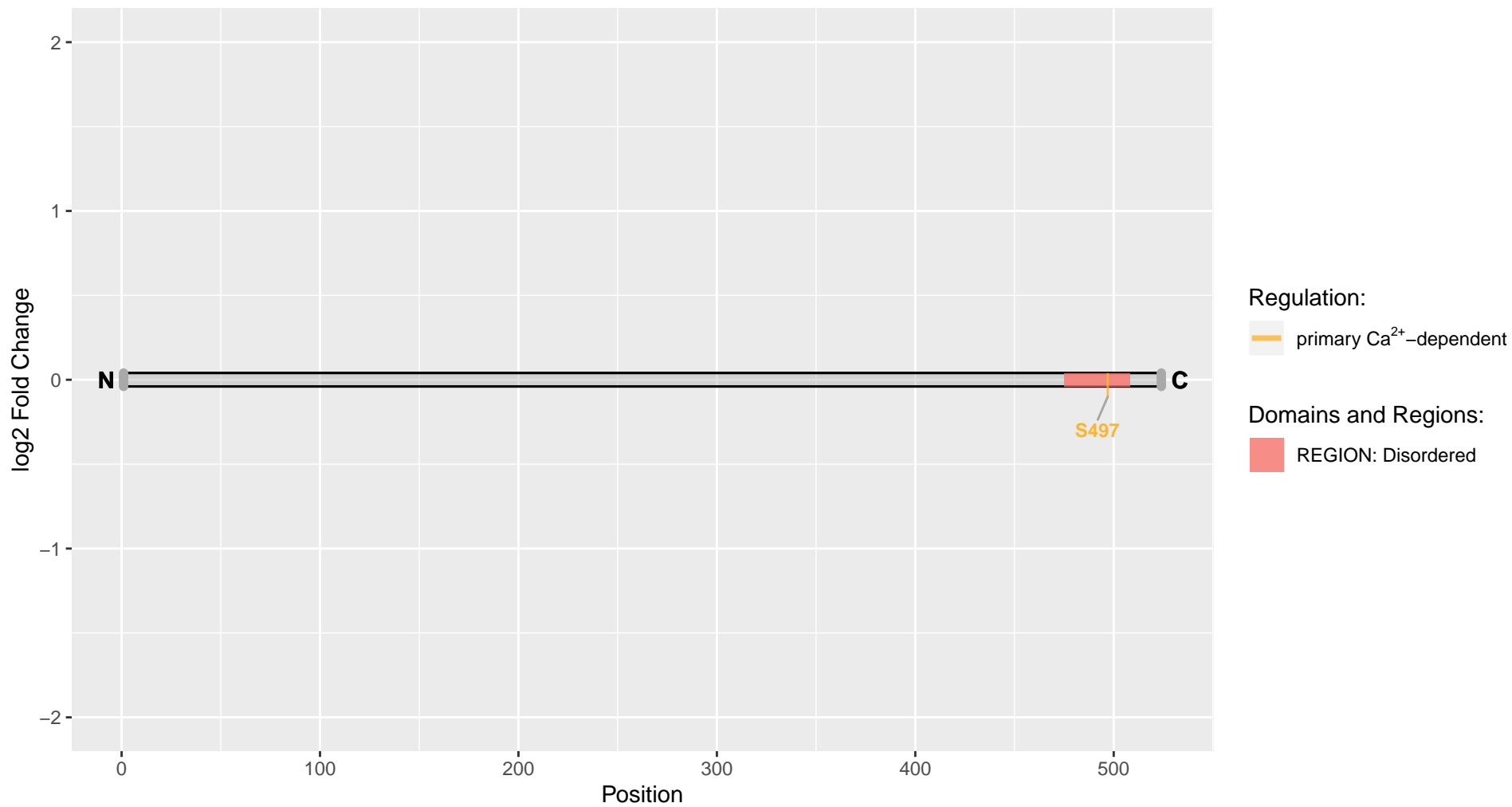
Domains and Regions:

- DOMAIN: PDZ
- REGION: Actin-binding
- REGION: Interaction with ADRA2A, ADRA2B and ADRA2C
- REGION: Interaction with D(2) dopamine receptor
- REGION: Interaction with protein phosphatase 1
- REGION: Interaction with RGS2
- REGION: Interaction with TGN38

Ppp2r5c

Uniprot Accession: D4A1A5

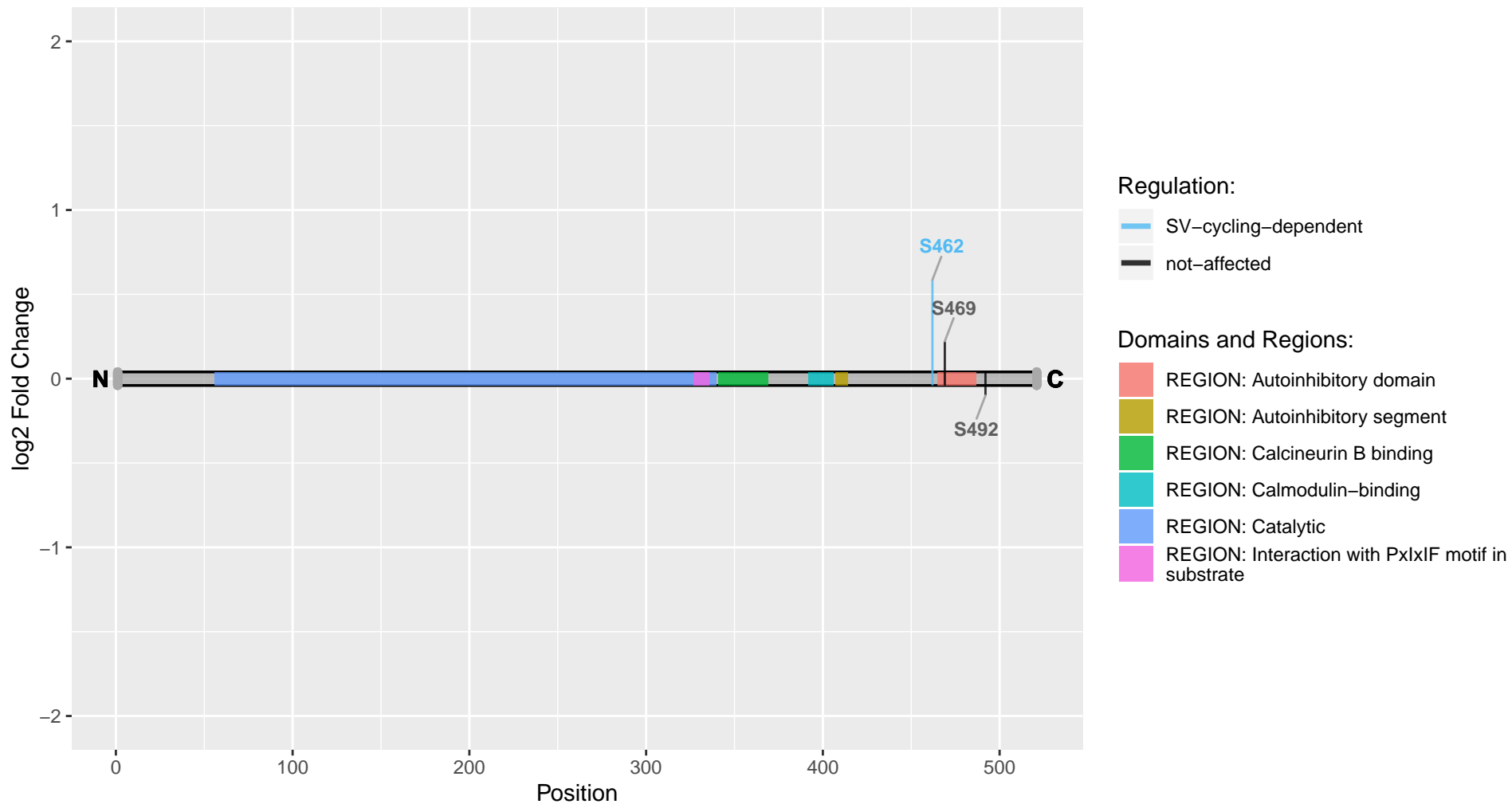
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit



Ppp3ca

Uniprot Accession: P63329

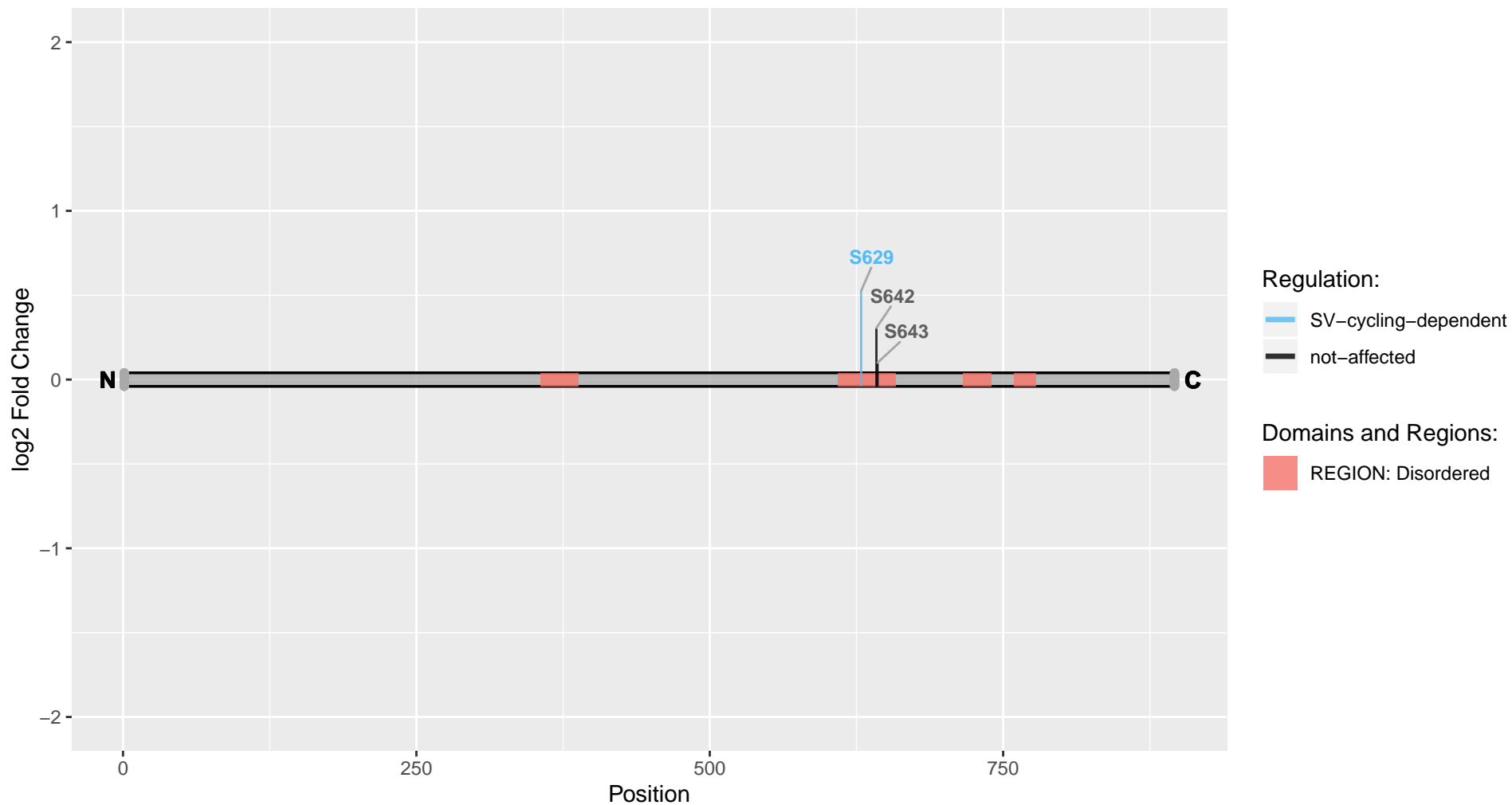
Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform



Ppp6r2

Uniprot Accession: A0A0G2JV49

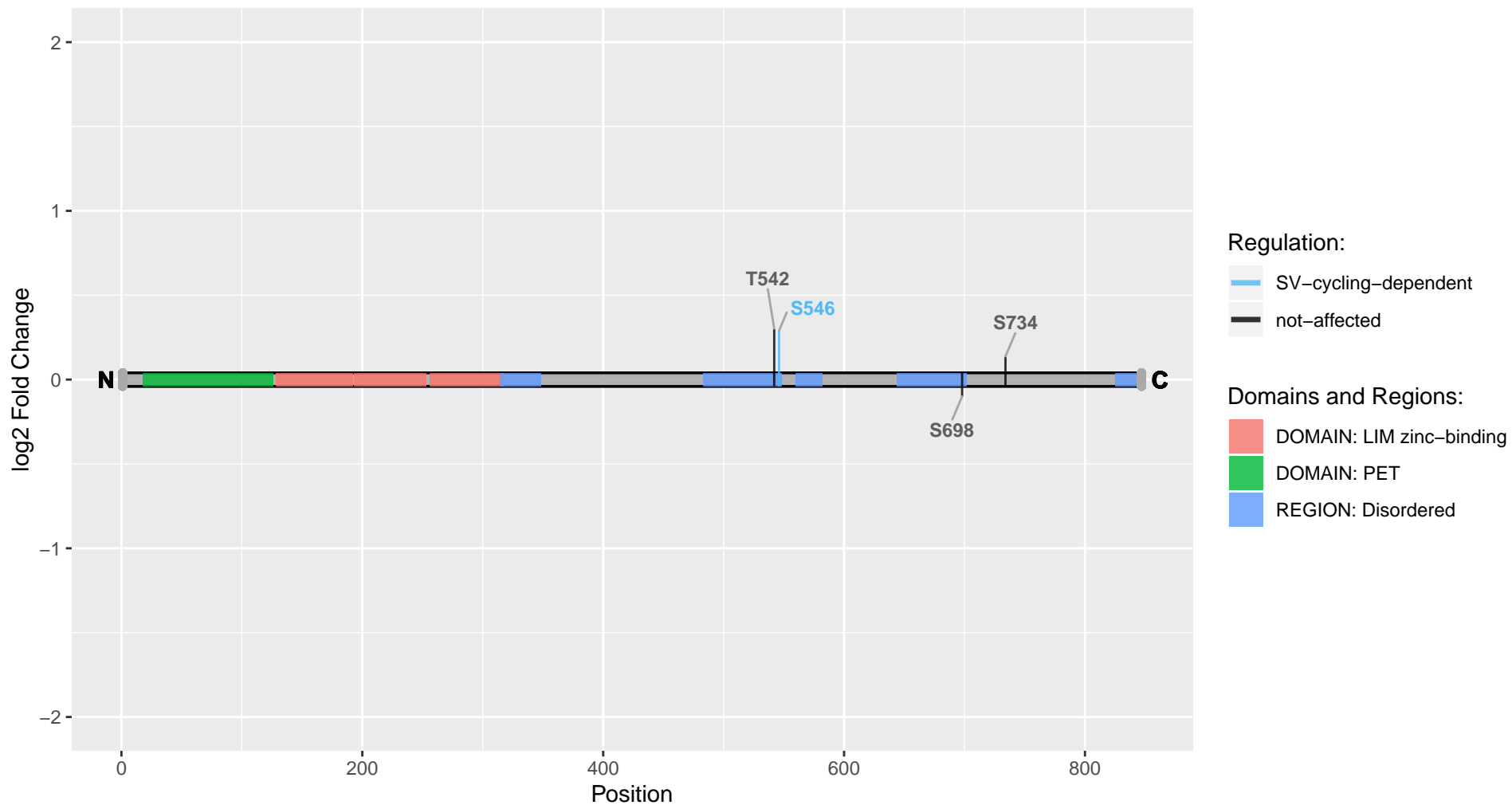
Protein phosphatase 6, regulatory subunit 2



Prickle2

Uniprot Accession: F1M0J7

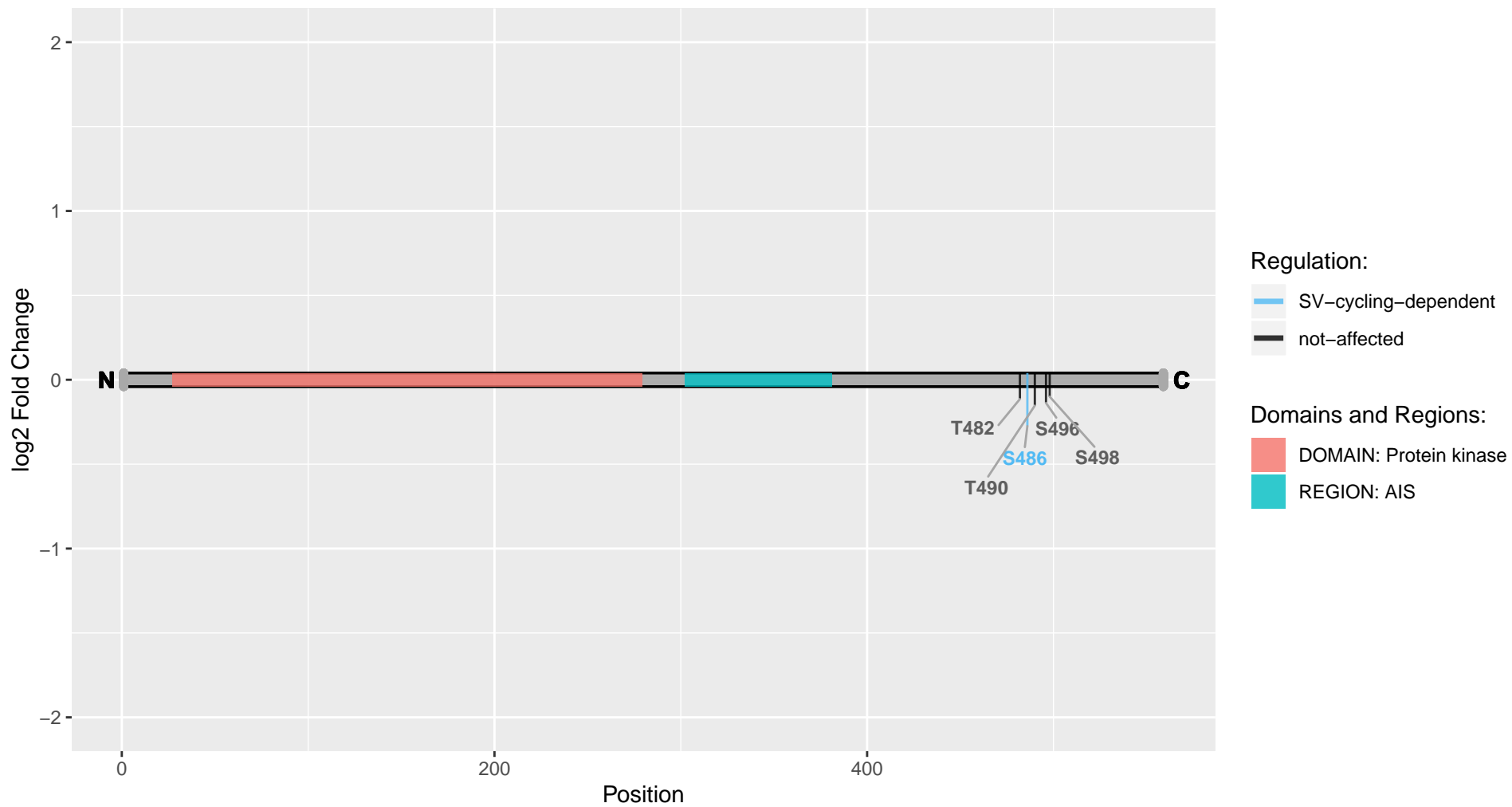
Prickle planar cell polarity protein 2



Prkaa1

Uniprot Accession: P54645

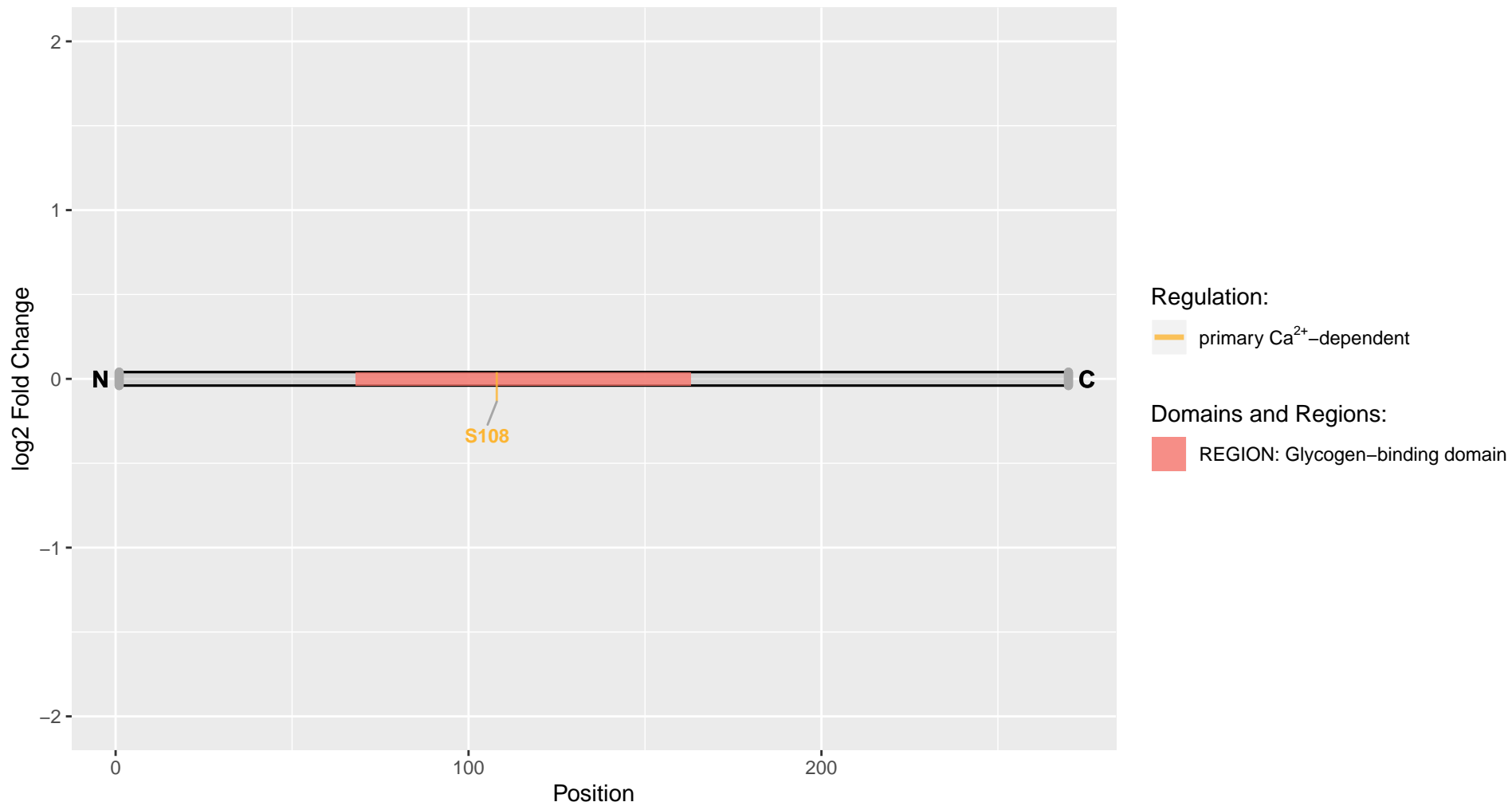
5'-AMP-activated protein kinase catalytic subunit alpha-1



Prkab1

Uniprot Accession: P80386

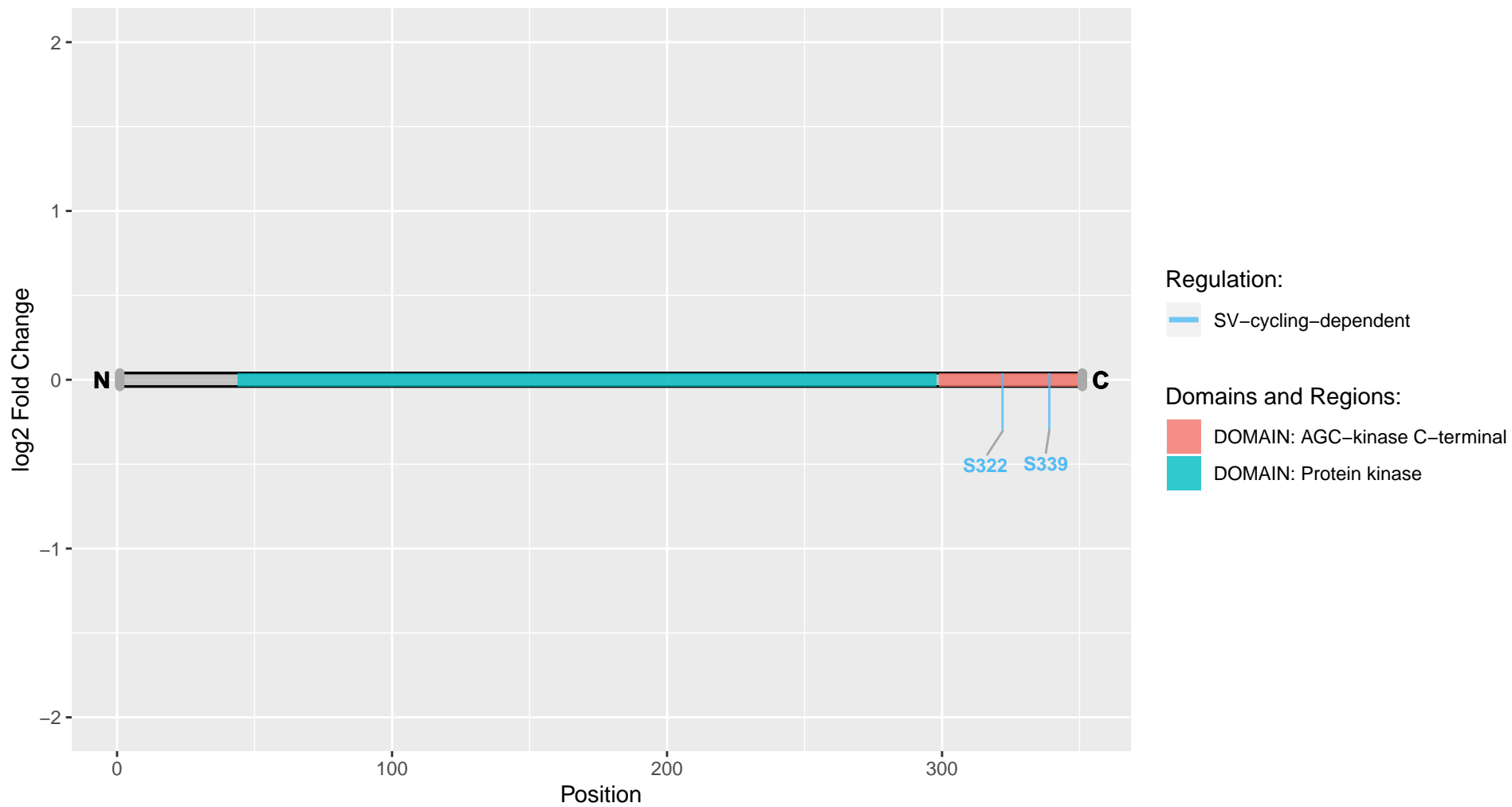
5'-AMP-activated protein kinase subunit beta-1



Prkacb

Uniprot Accession: P68182

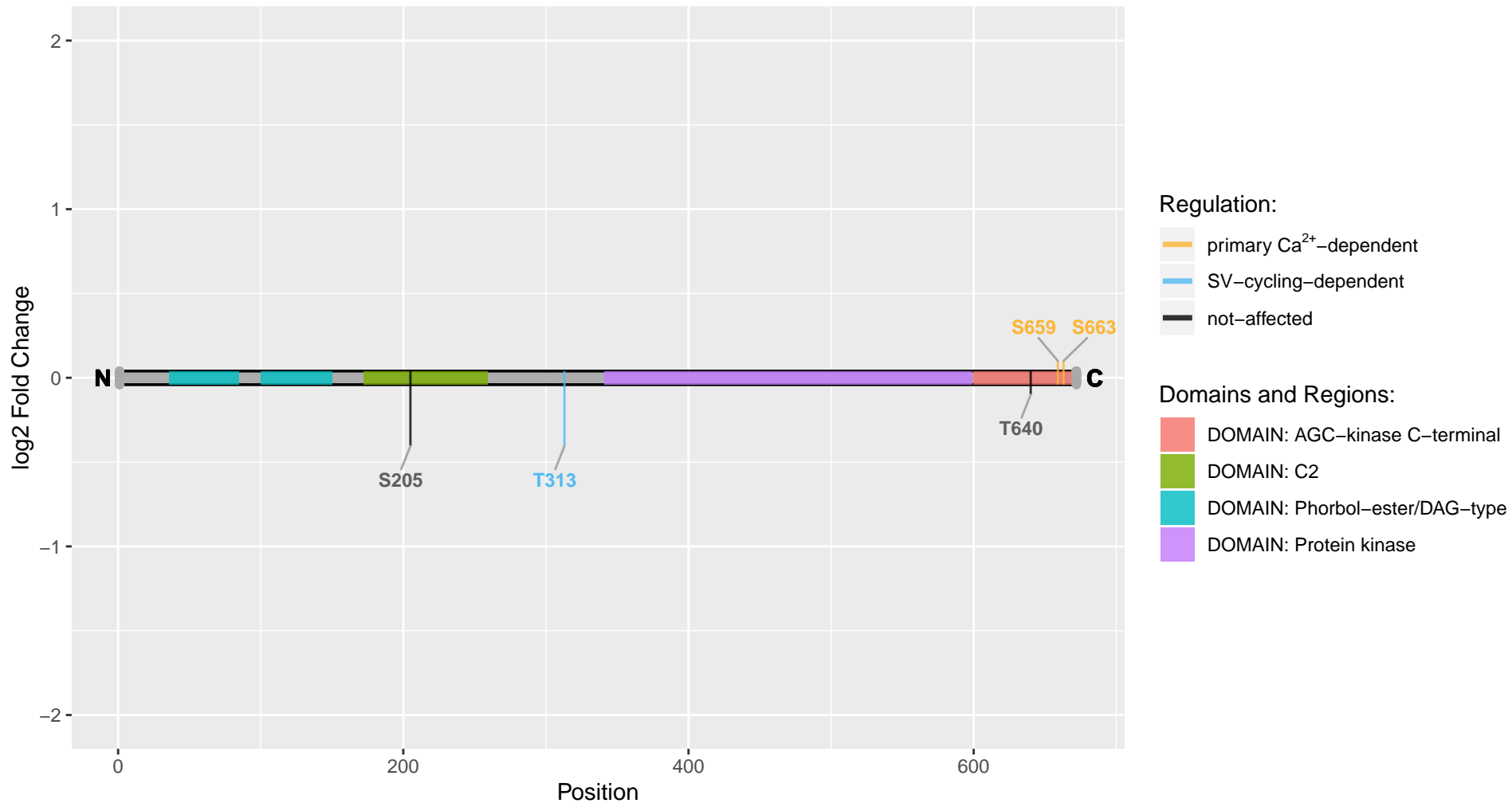
cAMP-dependent protein kinase catalytic subunit beta



Prkcb

Uniprot Accession: F1LS42

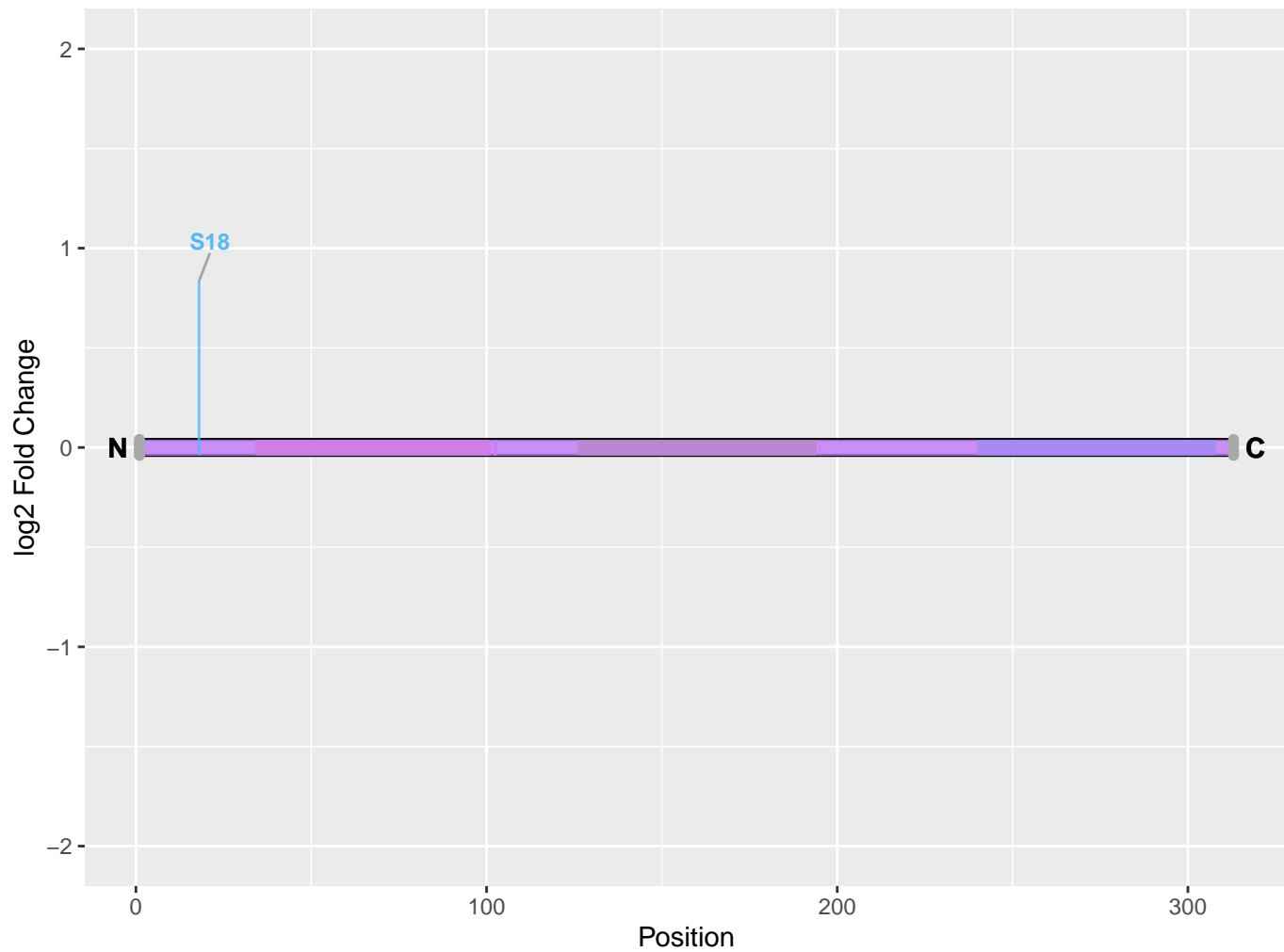
Protein kinase C



Prkra

Uniprot Accession: Q4V8C7

Interferon-inducible double-stranded RNA-dependent protein kinase activator A



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: DRBM 1

DOMAIN: DRBM 2

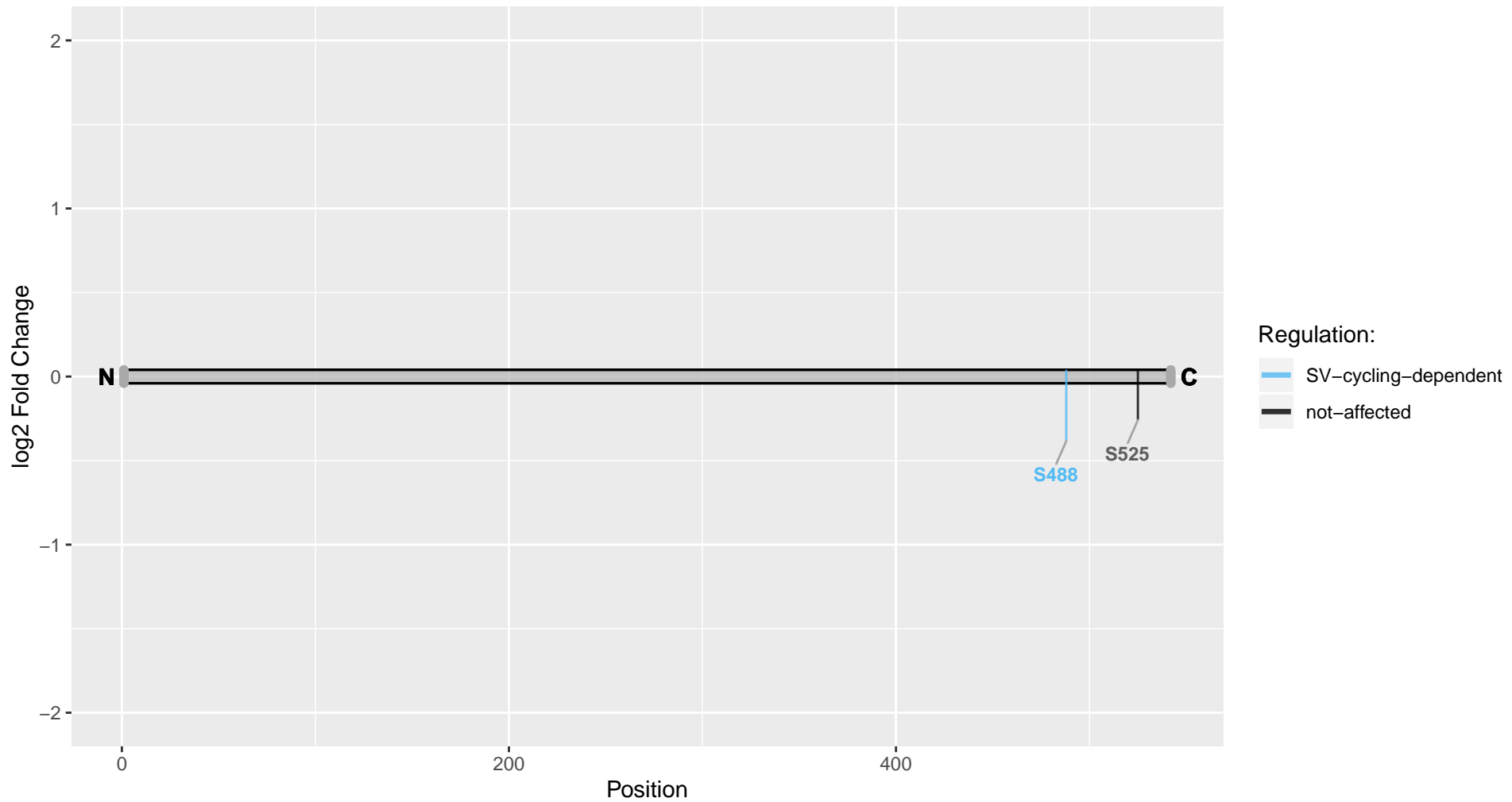
DOMAIN: DRBM 3

REGION: Sufficient for self-association and interaction with TARBP2

Prpf38b

Uniprot Accession: Q6AXY7

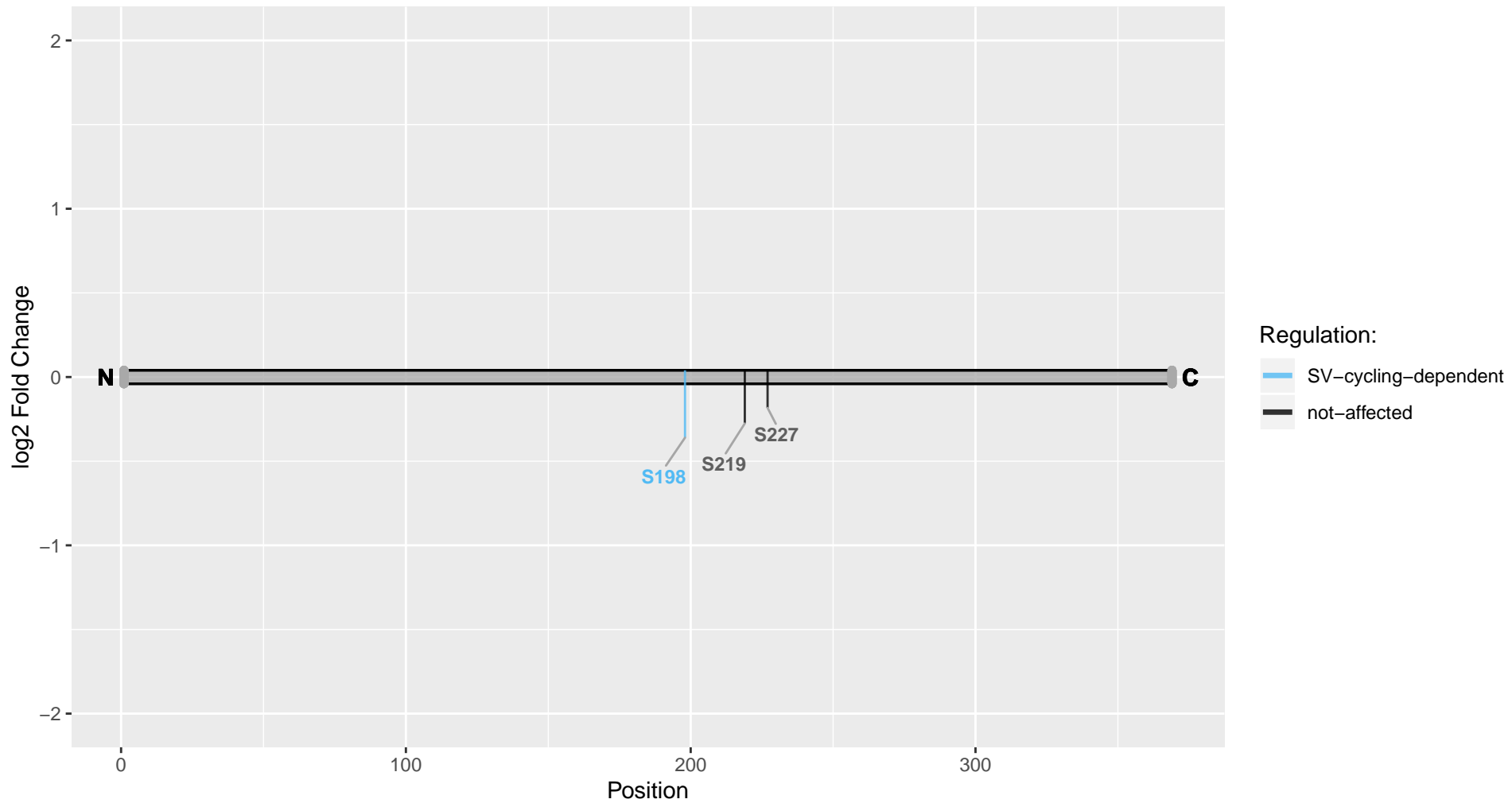
Pre-mRNA-splicing factor 38B



Prpsap2

Uniprot Accession: O08618

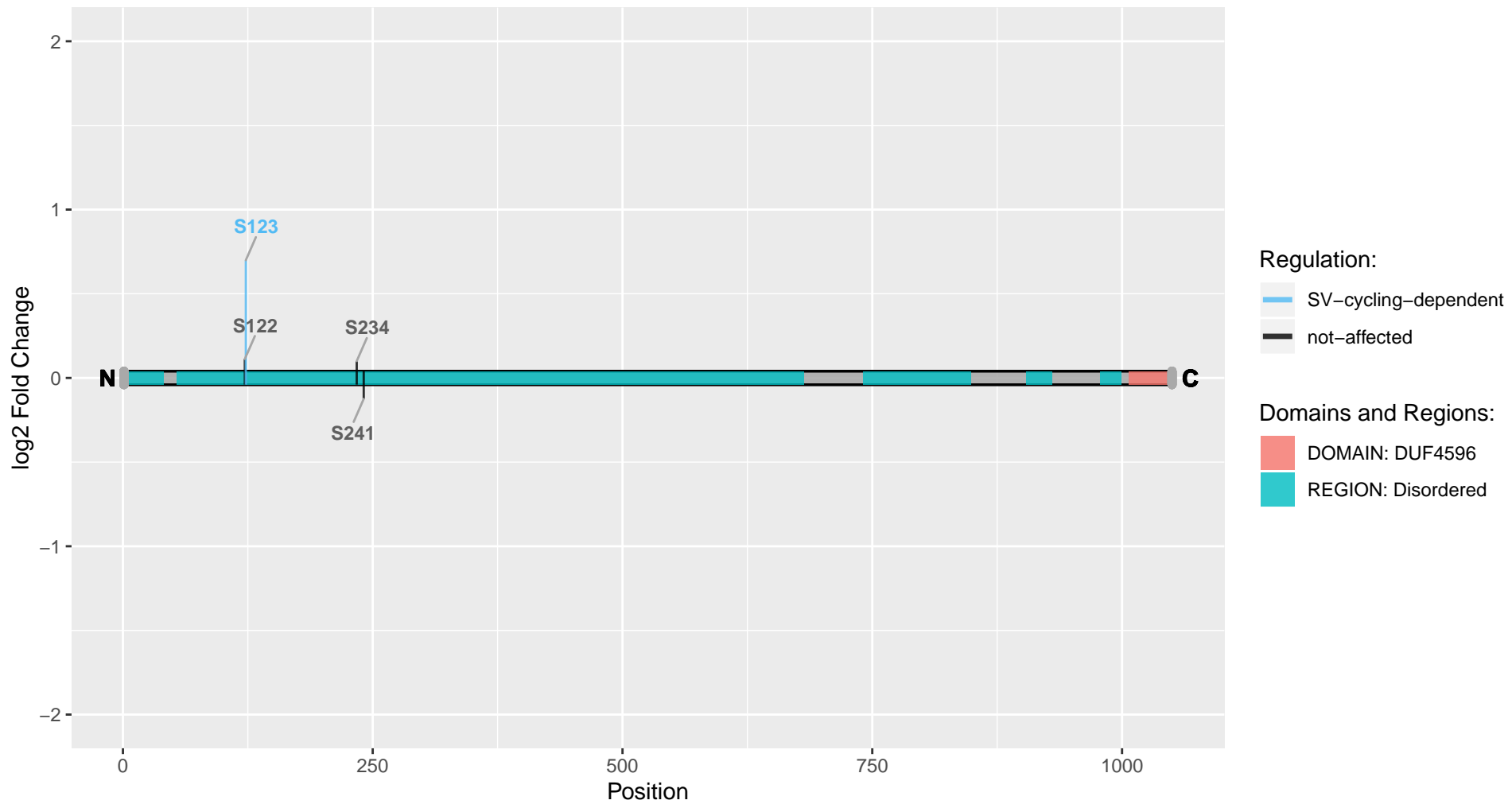
Phosphoribosyl pyrophosphate synthase-associated protein 2



Prr36

Uniprot Accession: D3ZPT0

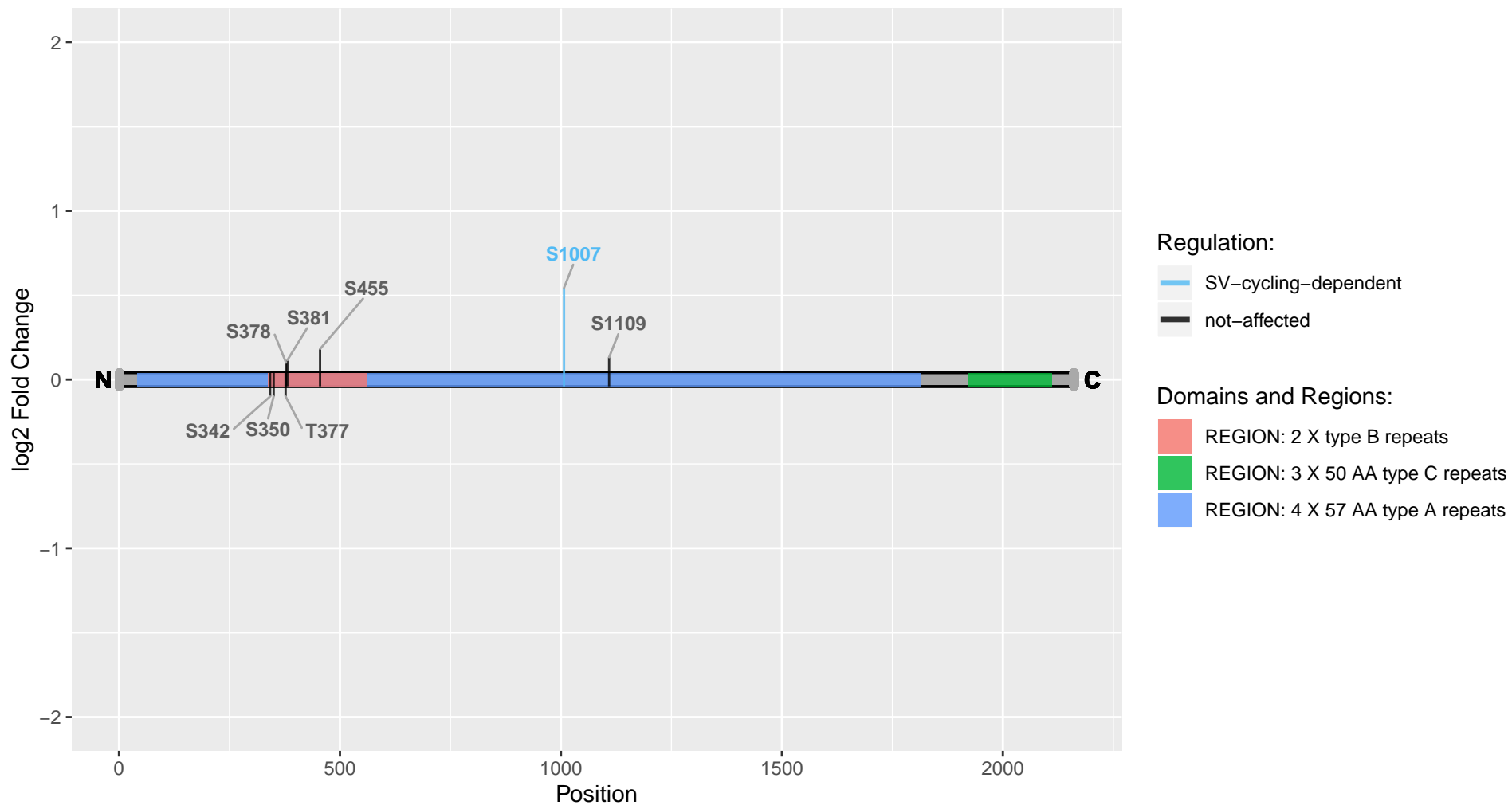
Proline-rich 36



Prrc2a

Uniprot Accession: Q6MG48

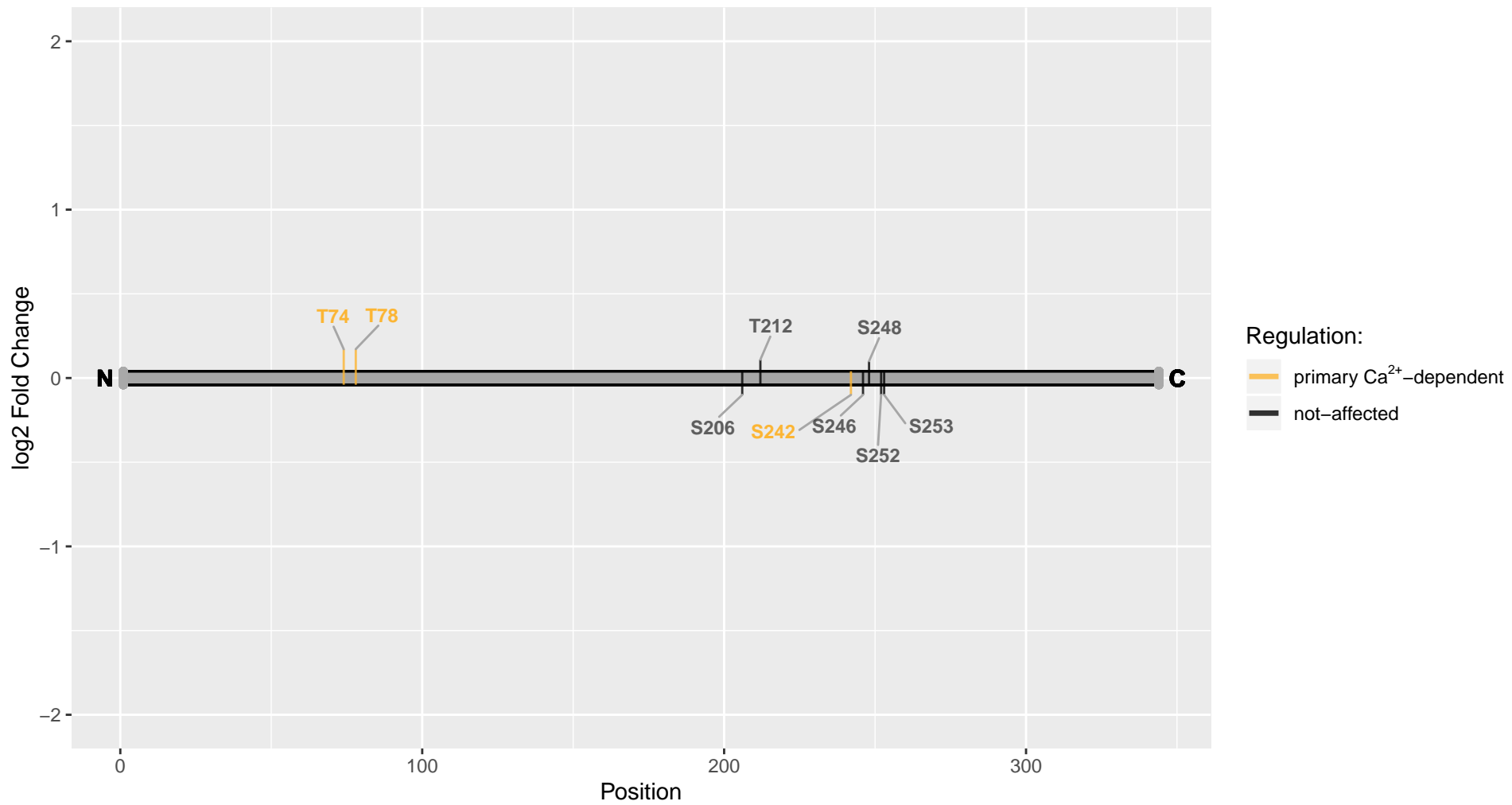
Protein PRRC2A



Prrt2

Uniprot Accession: D3ZFB6

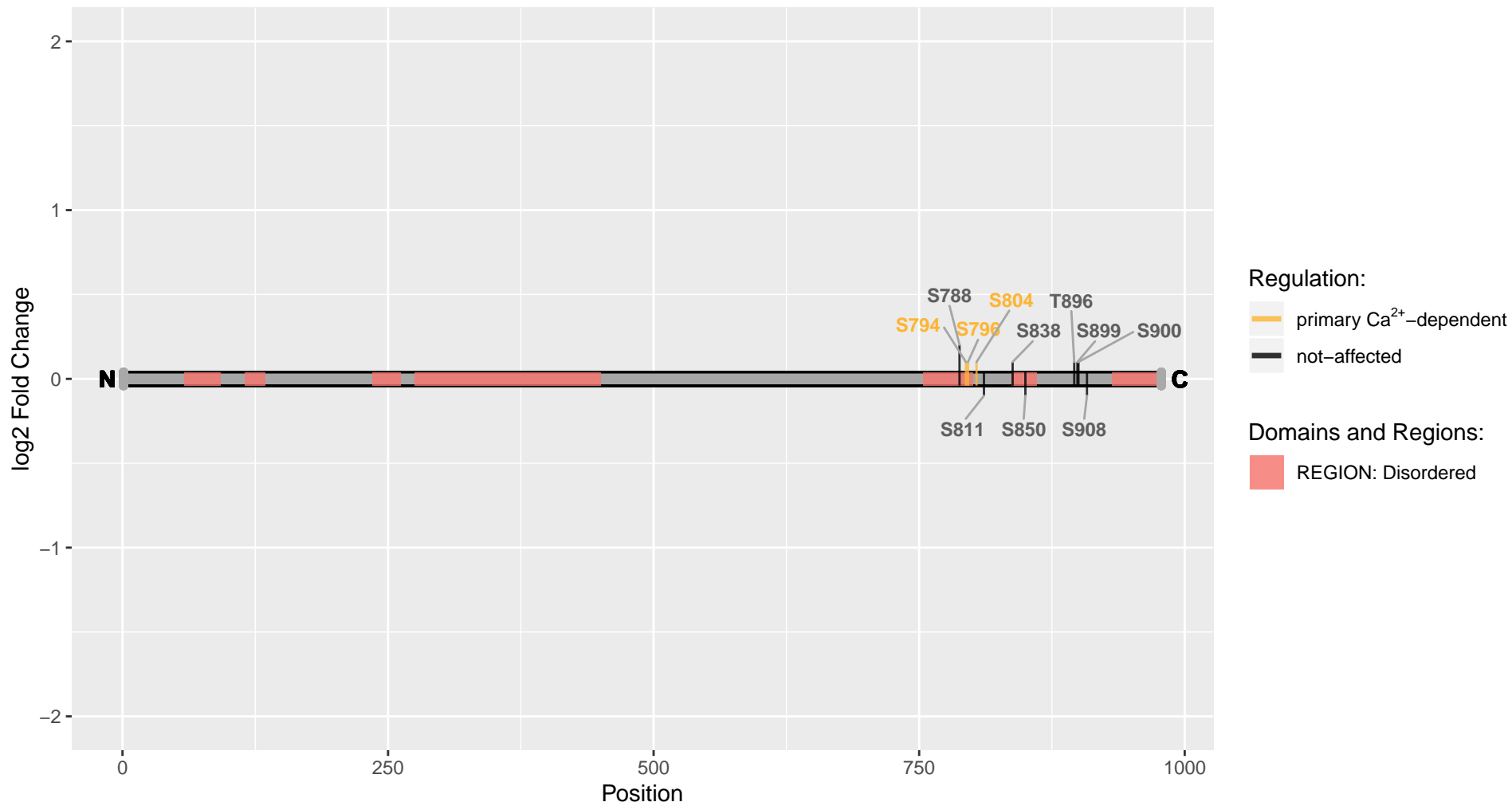
Proline-rich transmembrane protein 2



Prrt3

Uniprot Accession: D3ZWQ0

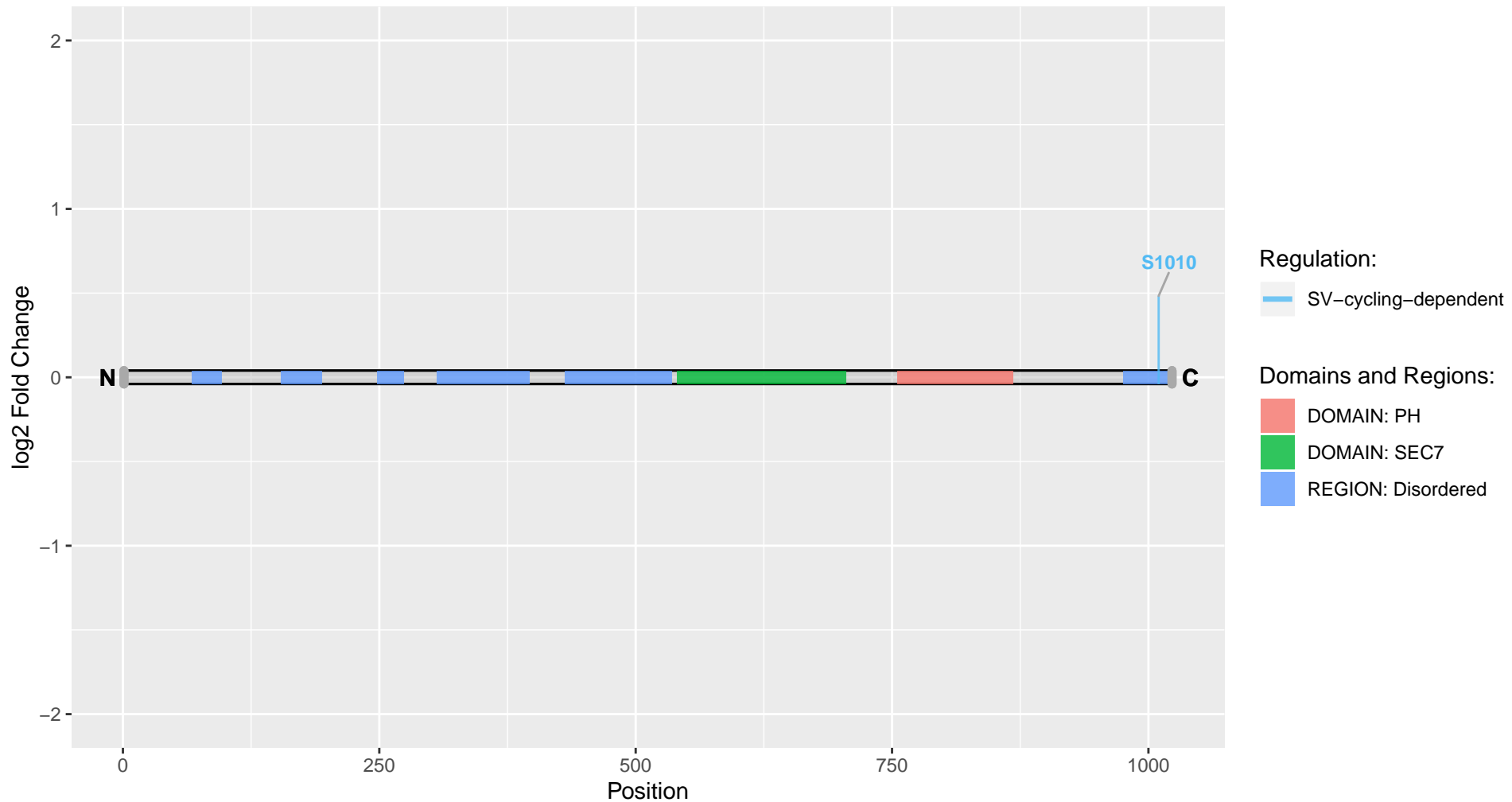
Proline-rich transmembrane protein 3



Psd

Uniprot Accession: G3V8J5

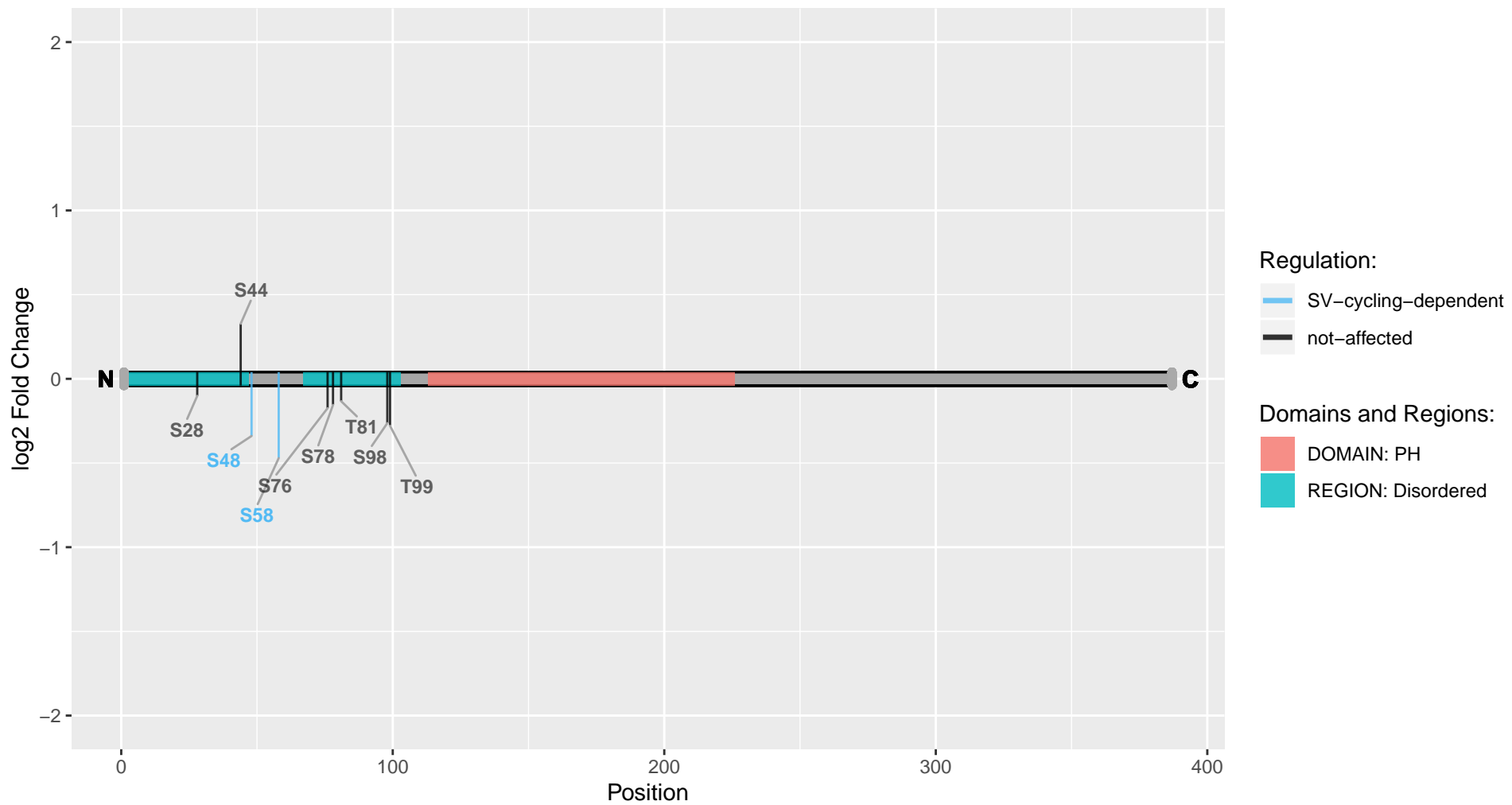
PH and SEC7 domain-containing protein 1



Psd3

Uniprot Accession: D3ZUW0

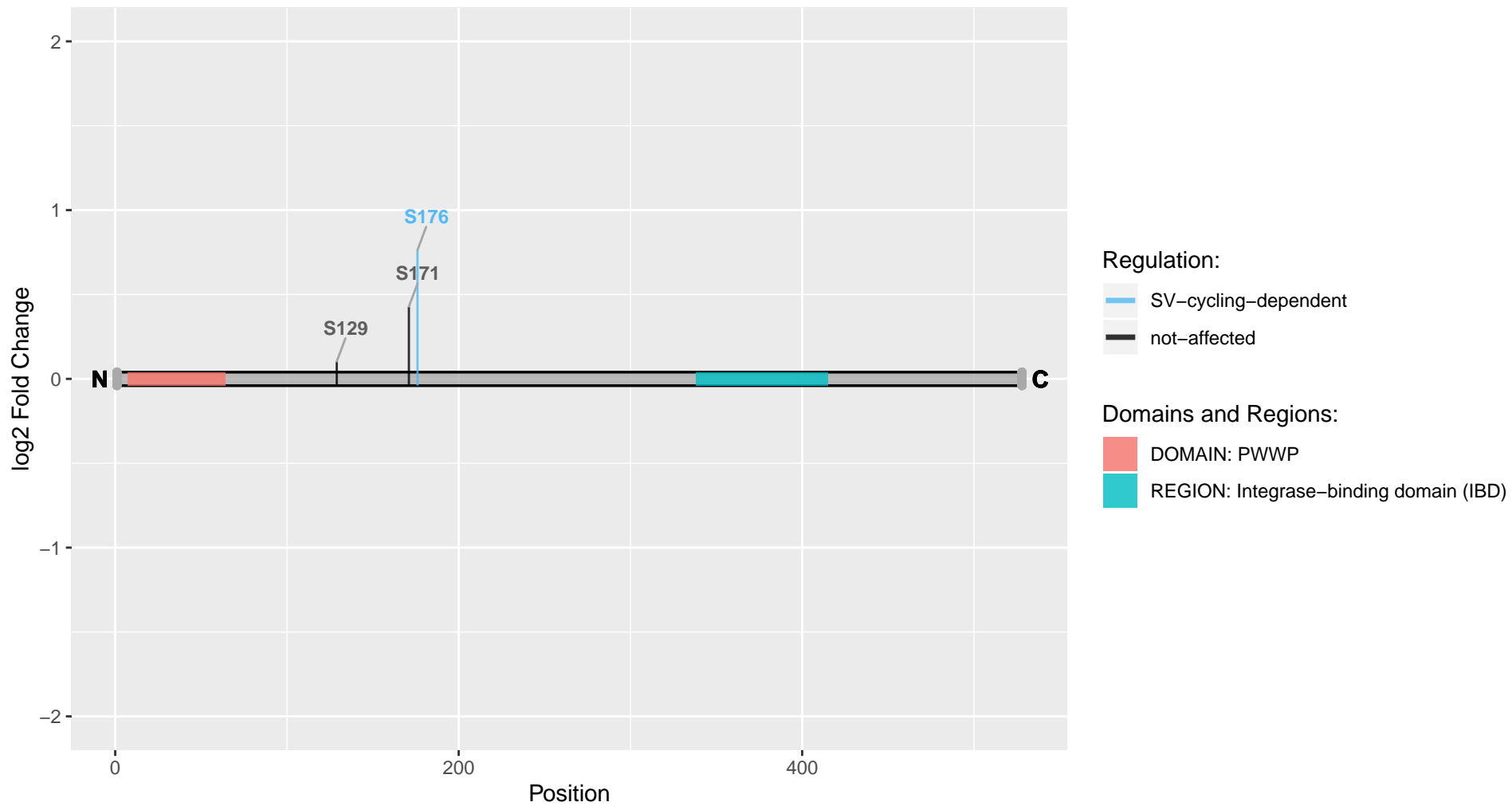
Pleckstrin and Sec7 domain-containing 3



Psip1

Uniprot Accession: Q812D1

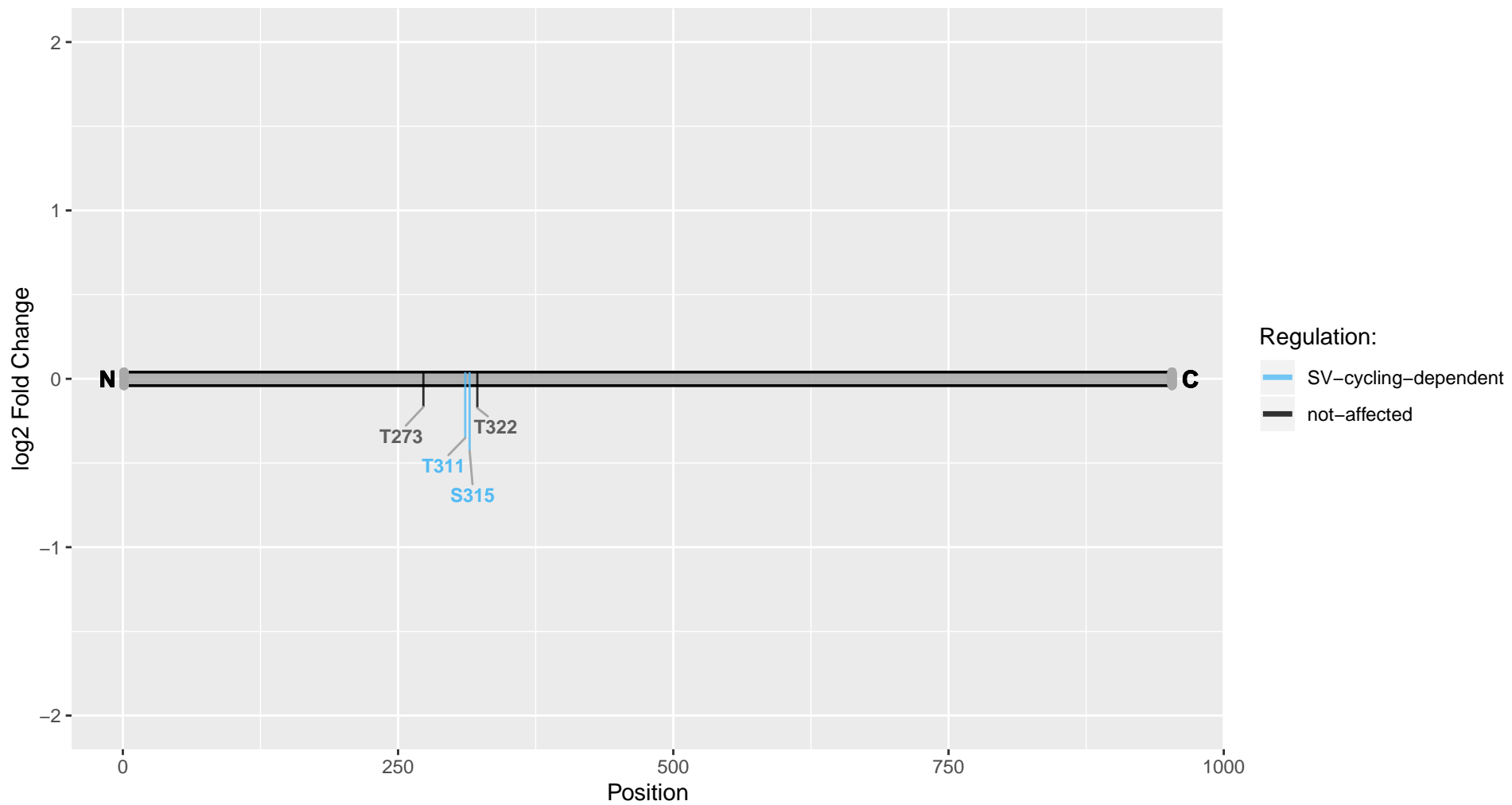
PC4 and SFRS1-interacting protein



Psmc1

Uniprot Accession: O88761

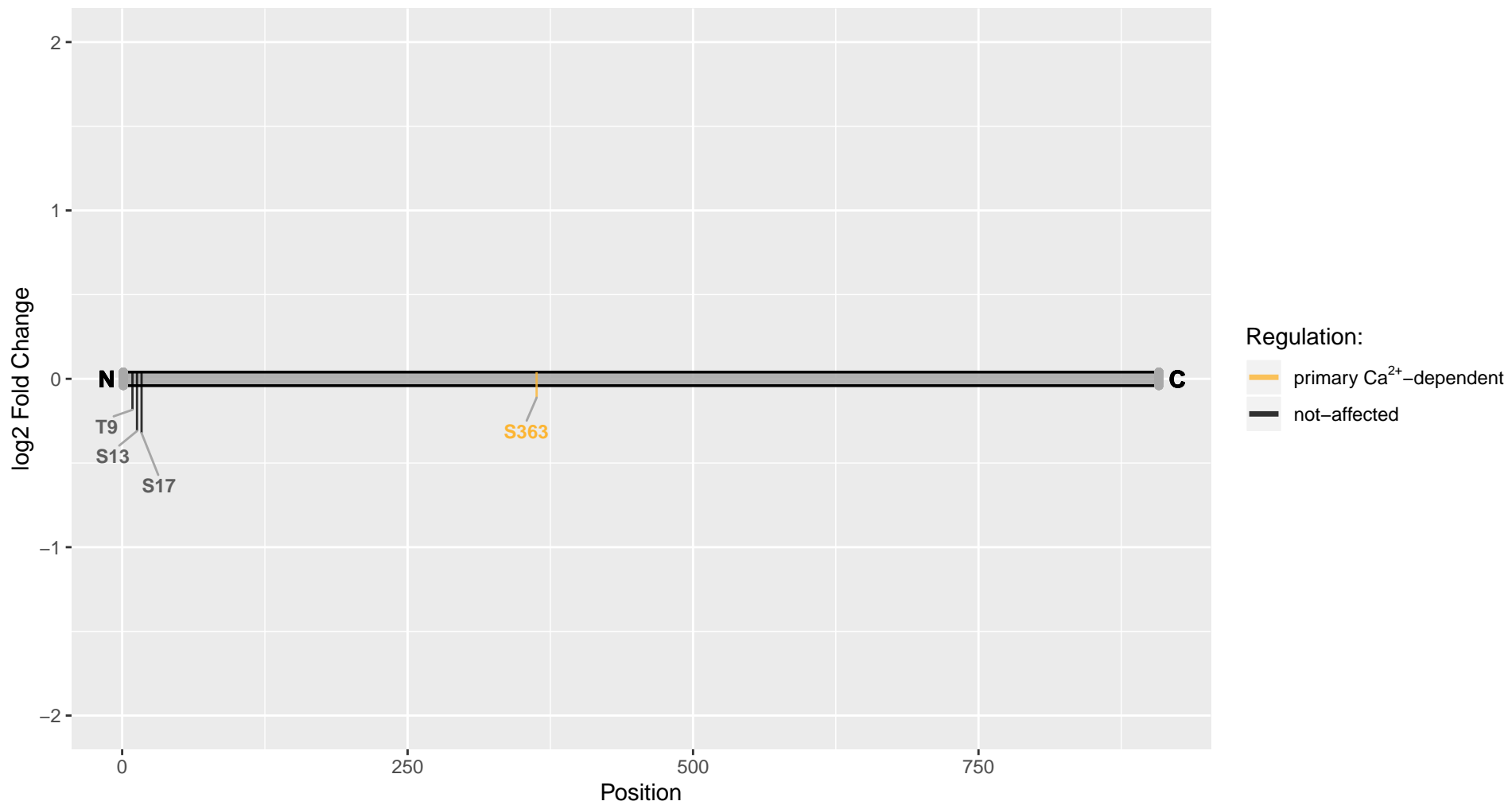
26S proteasome non-ATPase regulatory subunit 1



Psm2

Uniprot Accession: Q4FZT9

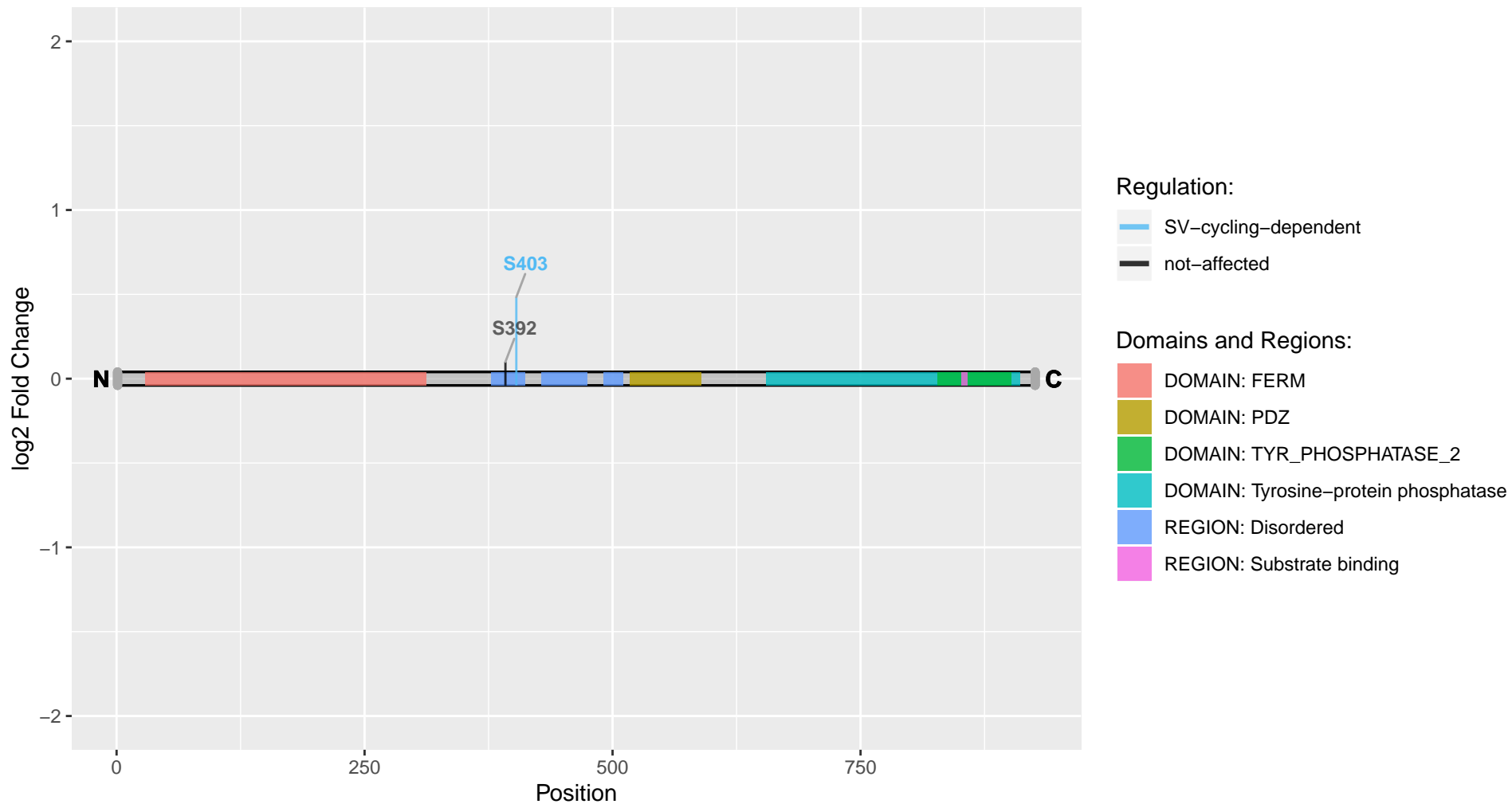
26S proteasome non-ATPase regulatory subunit 2



Ptpn4

Uniprot Accession: G3V6B9

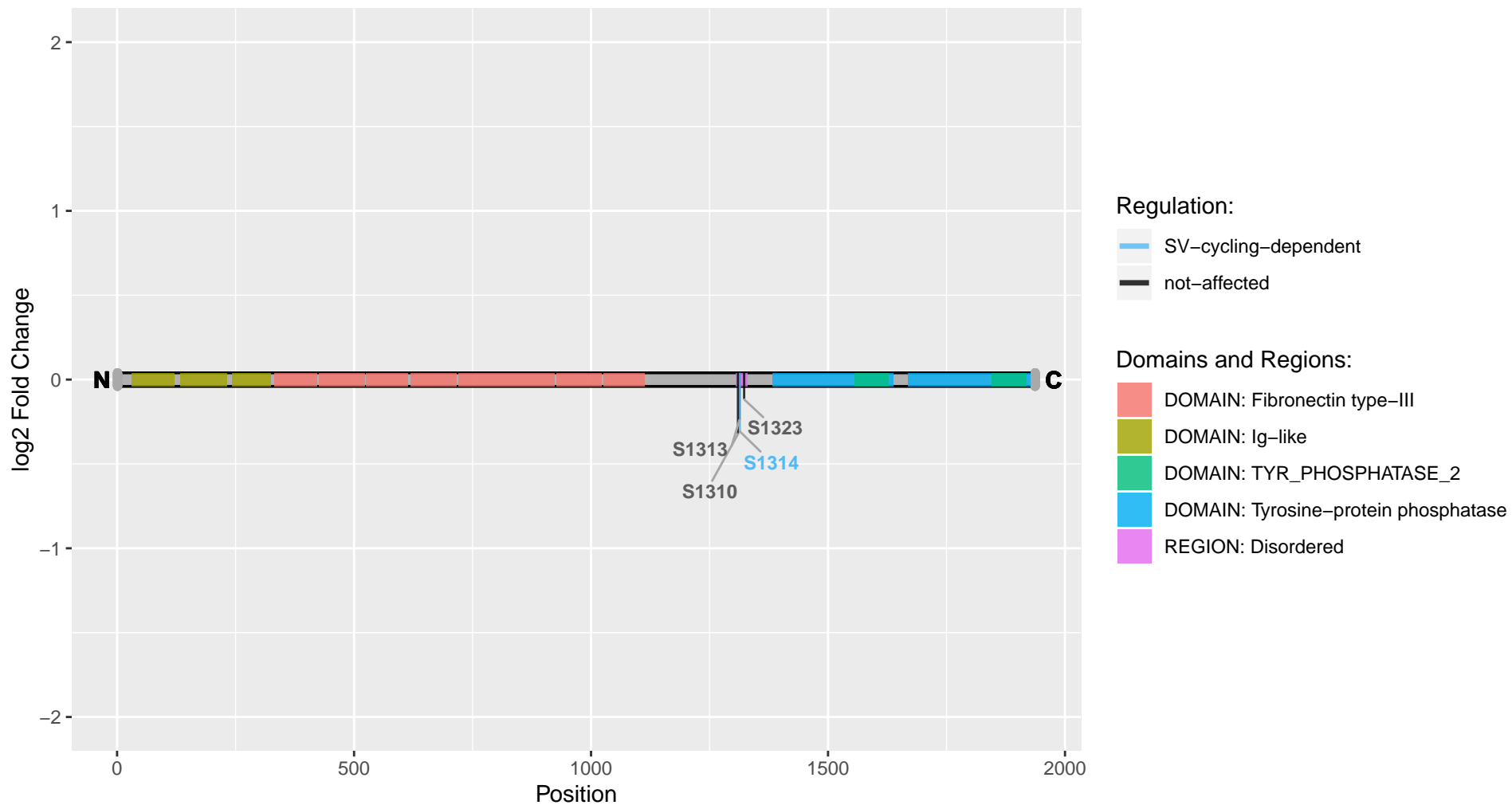
Tyrosine-protein phosphatase non-receptor type



Ptprd

Uniprot Accession: M0RB22

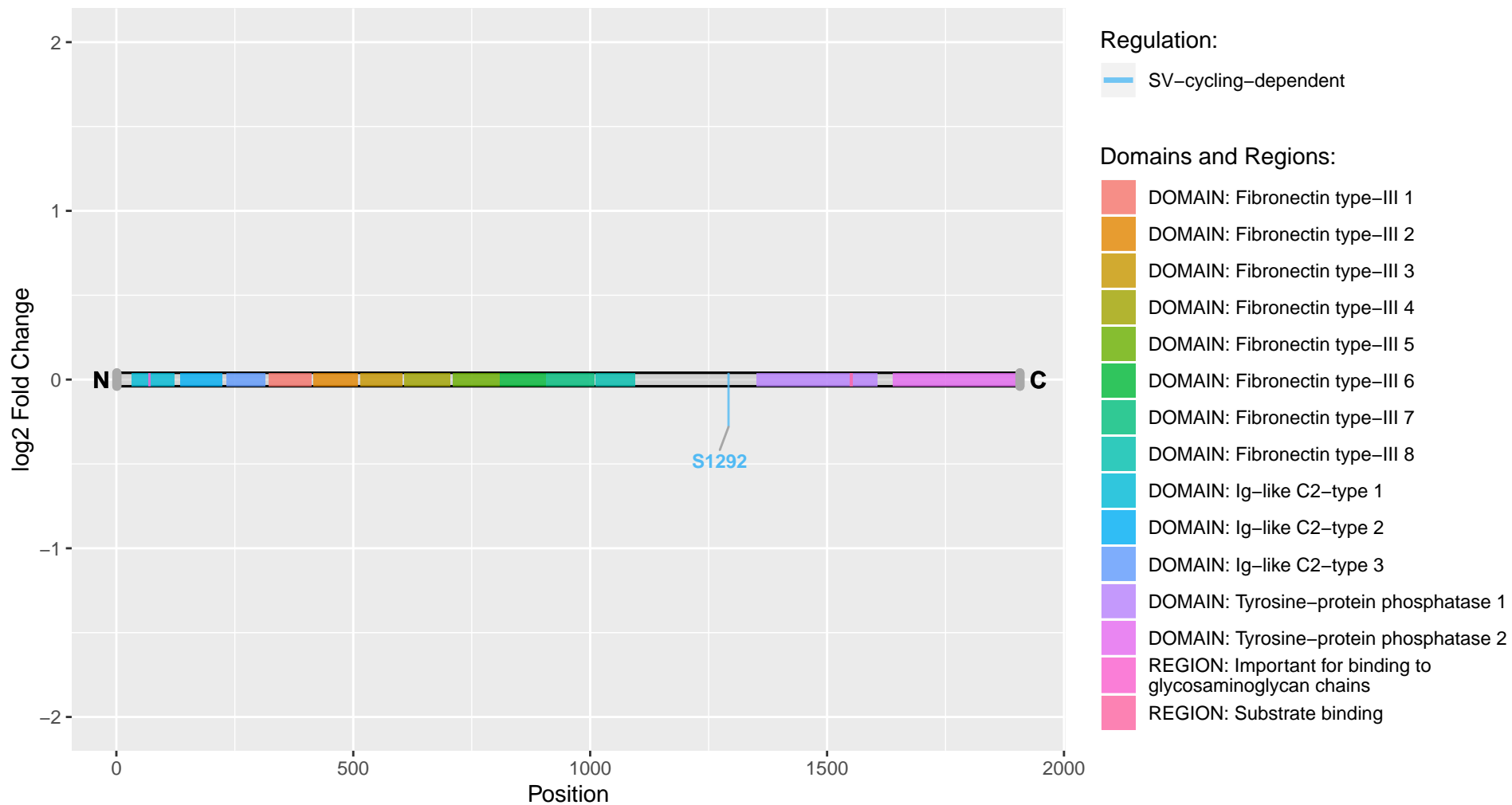
Protein tyrosine phosphatase, receptor type, D



Ptprs

Uniprot Accession: Q64605

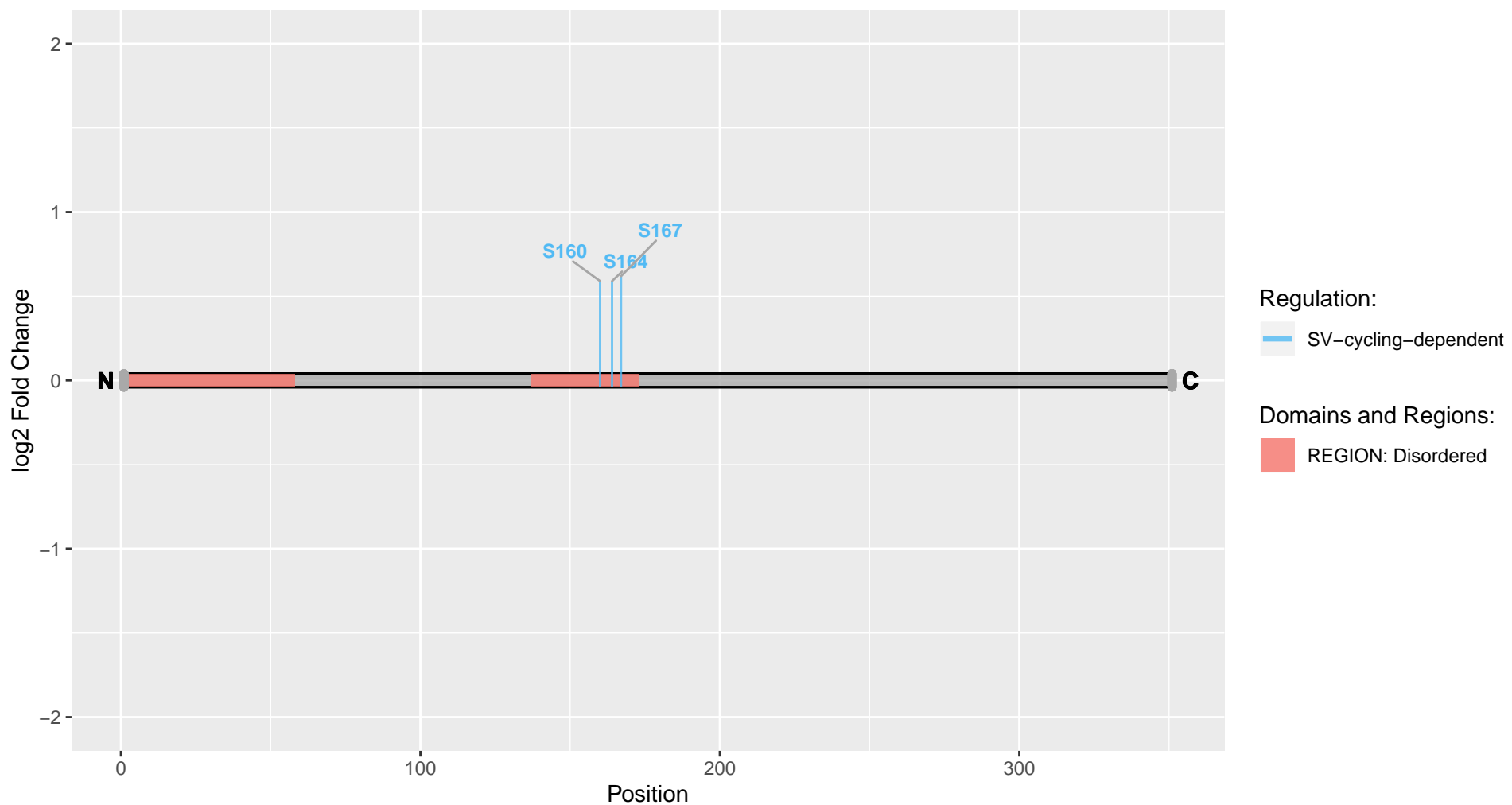
Receptor-type tyrosine-protein phosphatase S



Purg

Uniprot Accession: D3ZYS1

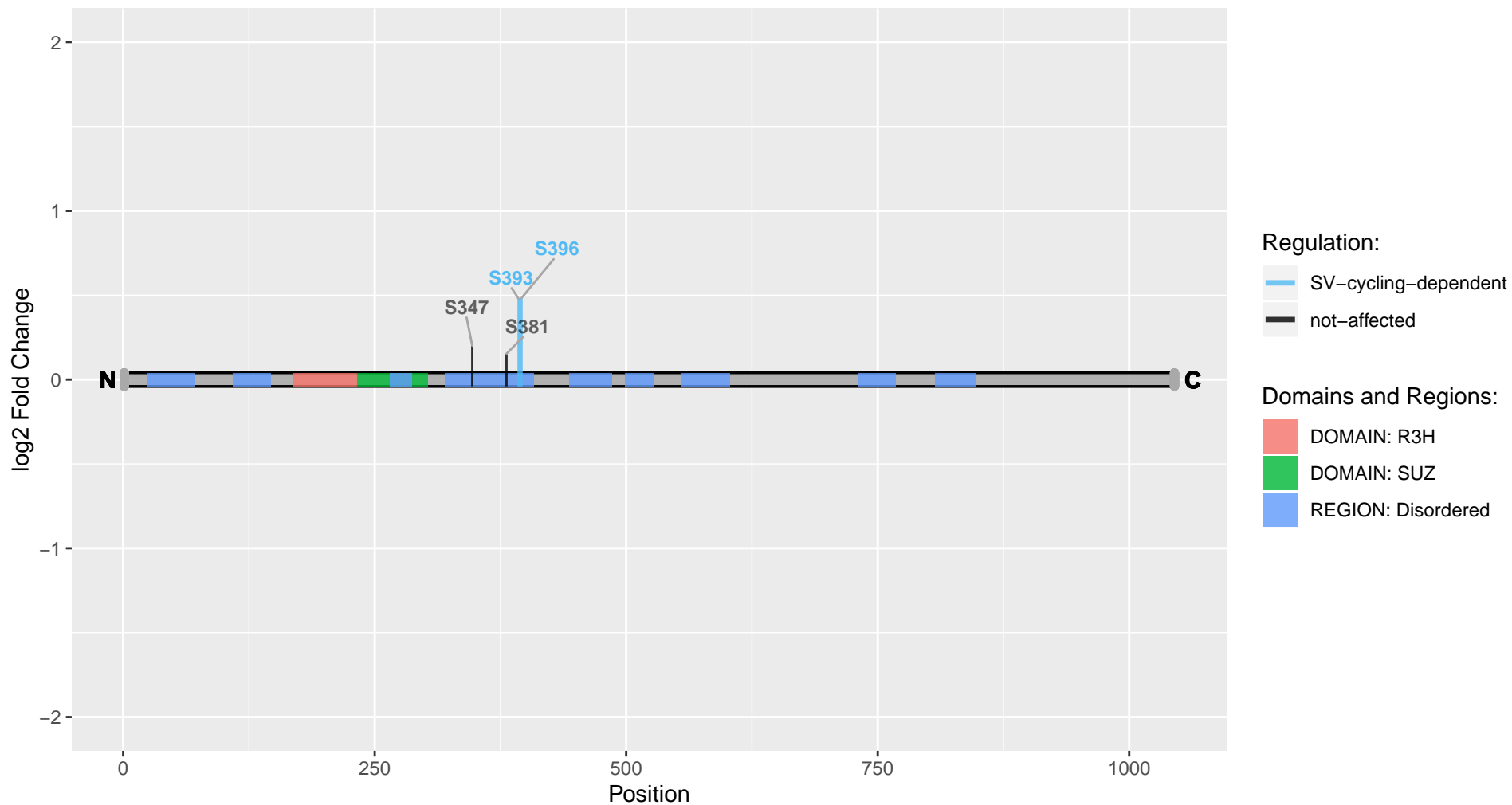
Purine-rich element-binding protein G



R3hdm2

Uniprot Accession: A0A0G2K4E8

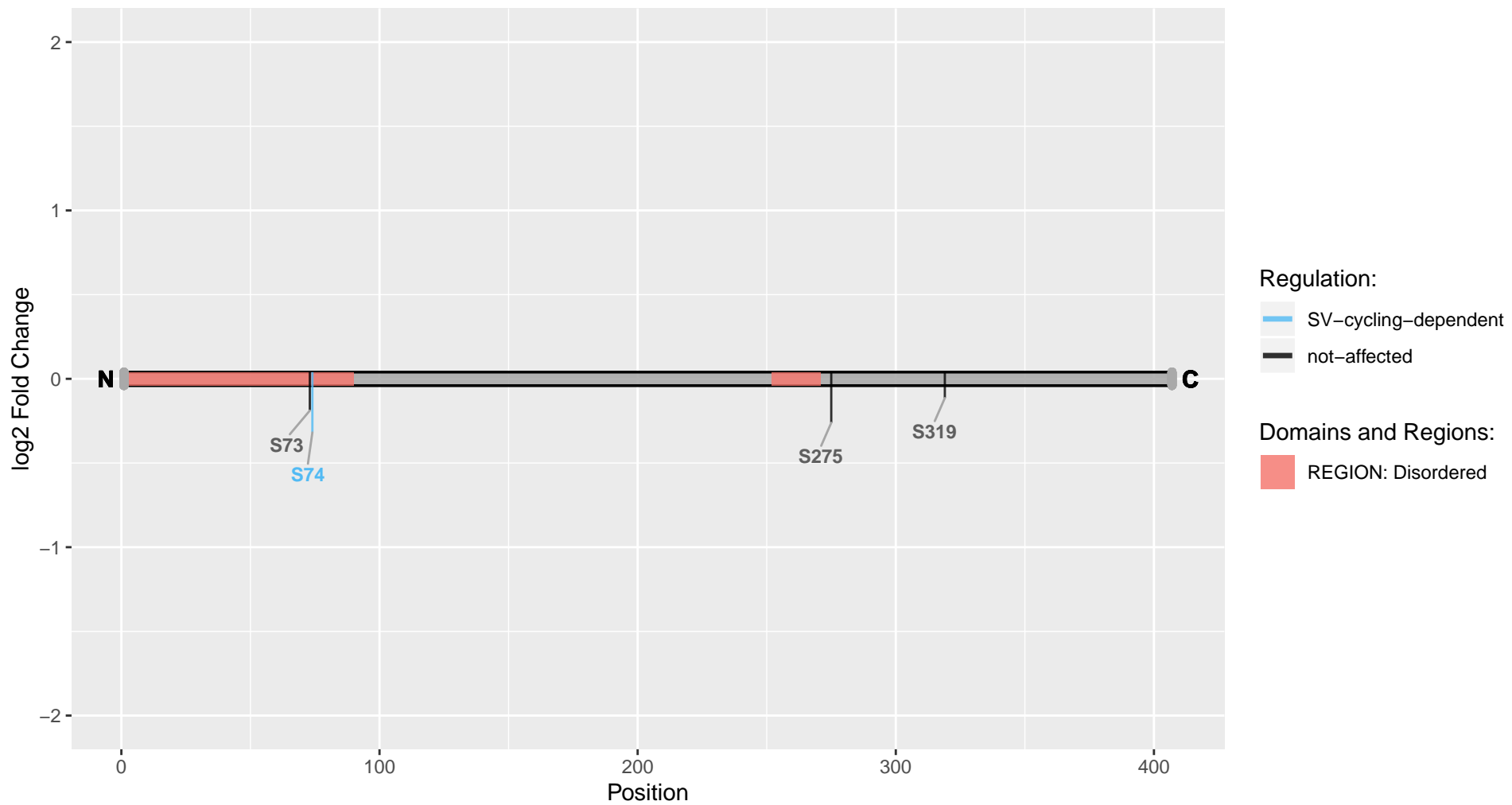
R3H domain-containing 2



RGD1304884

Uniprot Accession: D4A3C2

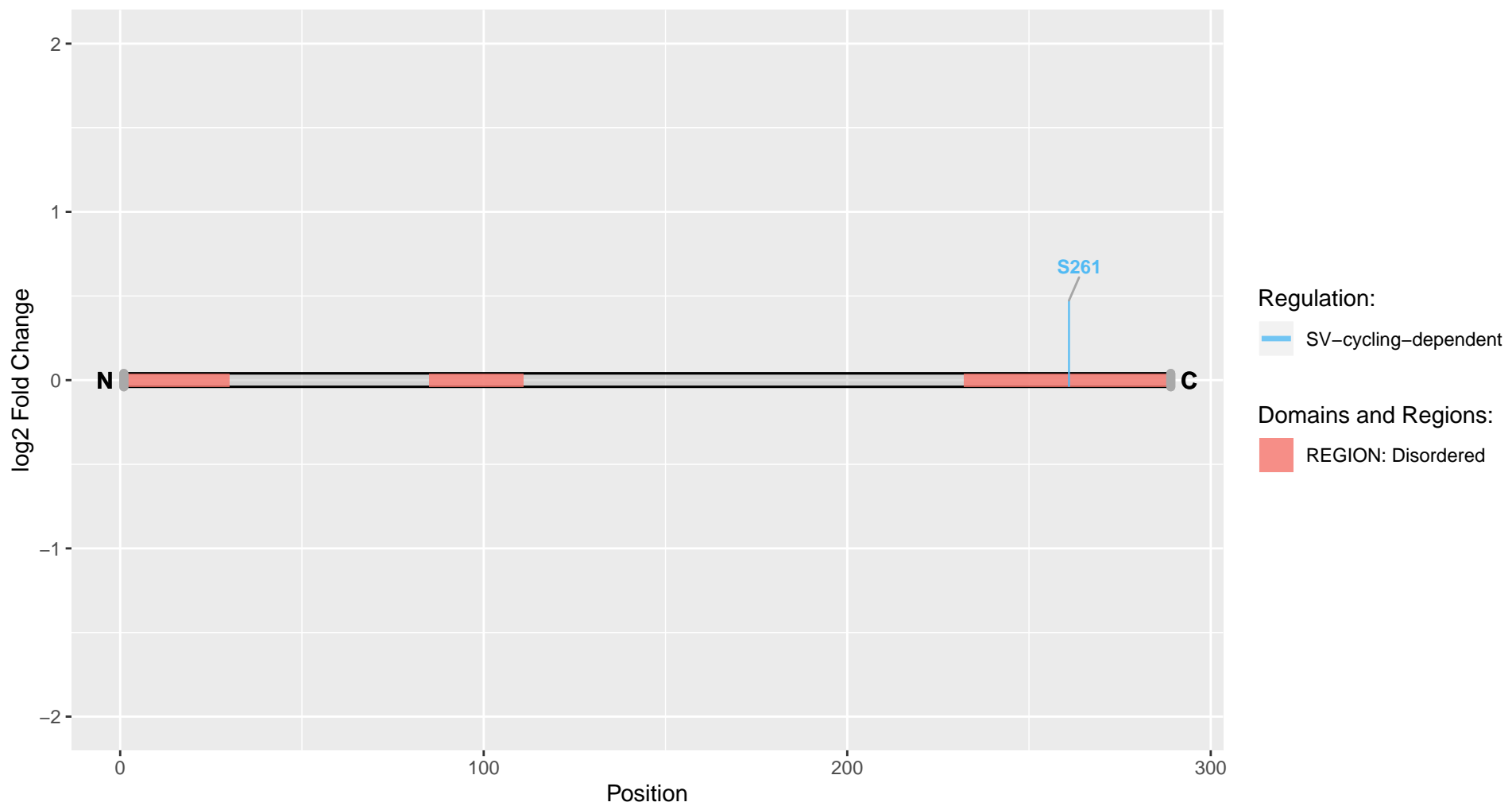
Similar to RIKEN cDNA 6430548M08



RGD1305178

Uniprot Accession: A0A096MJX5

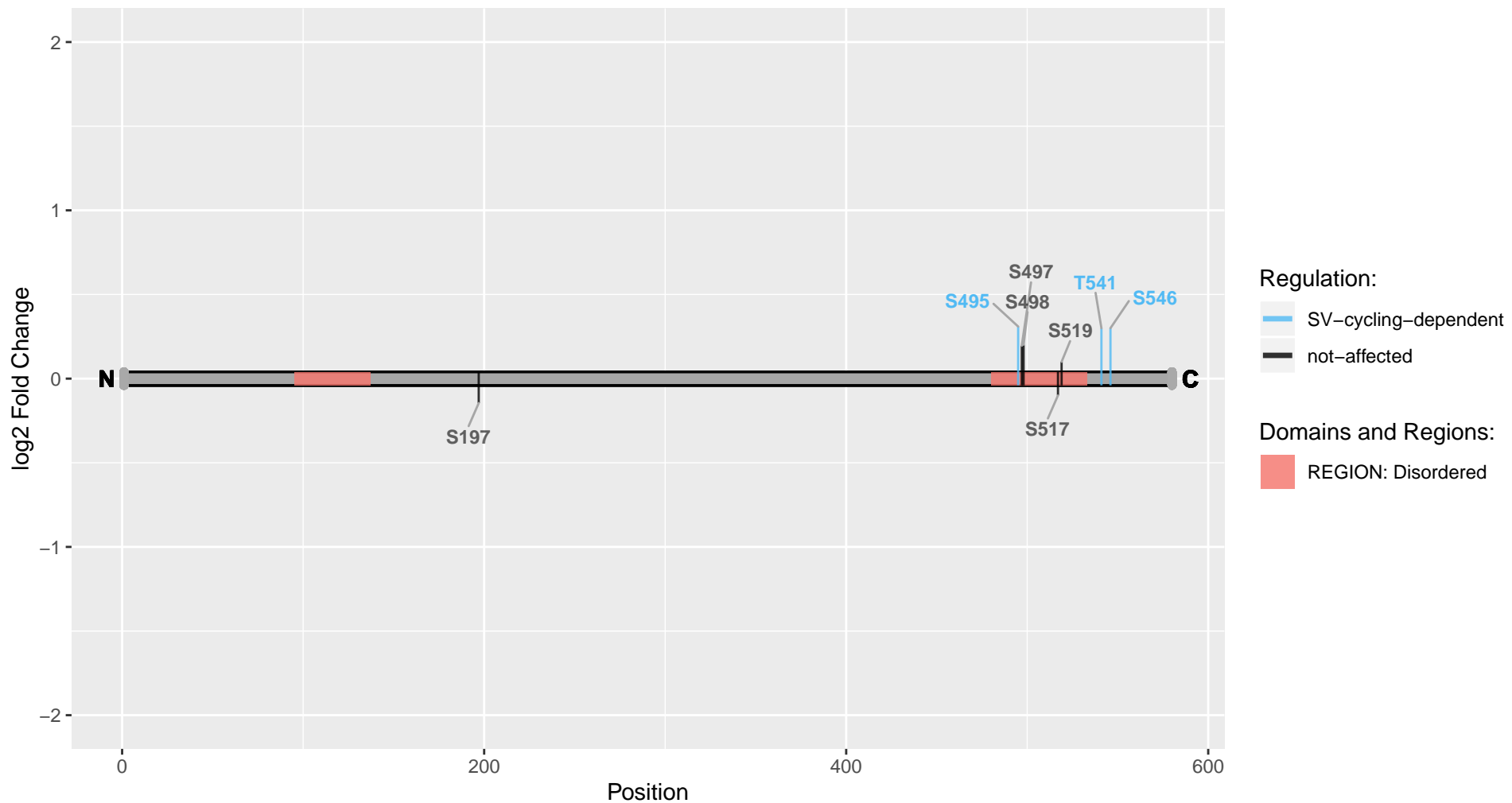
Similar to Hypothetical protein MGC11690



RGD1305455

Uniprot Accession: A0A0G2KAX2

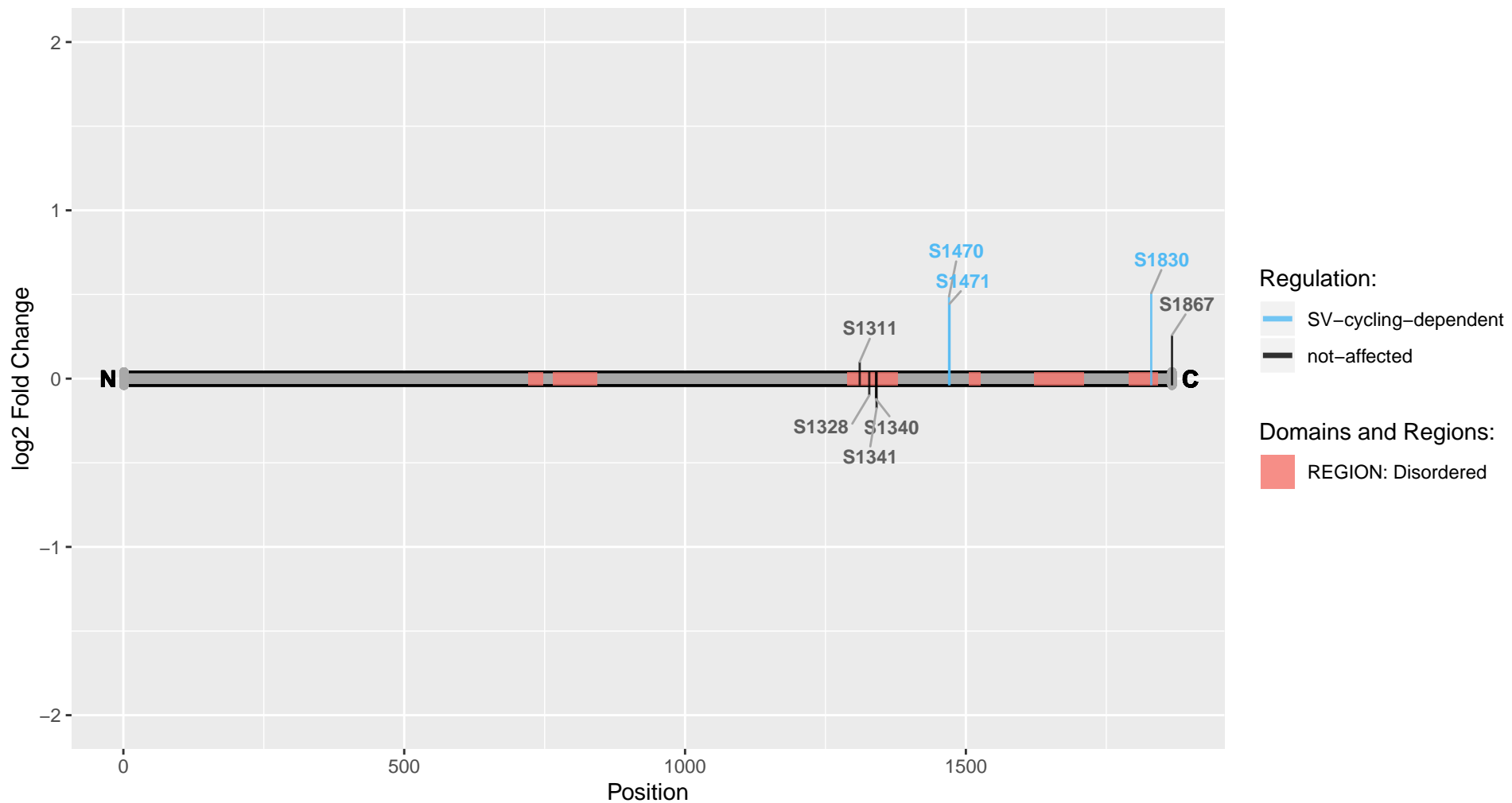
Similar to hypothetical protein FLJ10925



RGD1306271

Uniprot Accession: D3Z9D0

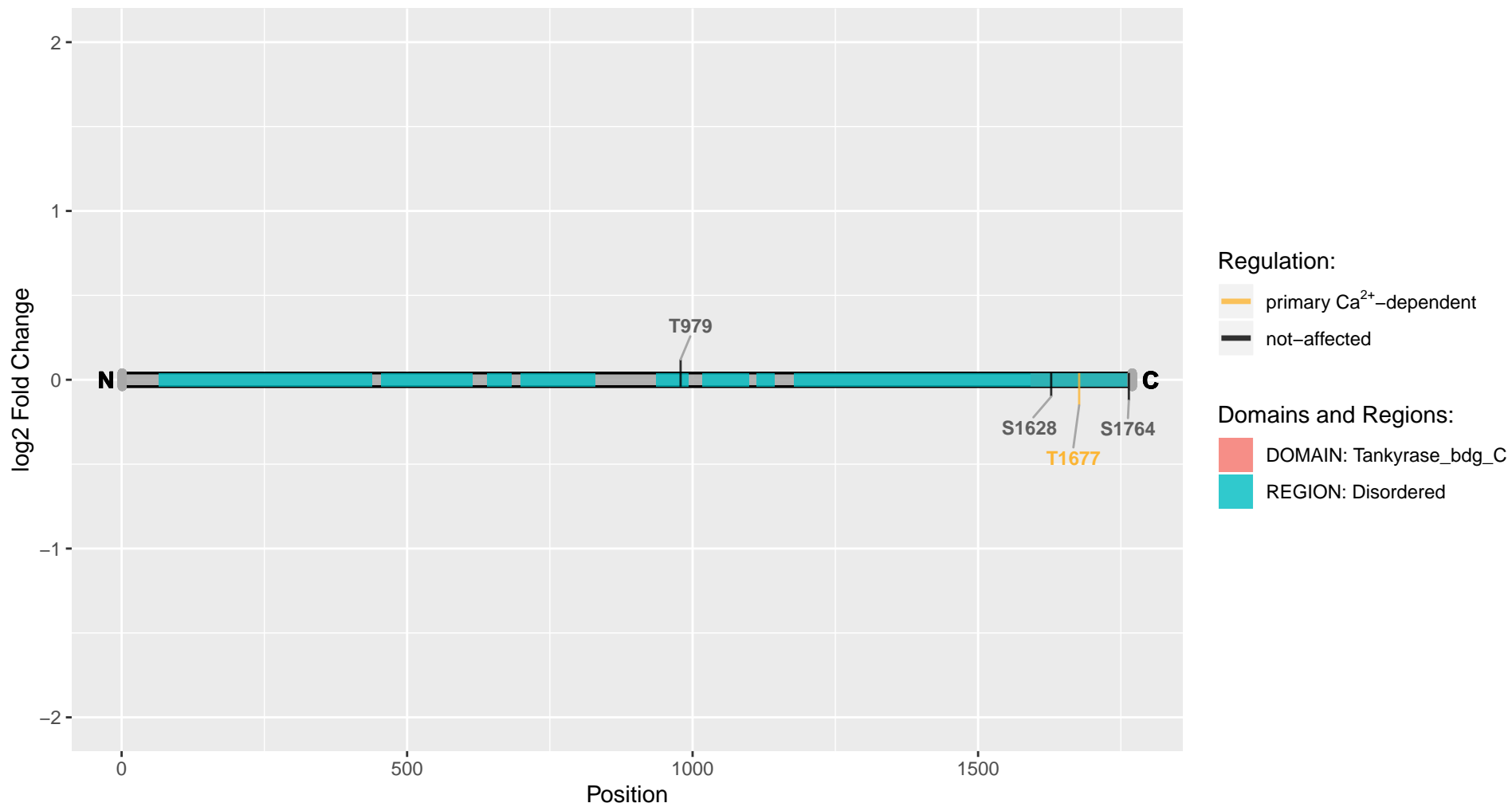
Similar to KIAA1549 protein



RGD1306556

Uniprot Accession: A0A0G2JZ88

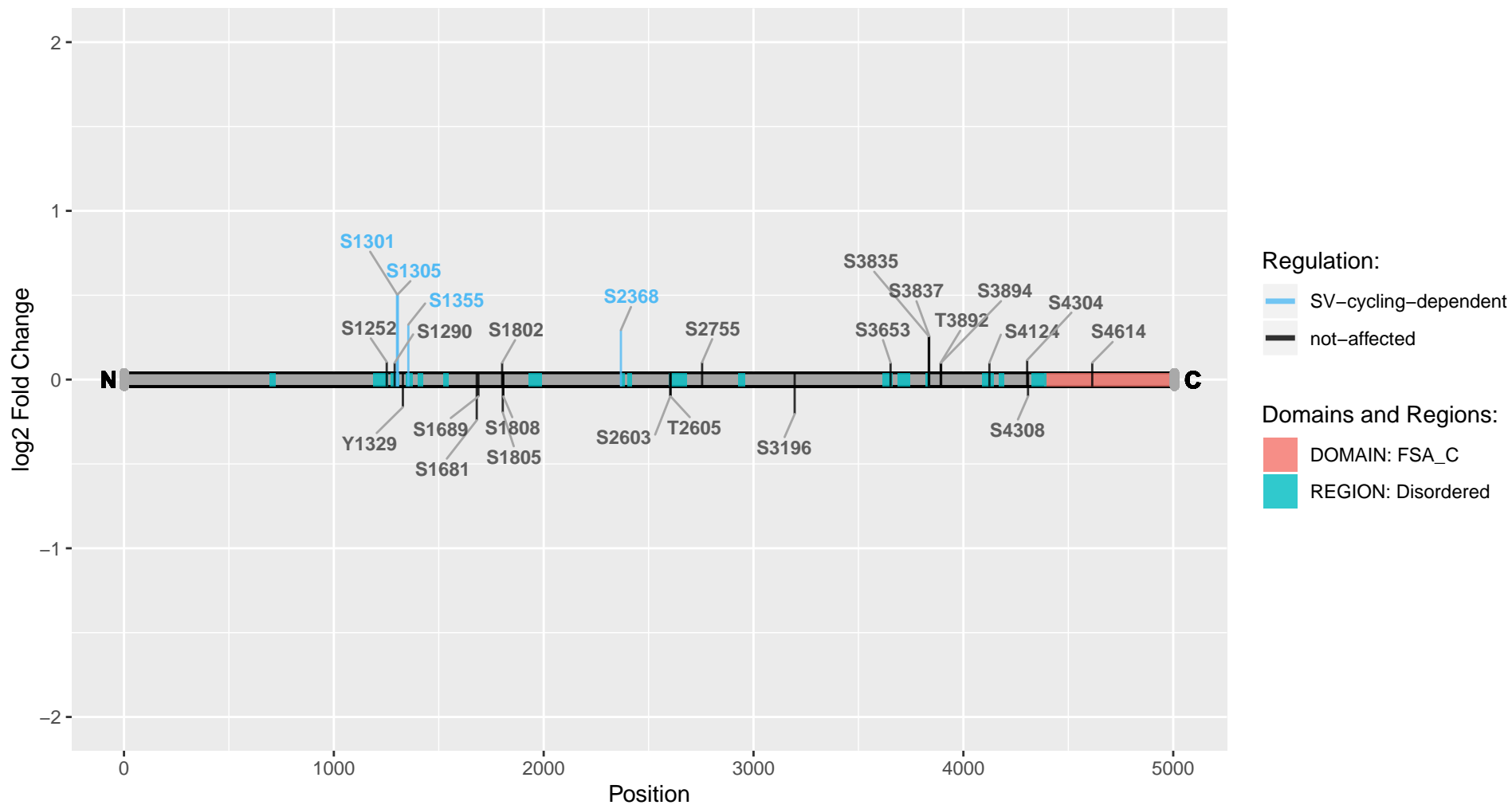
Similar to hypothetical protein A530094D01



RGD1307100

Uniprot Accession: A0A096MJT6

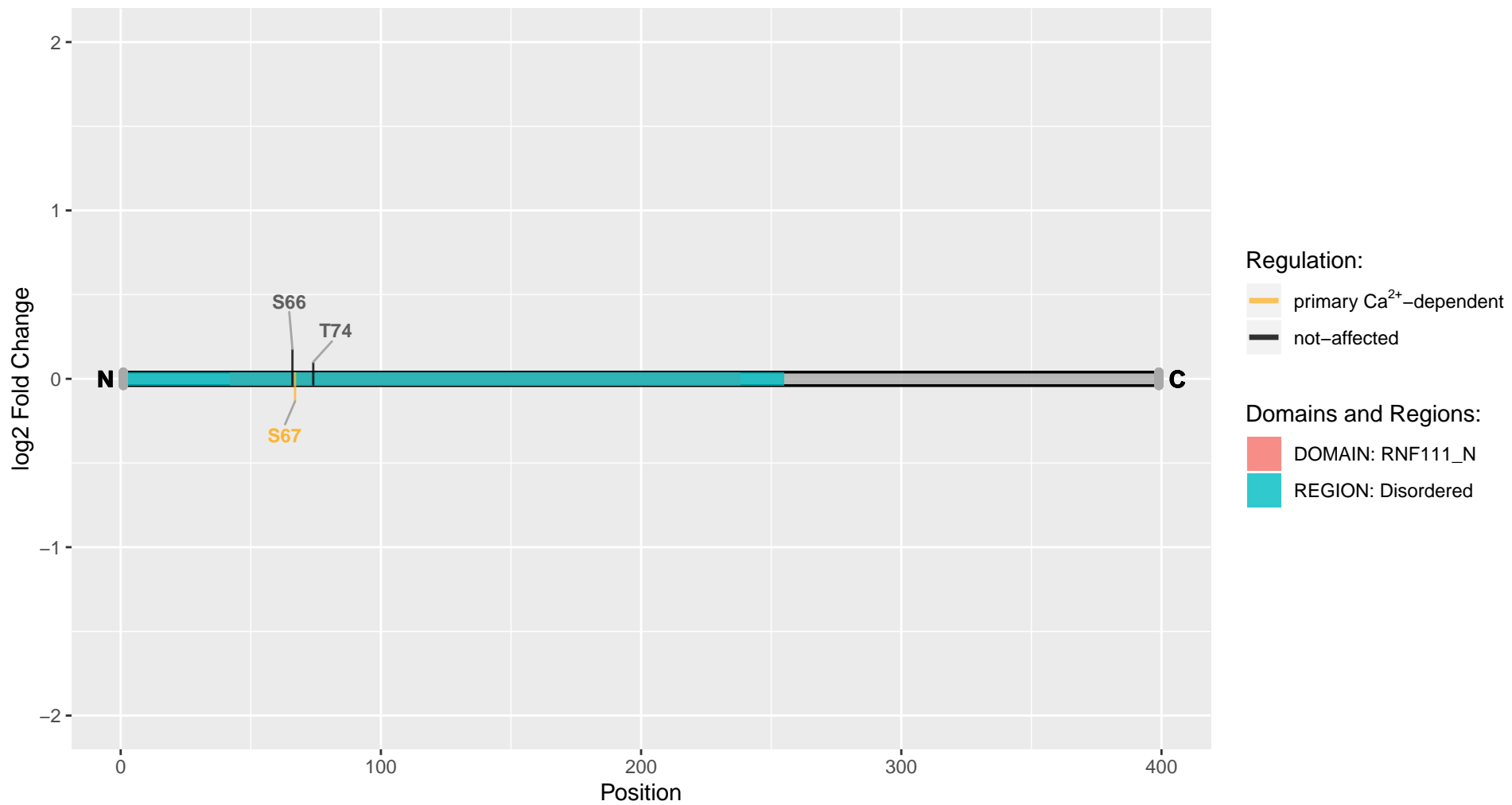
Similar to RIKEN cDNA D630029K19



RGD1308601

Uniprot Accession: D4A3X1

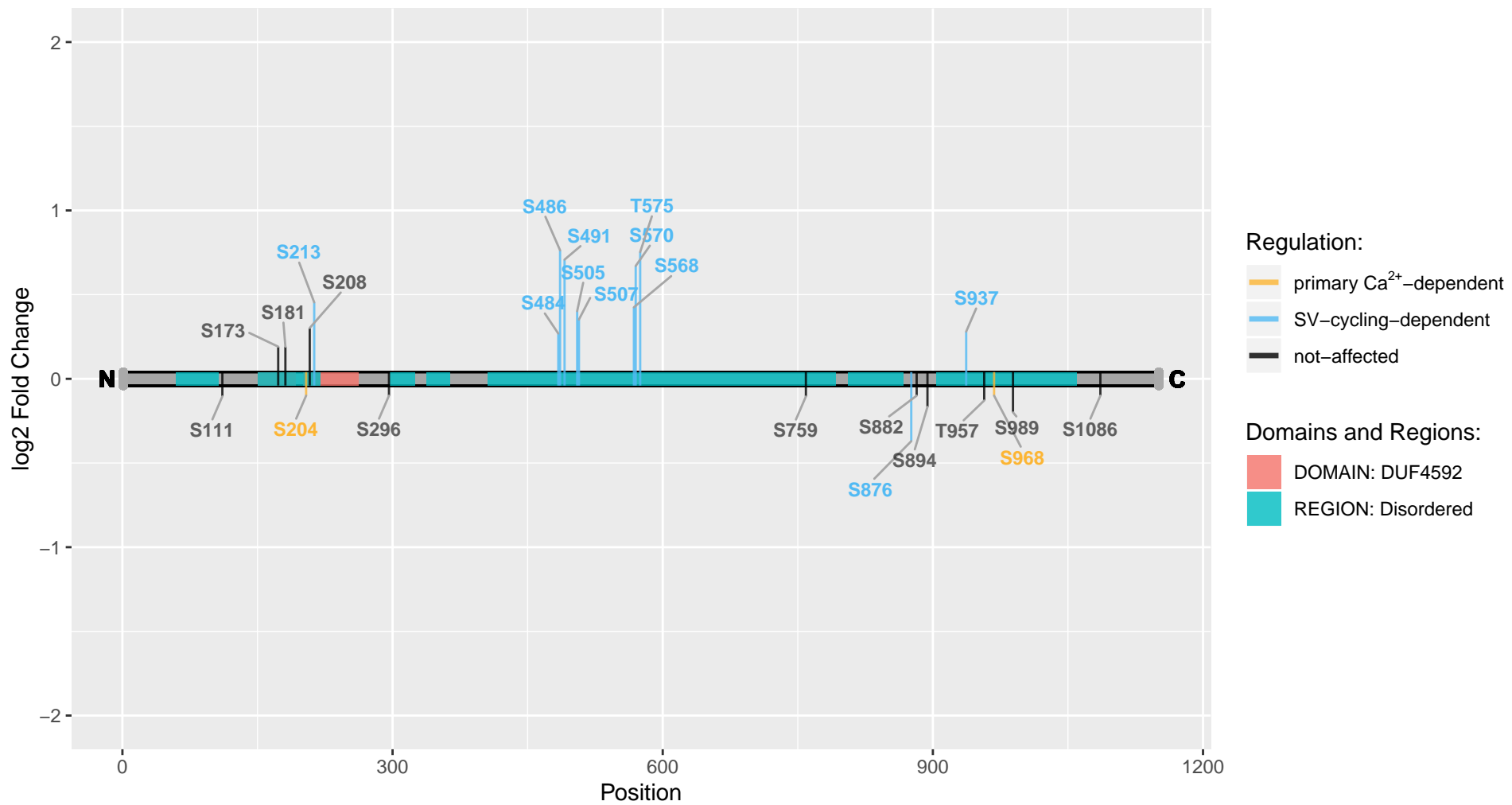
Similar to hypothetical protein



RGD1310819

Uniprot Accession: D3ZBU7

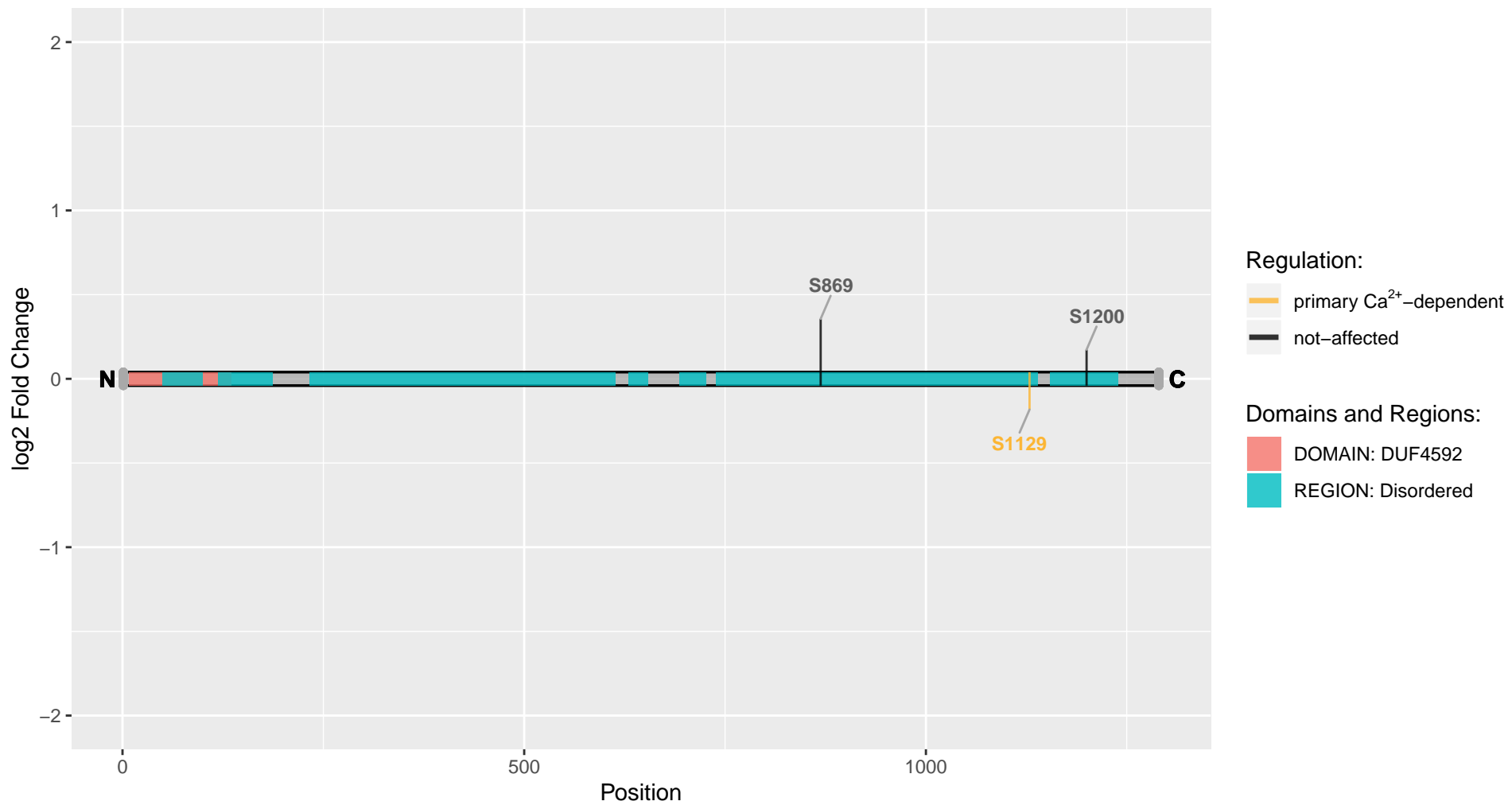
Similar to putative protein (5S487)



RGD1311575

Uniprot Accession: D4A5F4

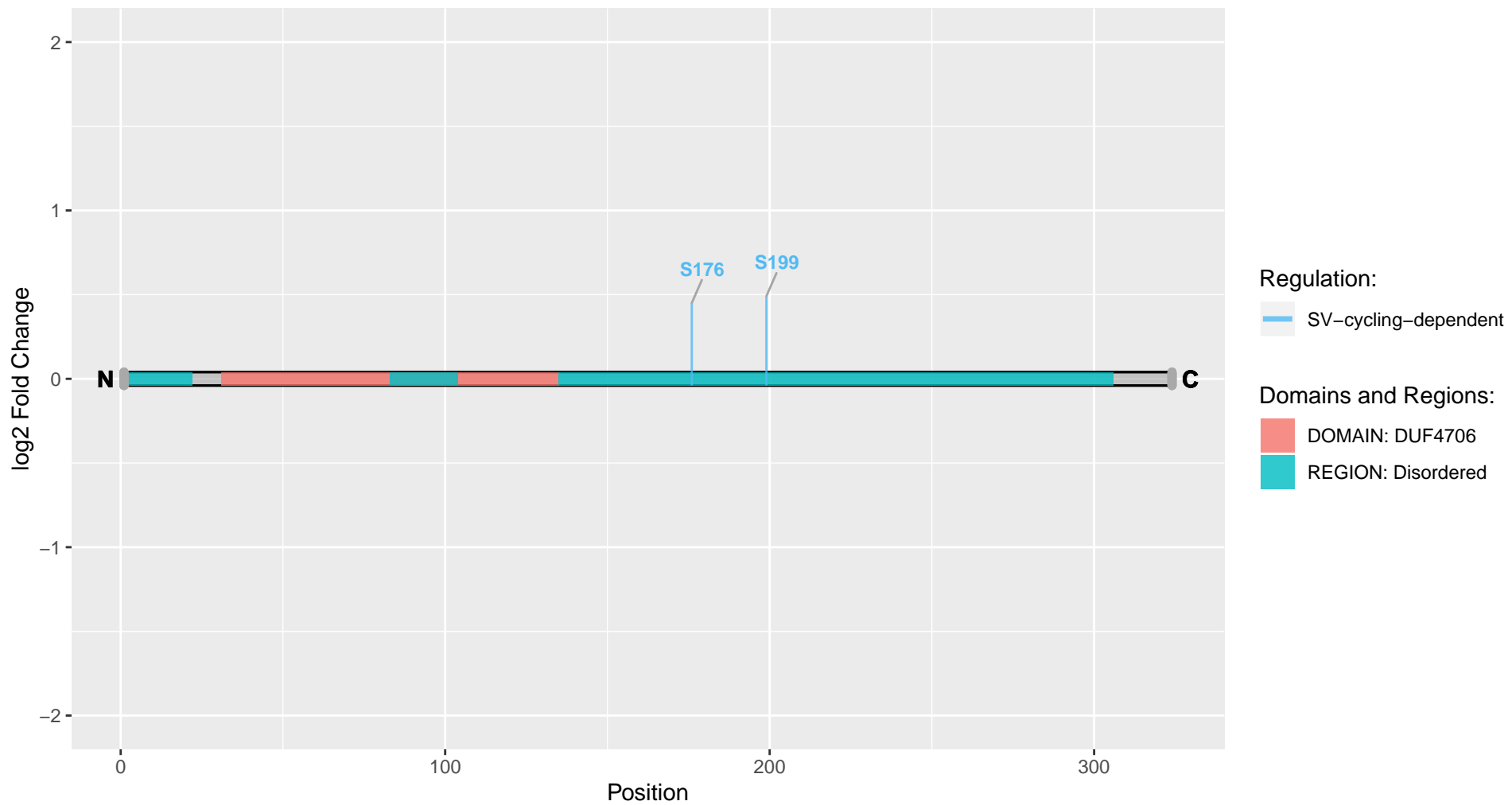
Hypothetical LOC289568



RGD1559896

Uniprot Accession: D3ZY47

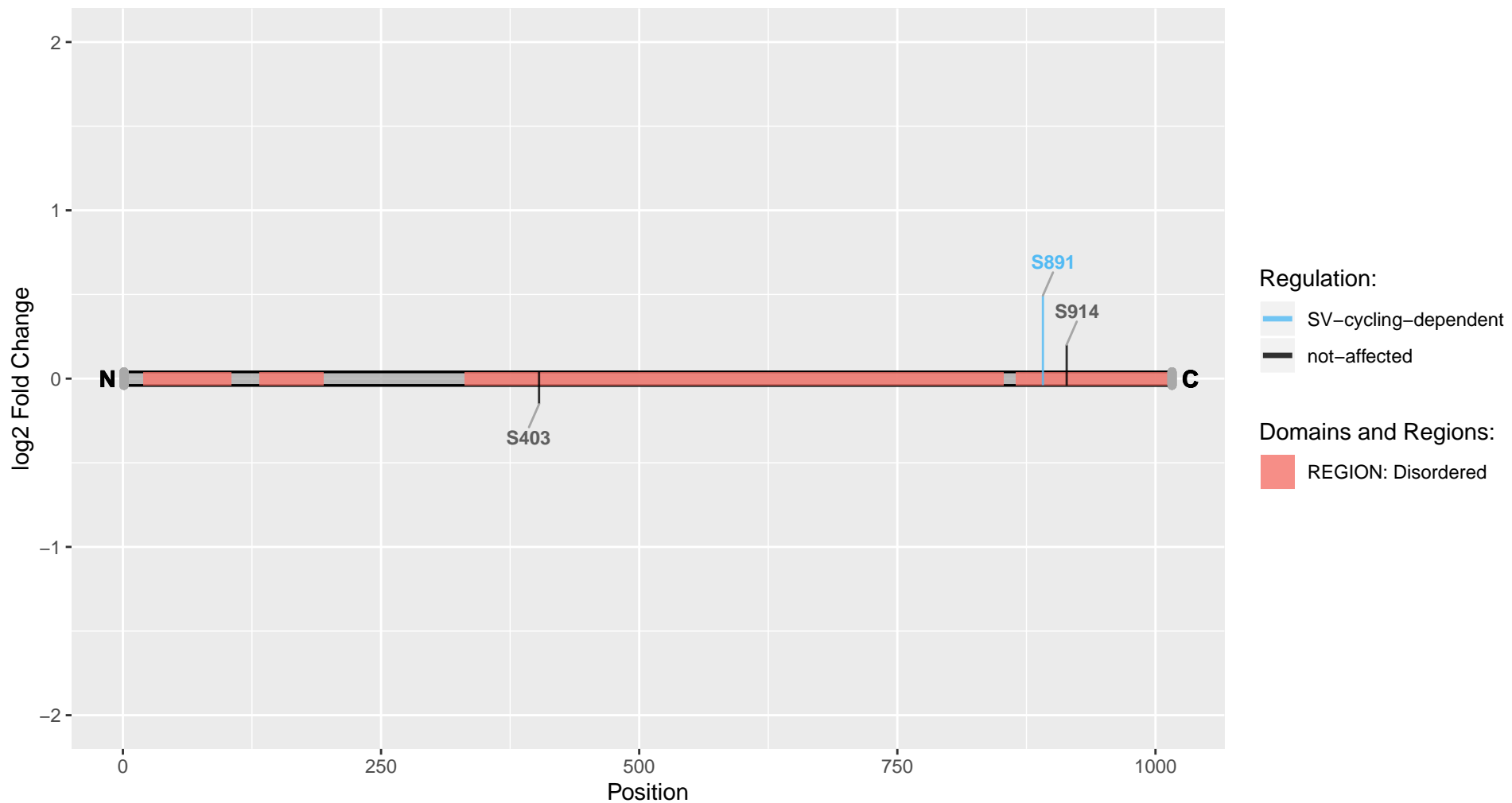
Similar to RIKEN cDNA 2310022B05



RGD1561149

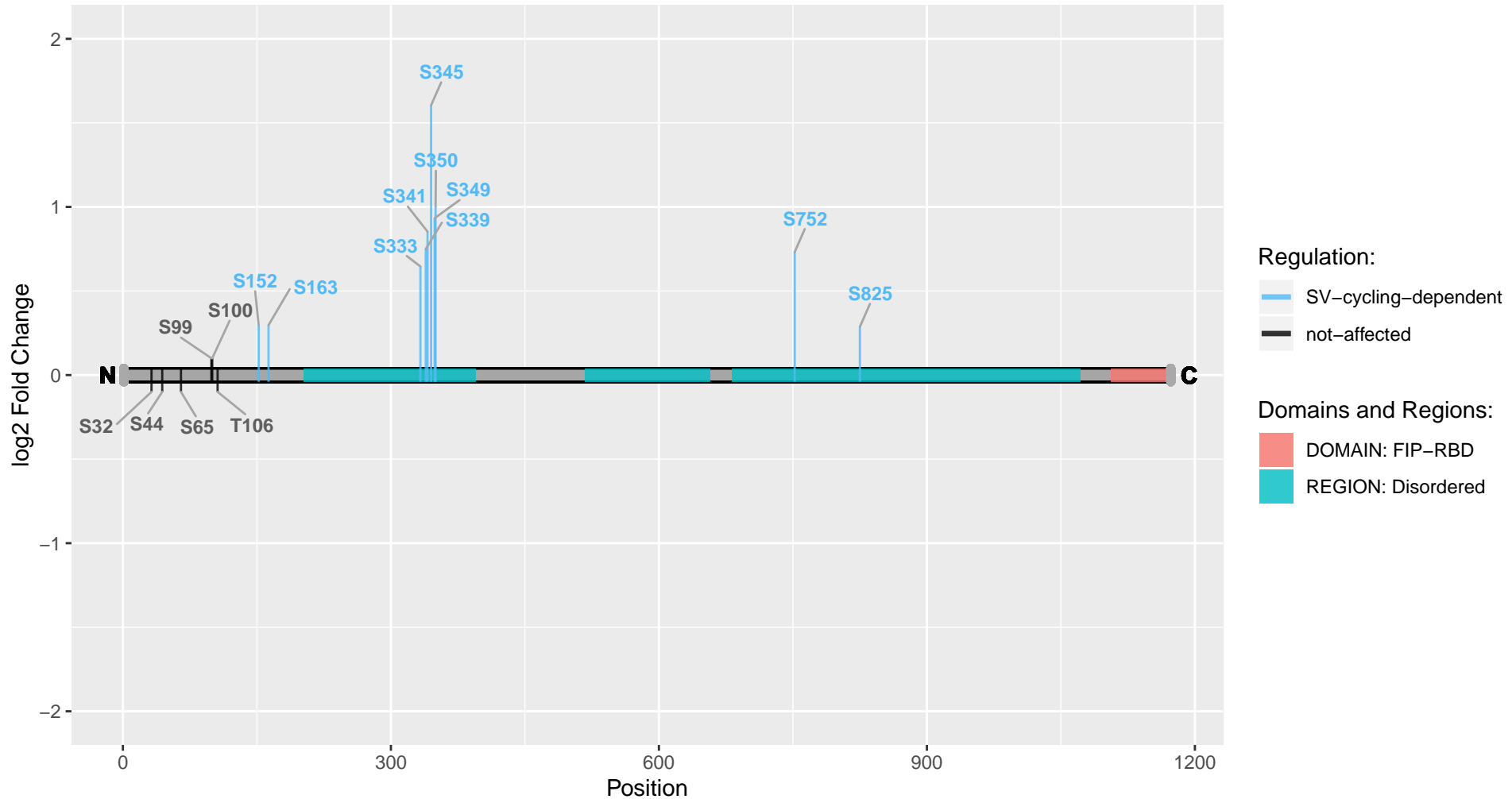
Uniprot Accession: D3ZQK5

Similar to mKIAA1522 protein



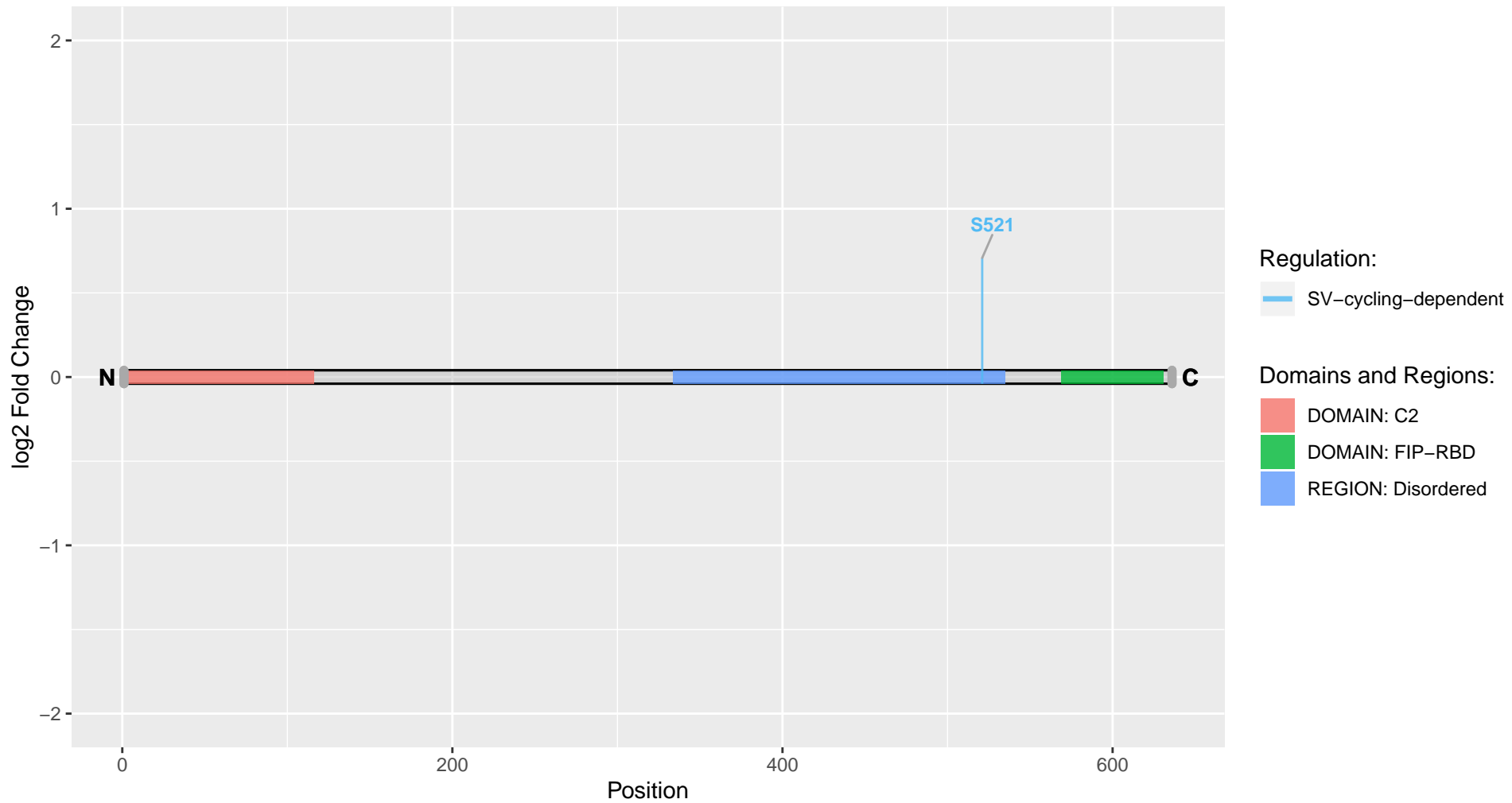
Rab11fip5

Uniprot Accession: A0A0G2K1W1
RAB11 family-interacting protein 5



Rab11fip5

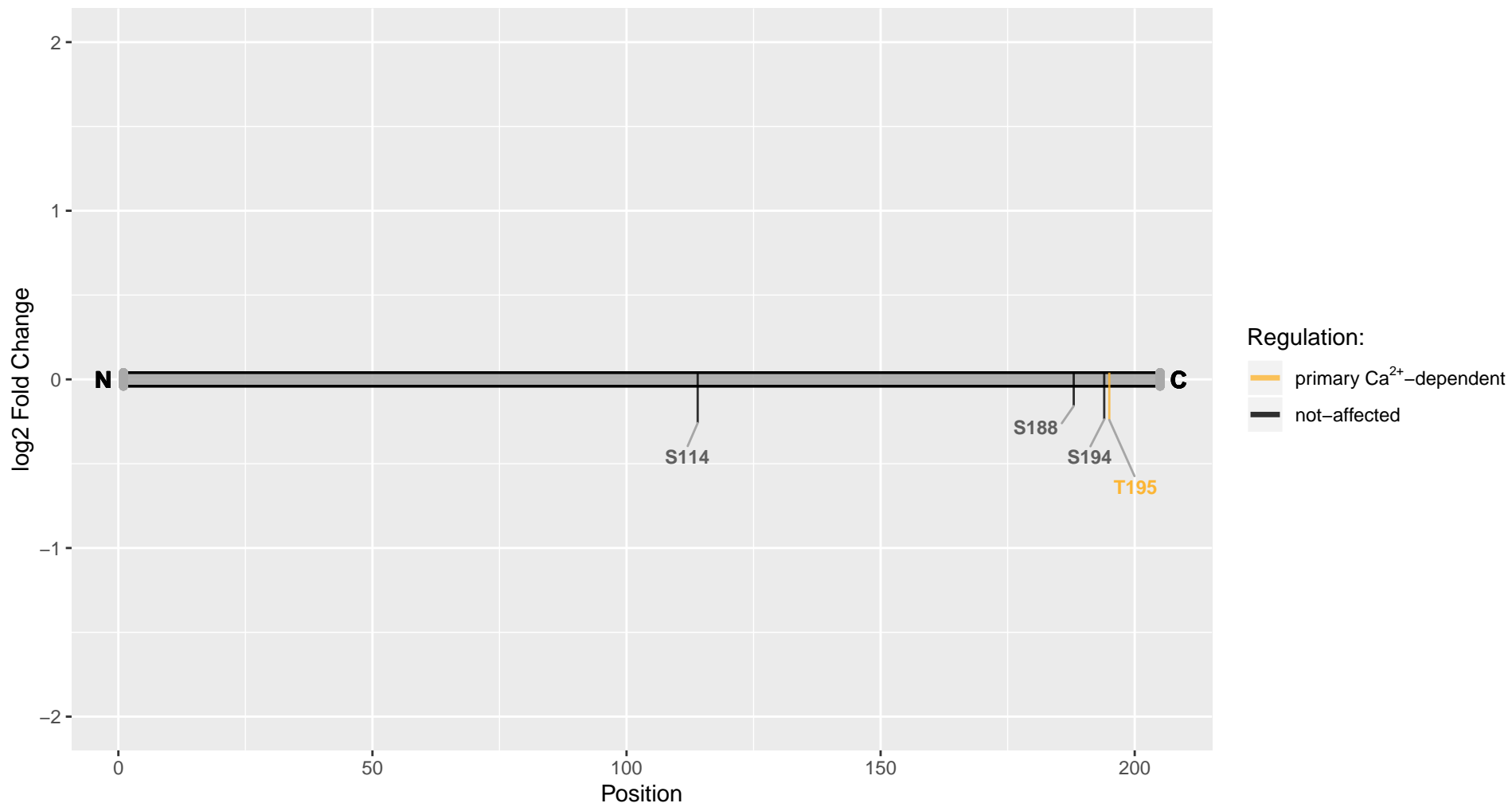
Uniprot Accession: A0A0G2K4A0
RAB11 family-interacting protein 5



Rab1A

Uniprot Accession: Q6NYB7

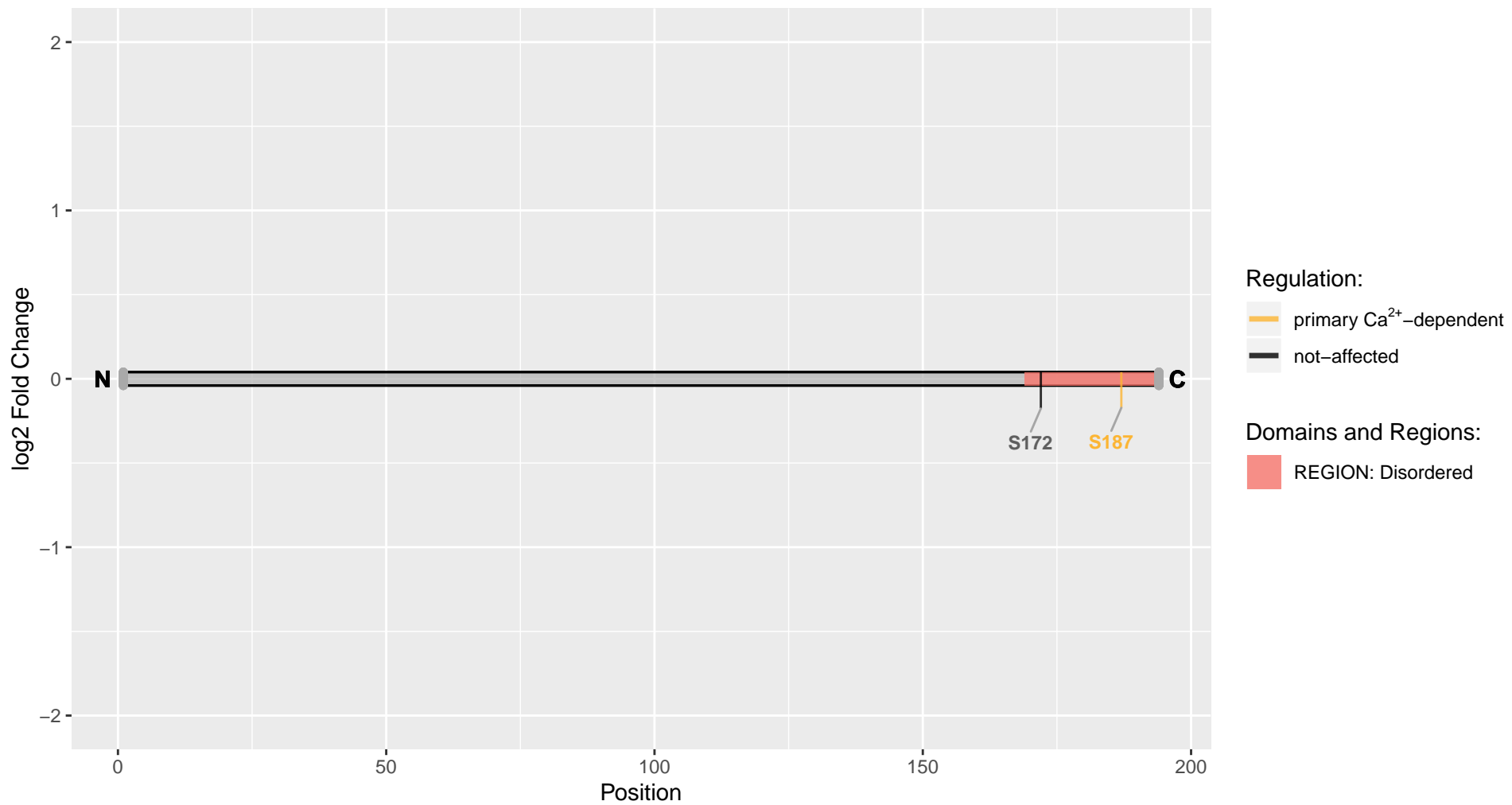
Ras-related protein Rab-1A



Rab22a

Uniprot Accession: B0BN19

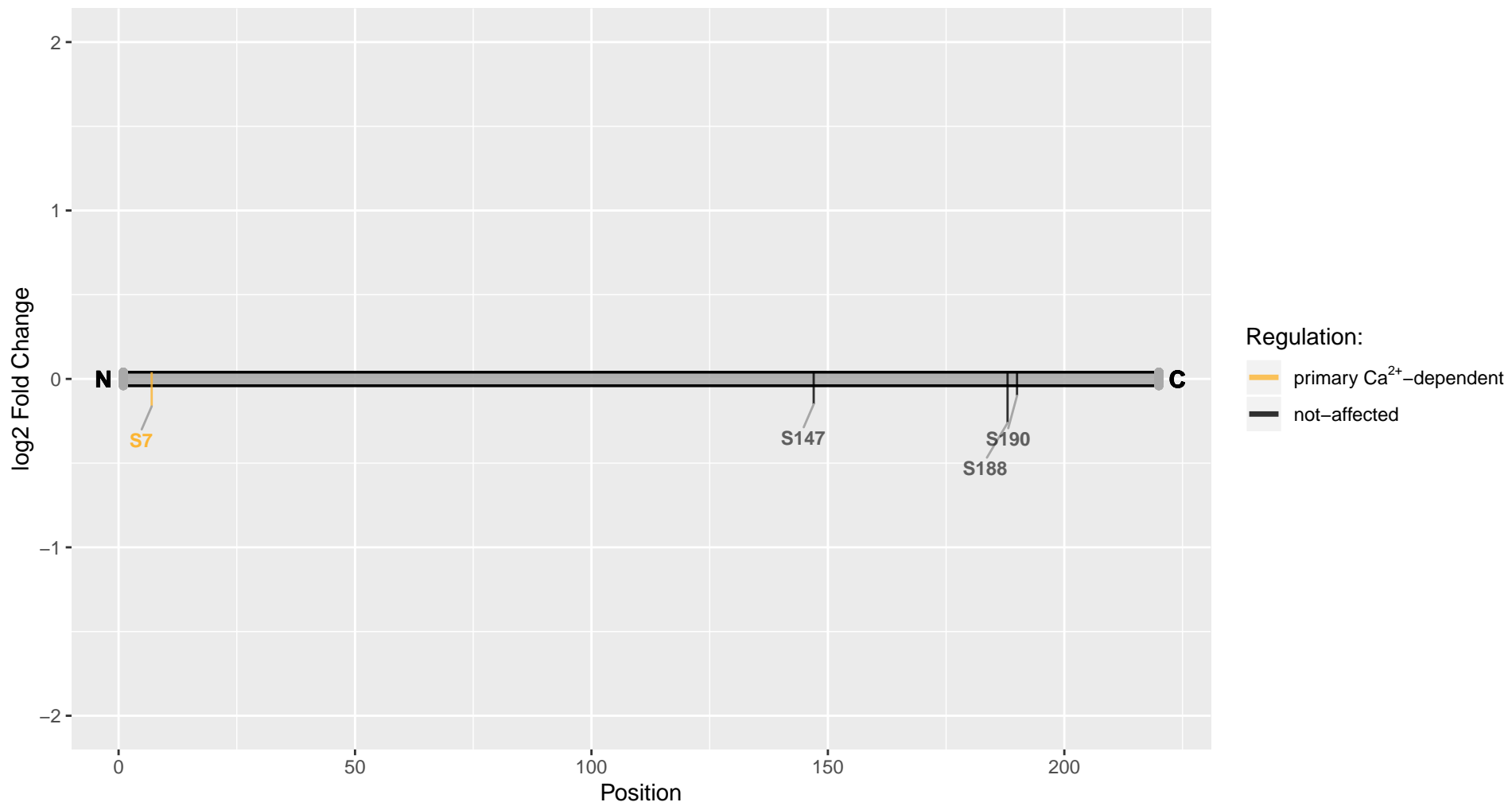
RAB22A, member RAS oncogene family



Rab3a

Uniprot Accession: P63012

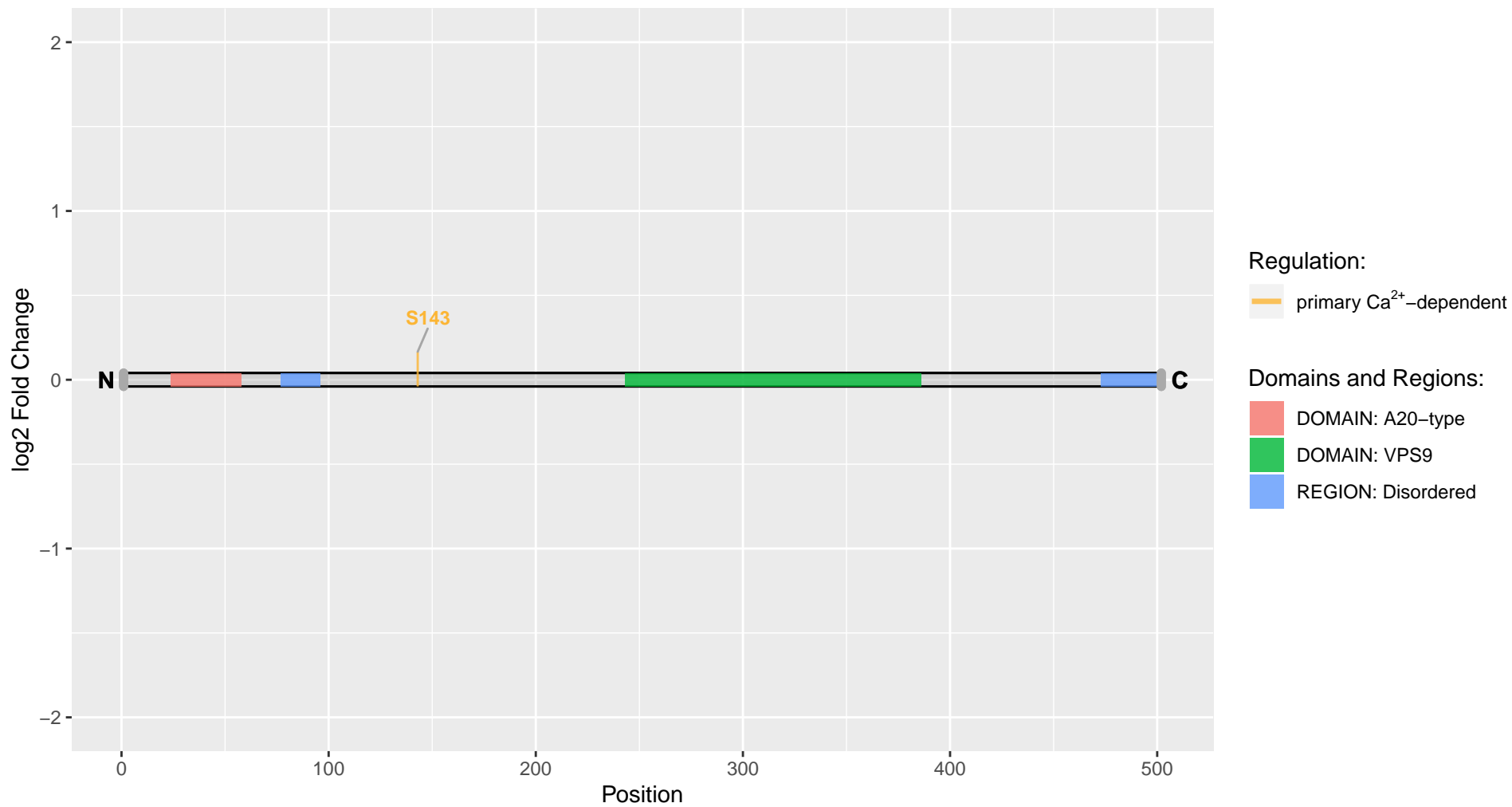
Ras-related protein Rab-3A



Rabgef1

Uniprot Accession: G3V631

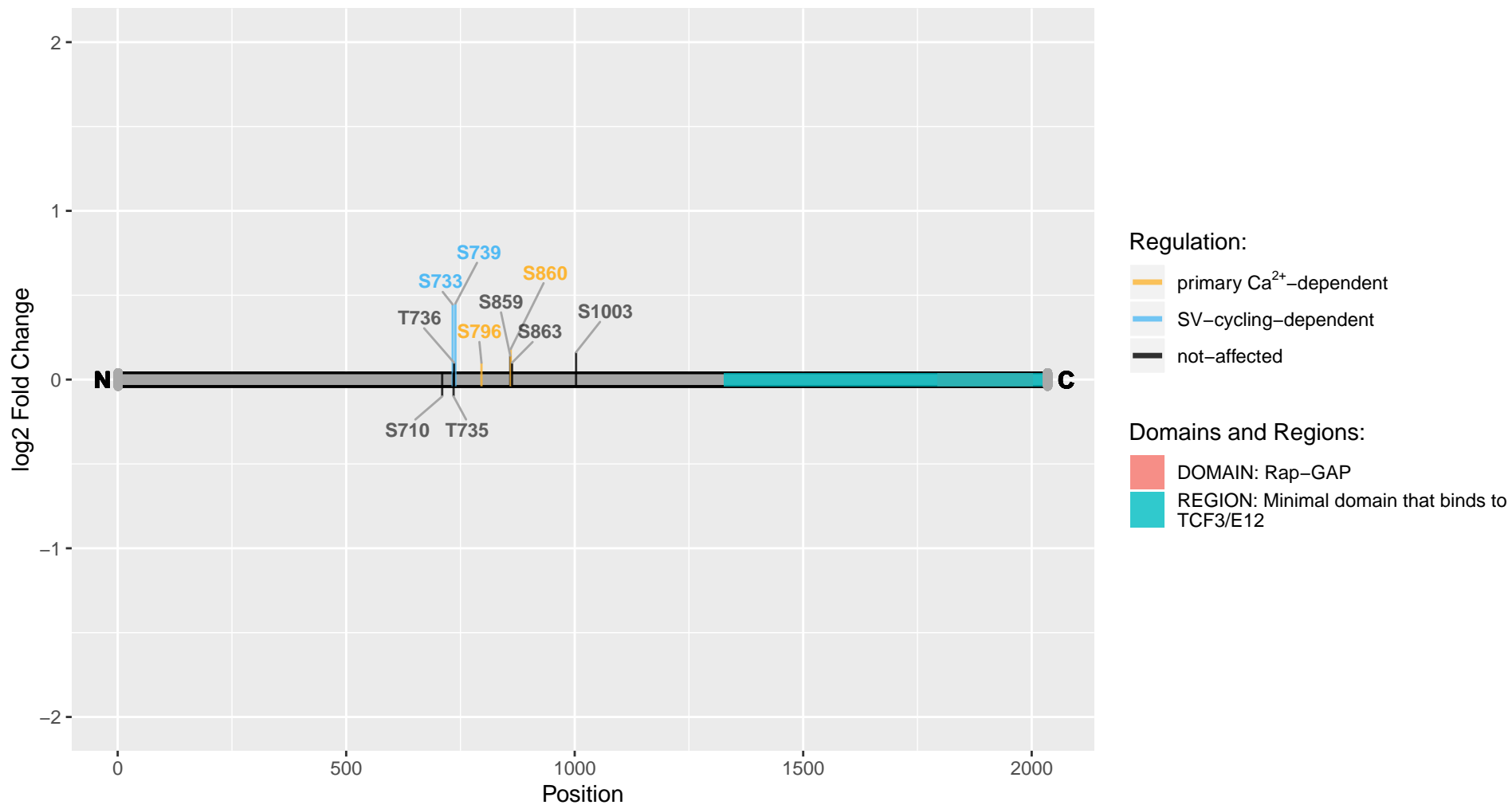
RAB guanine nucleotide exchange factor (GEF) 1 (Predicted), isoform CRA_a



Ralgapa1

Uniprot Accession: O55007

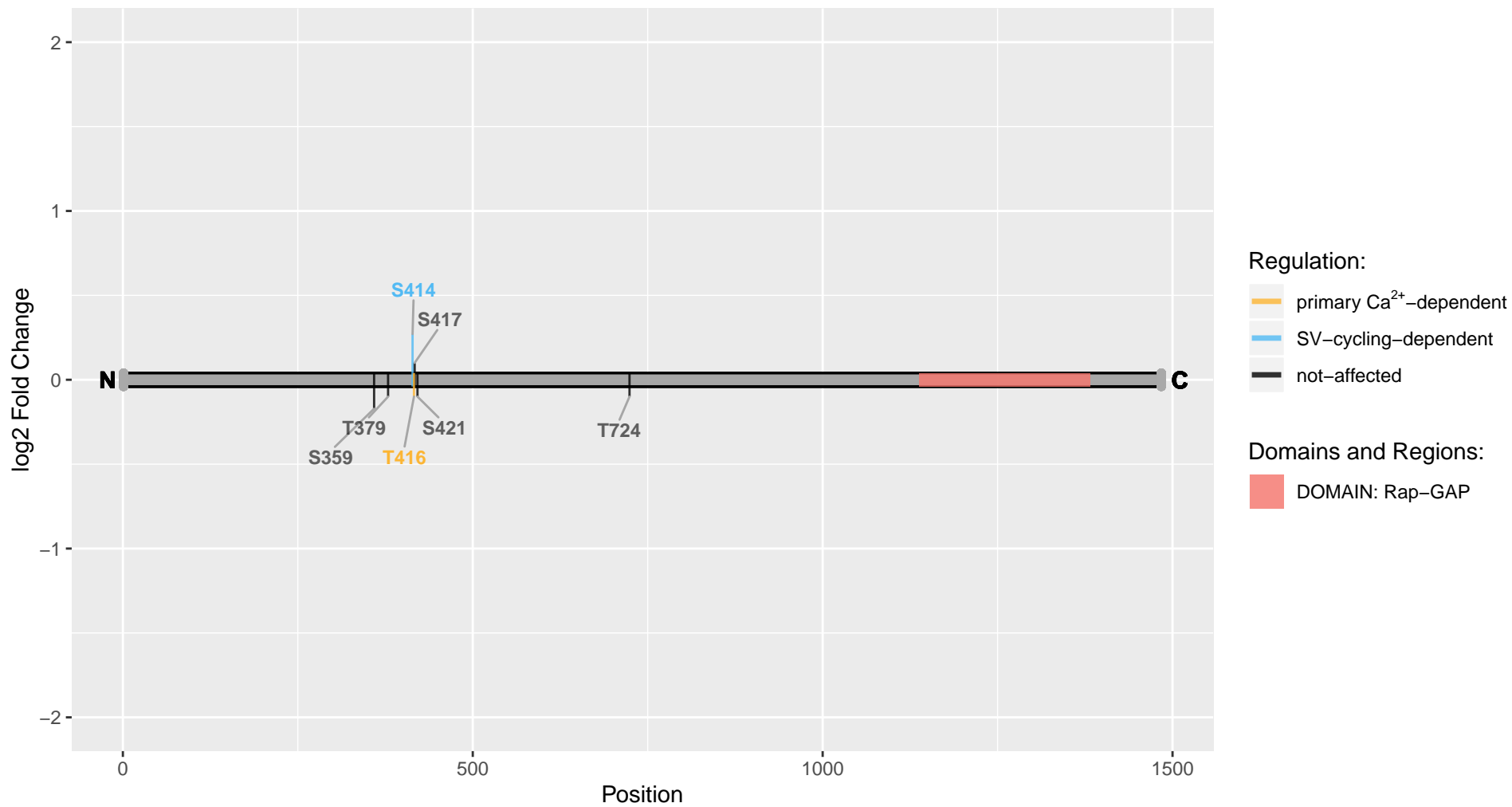
Ral GTPase-activating protein subunit alpha-1



Ralgapb

Uniprot Accession: P86410

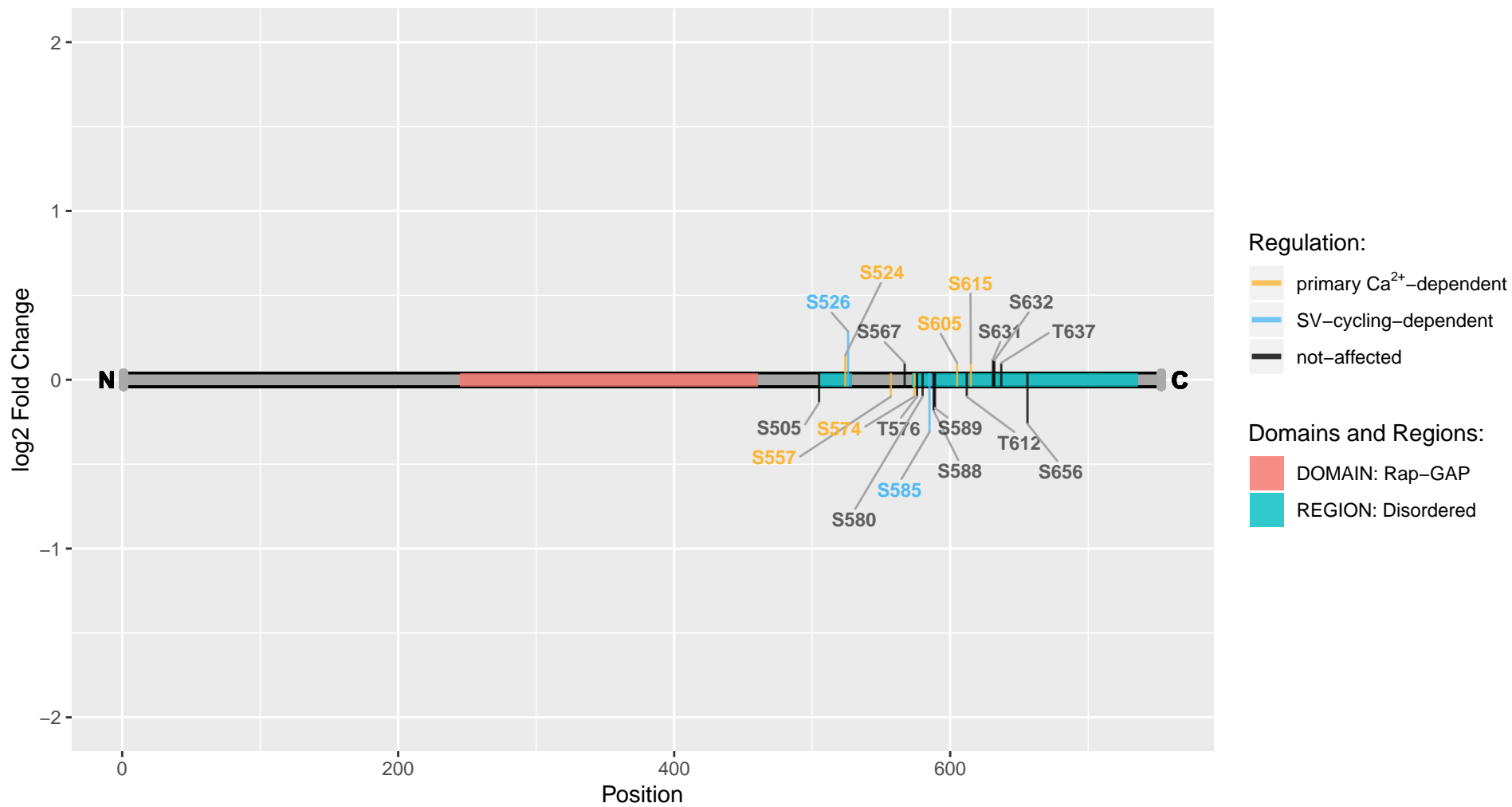
Ral GTPase-activating protein subunit beta



Rap1gap

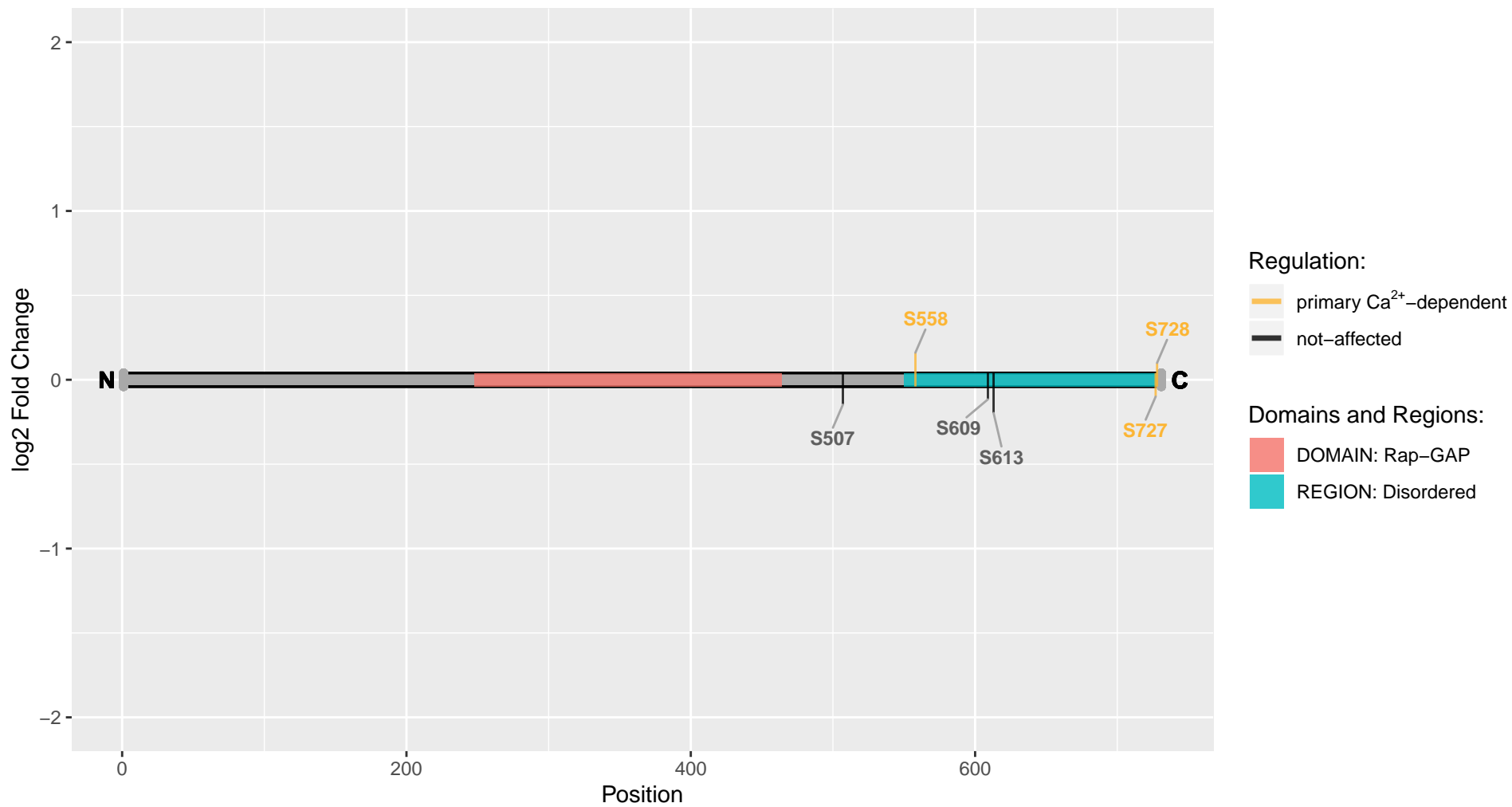
Uniprot Accession: F1LV89

Rap1 GTPase-activating protein



Rap1gap2

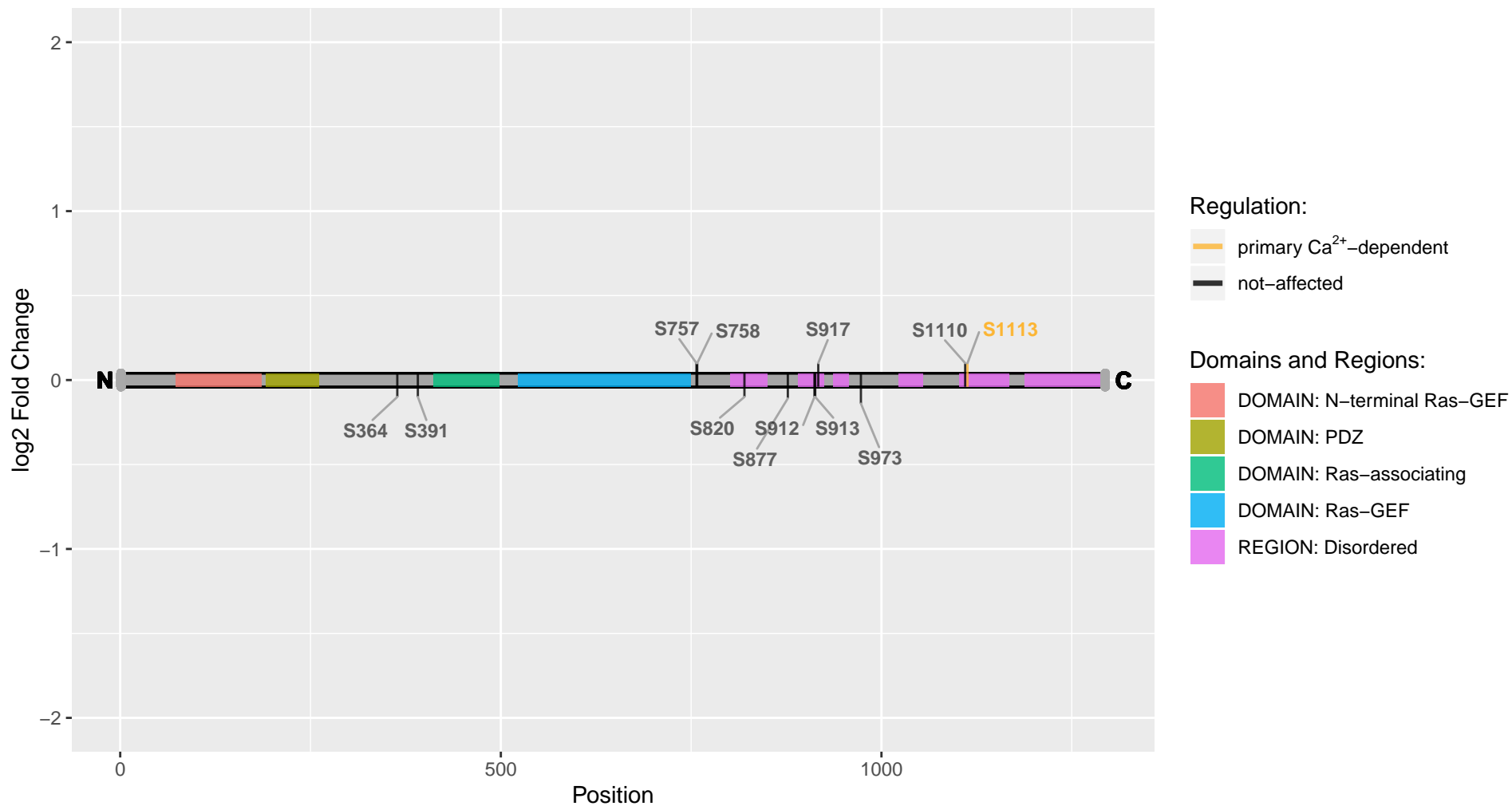
Uniprot Accession: A0A0G2K0S7
RAP1 GTPase-activating protein 2



Rapgef2

Uniprot Accession: A0A0A0MP77

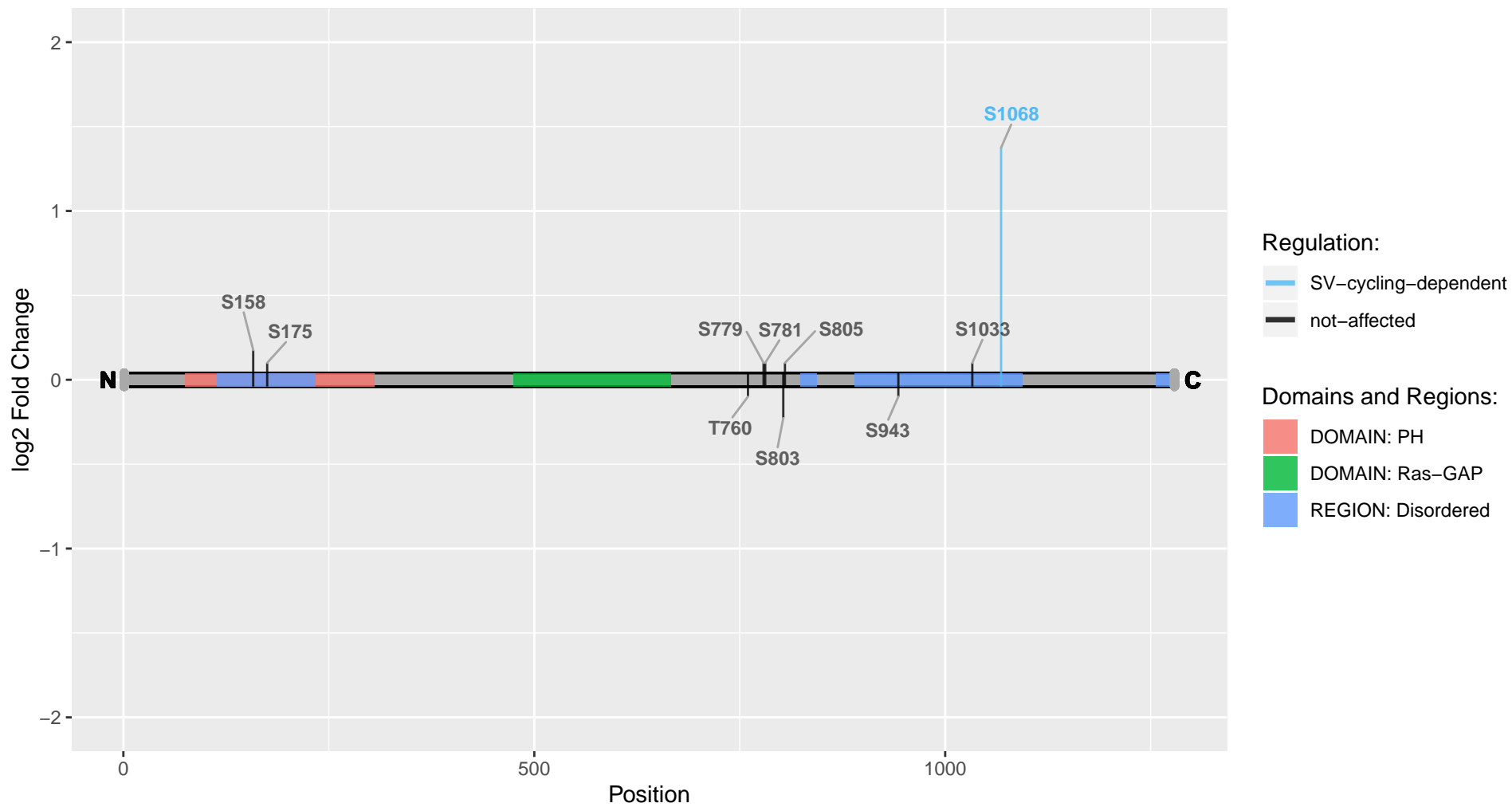
Rap guanine nucleotide exchange factor 2



Rasal2

Uniprot Accession: A0A0G2JTA7

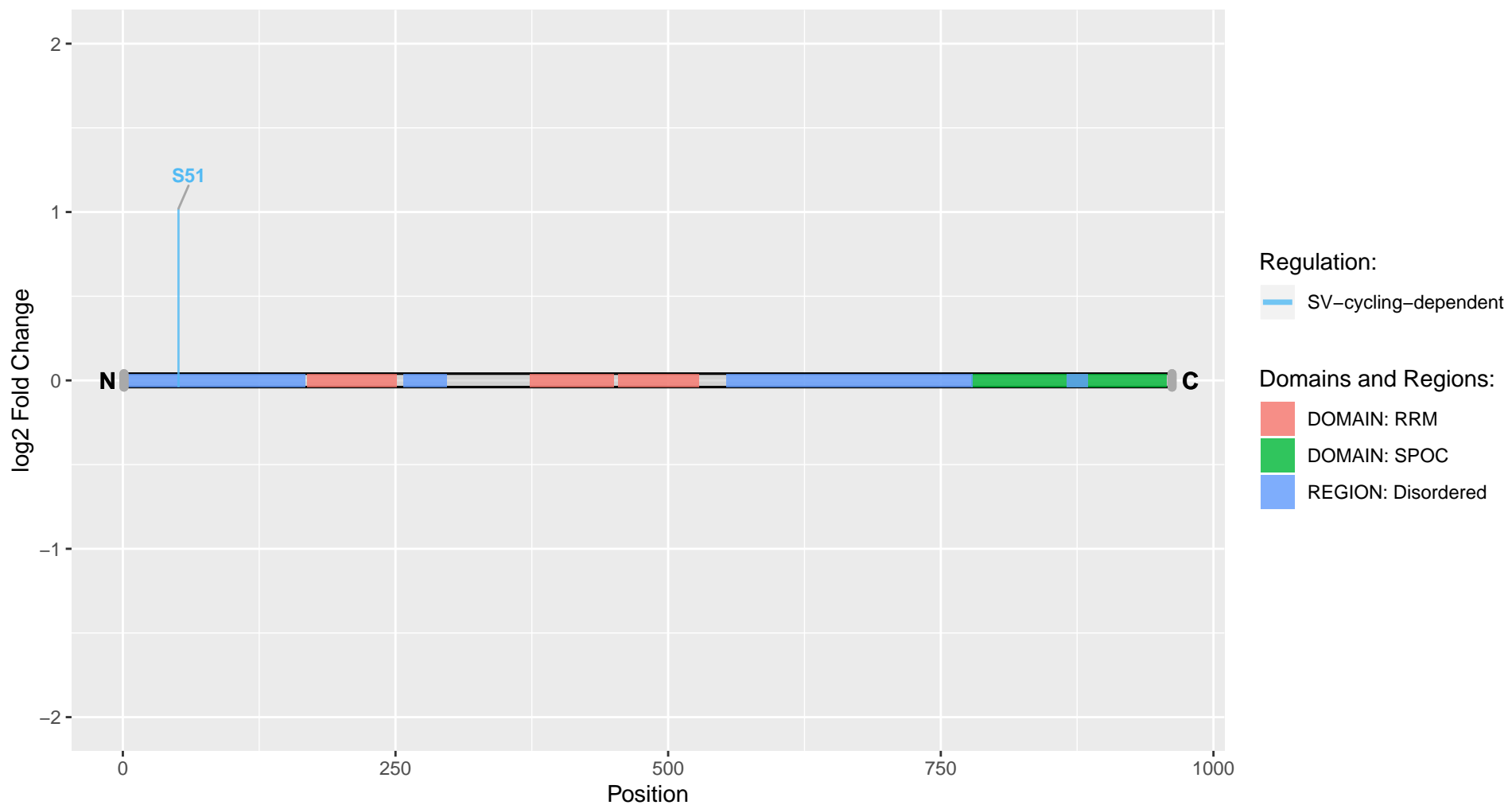
RAS protein activator-like 2



Rbm15

Uniprot Accession: M0R3Z8

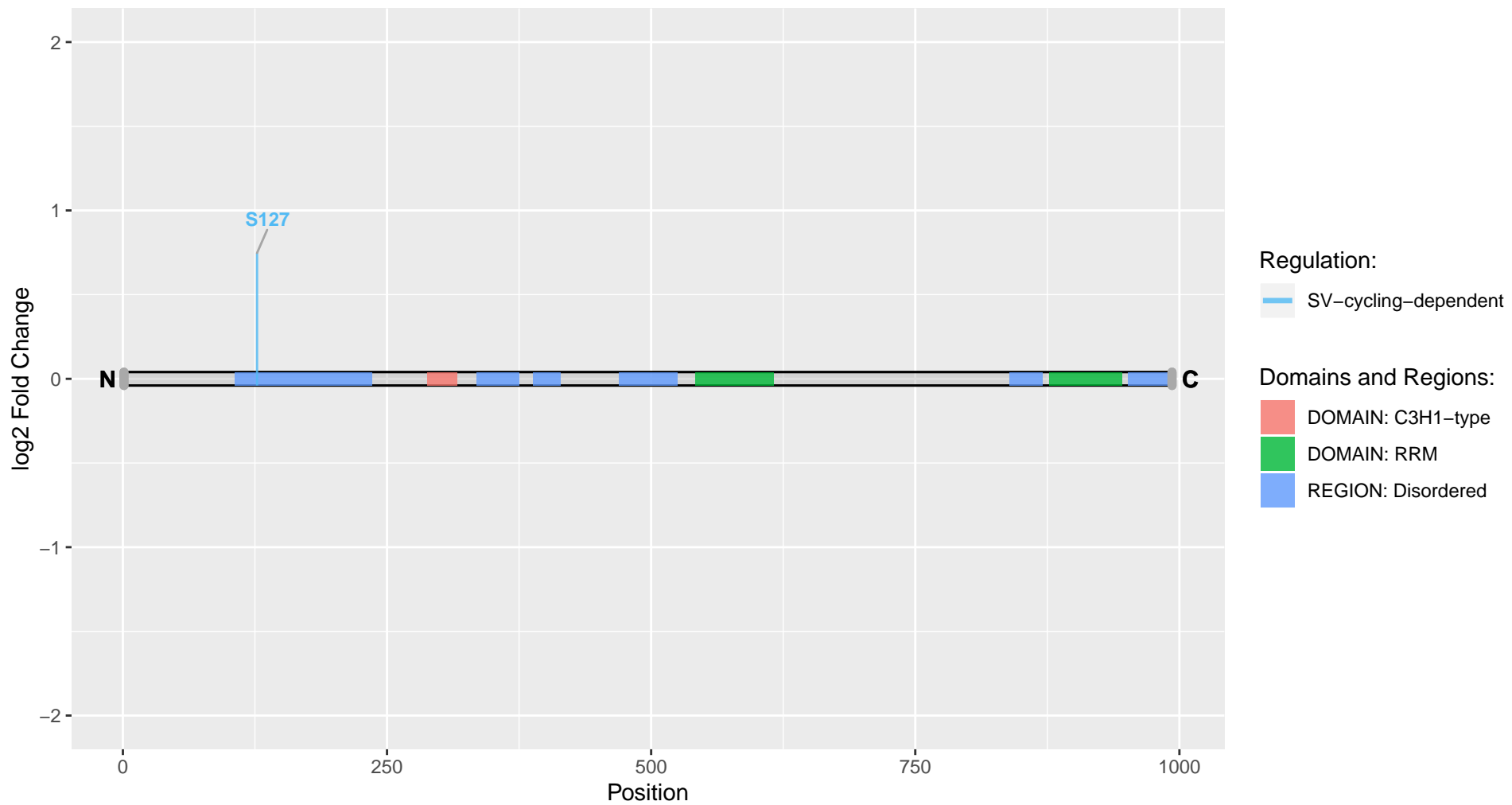
RCG28930, isoform CRA_b



Rbm26

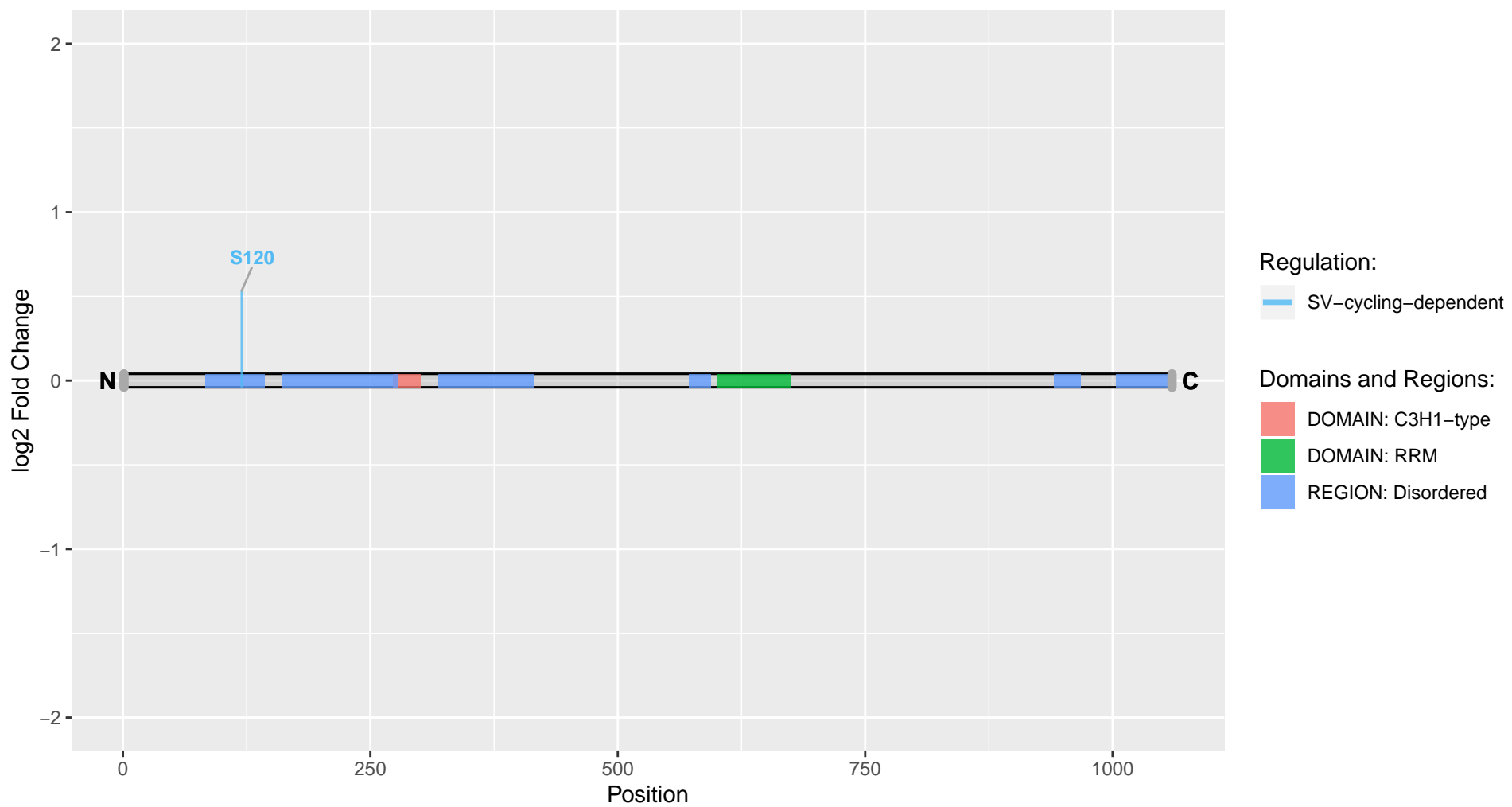
Uniprot Accession: D3ZRC3

RNA-binding motif protein 26



Rbm27

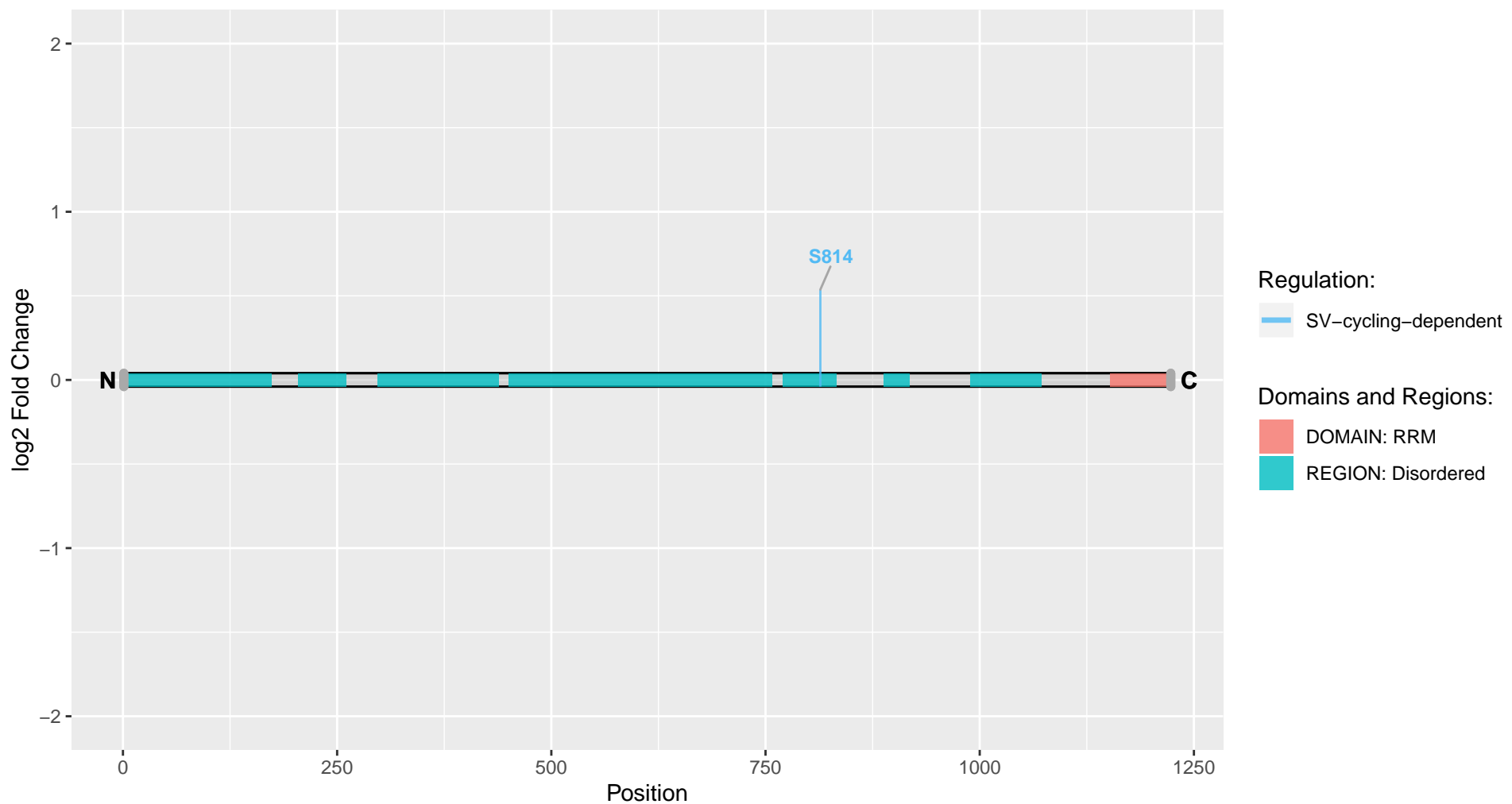
Uniprot Accession: F1M1R4
RNA-binding motif protein 27



Rbm33

Uniprot Accession: D3ZTA8

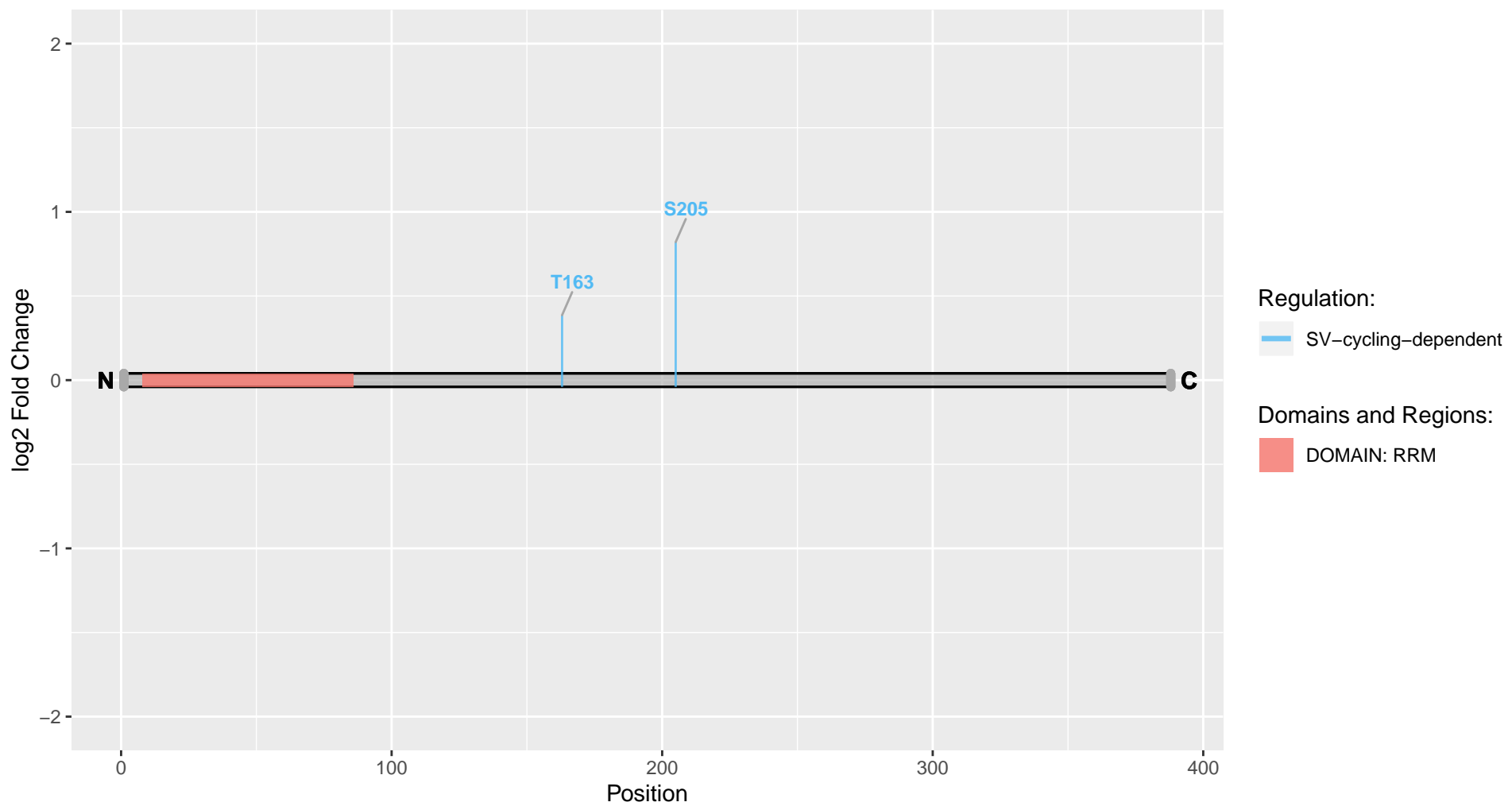
RNA-binding motif protein 33



Rbmxrt1

Uniprot Accession: P84586

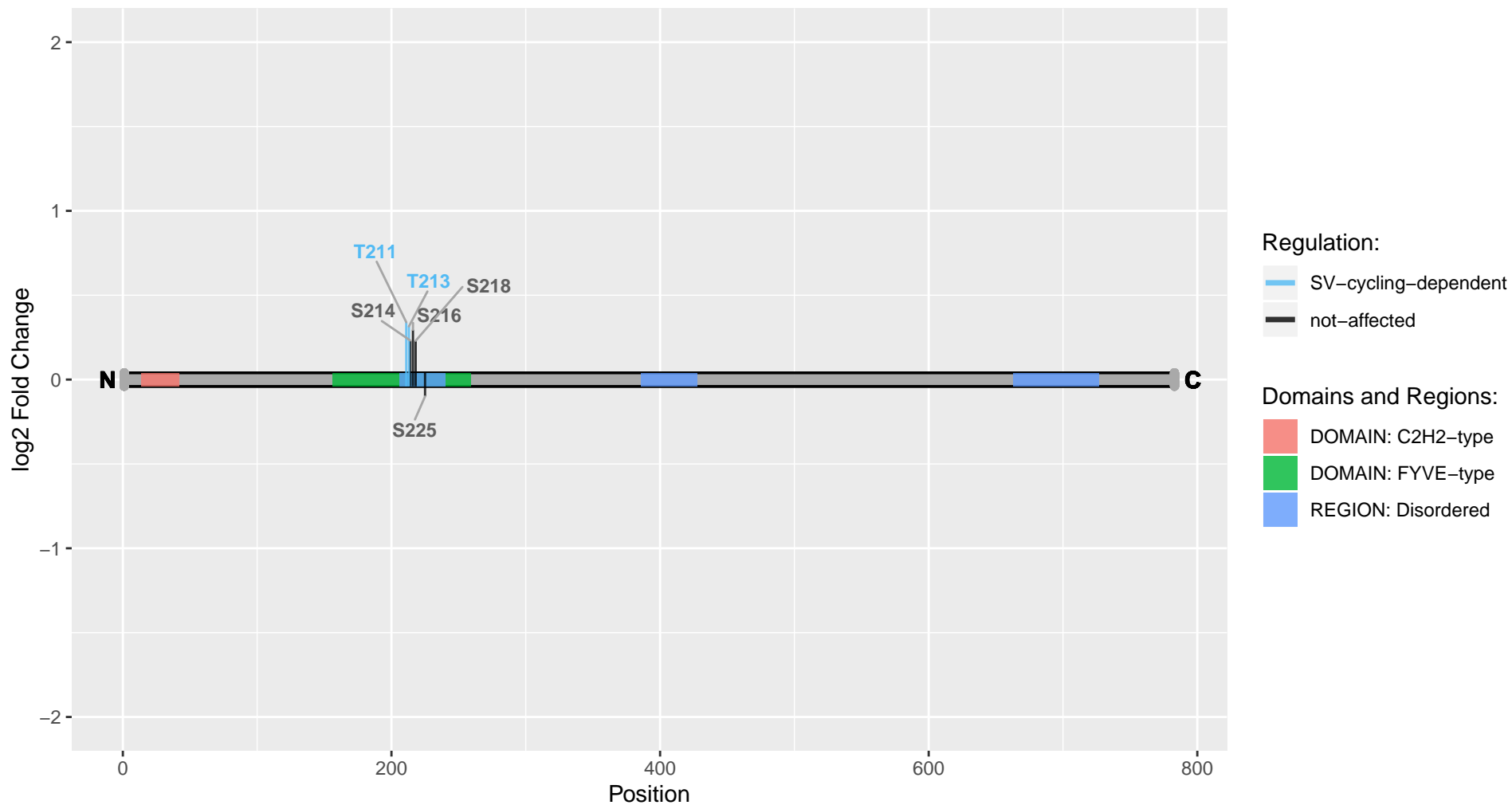
RNA-binding motif protein, X chromosome retrogene-like



Rbsn

Uniprot Accession: D3ZL11

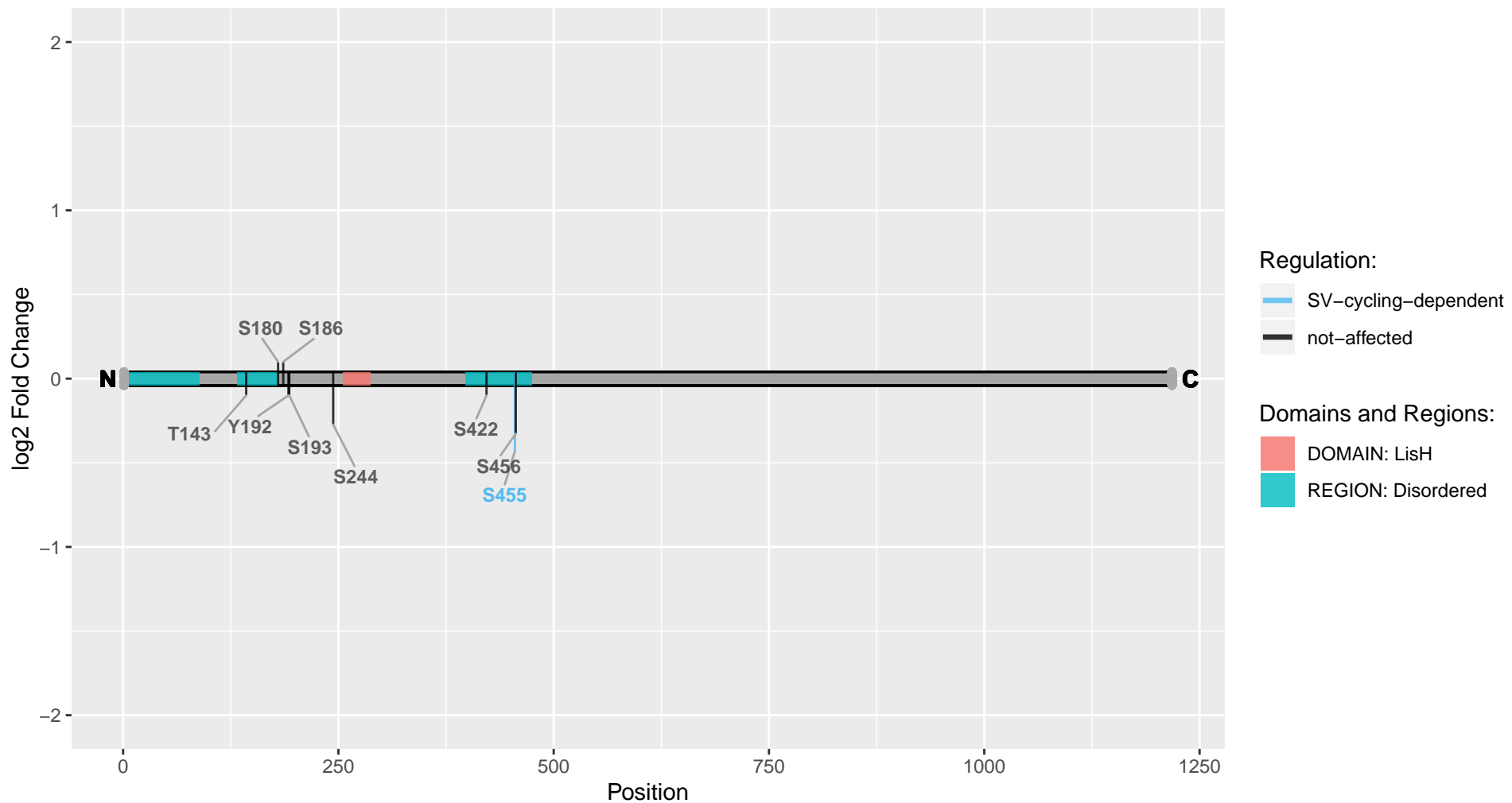
Rabenosyn, RAB effector



Relch

Uniprot Accession: D3ZJ01

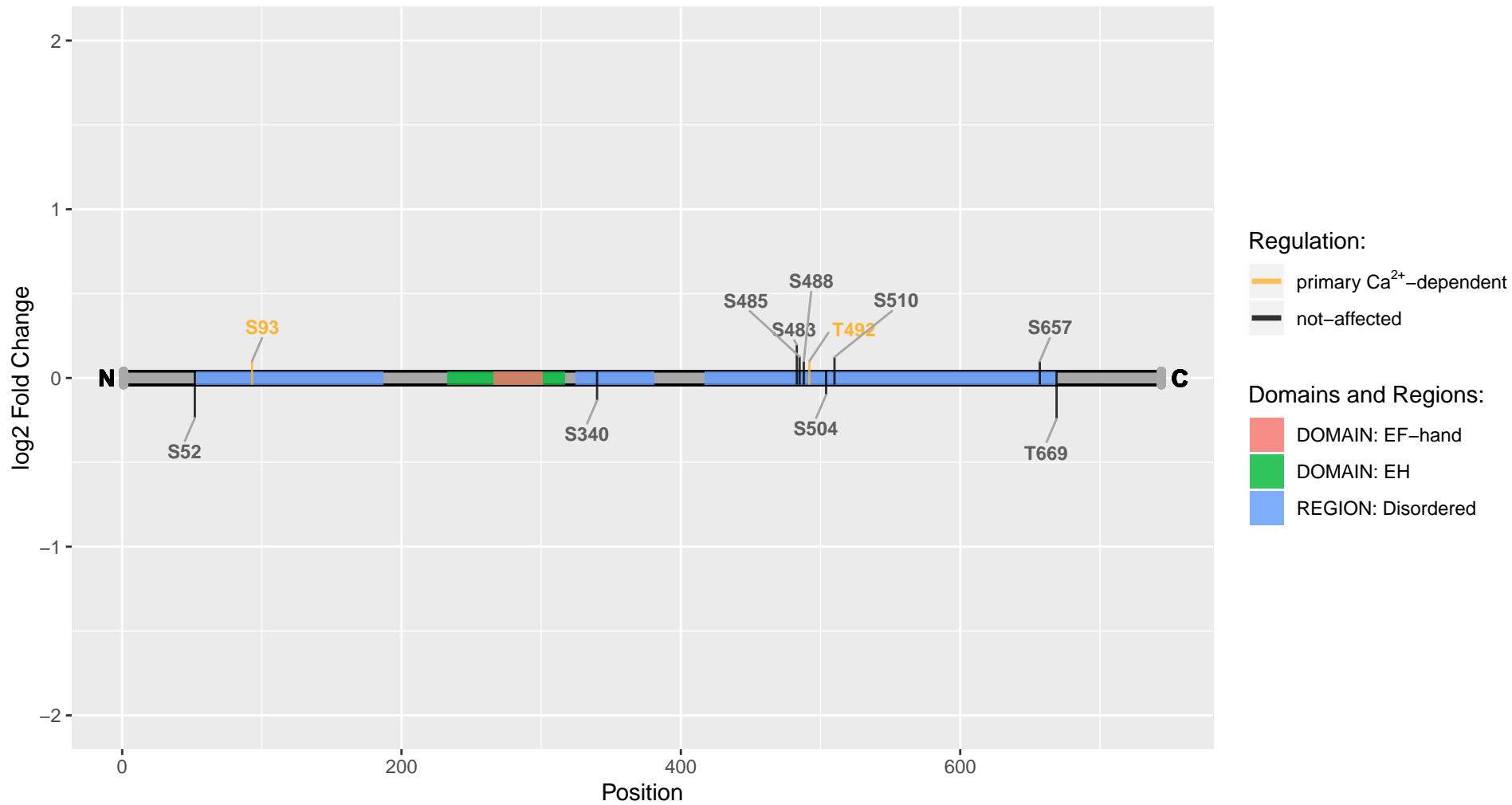
RAB11-binding and LisH domain, coiled-coil and HEAT repeat-containing



Reps1

Uniprot Accession: A0A0G2JZY3

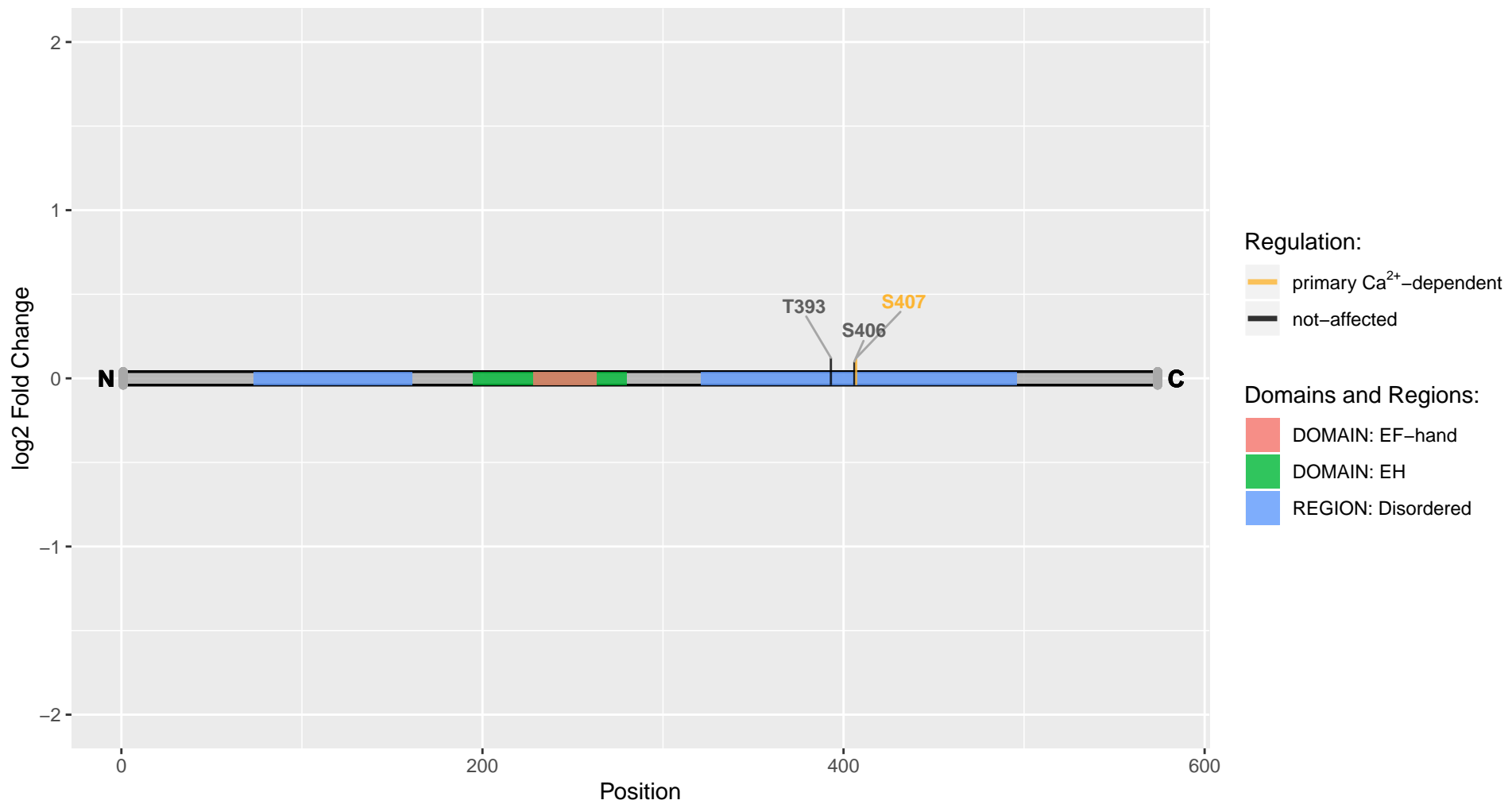
RALBP1-associated Eps domain-containing 1



Reps2

Uniprot Accession: A0A0G2K1L4

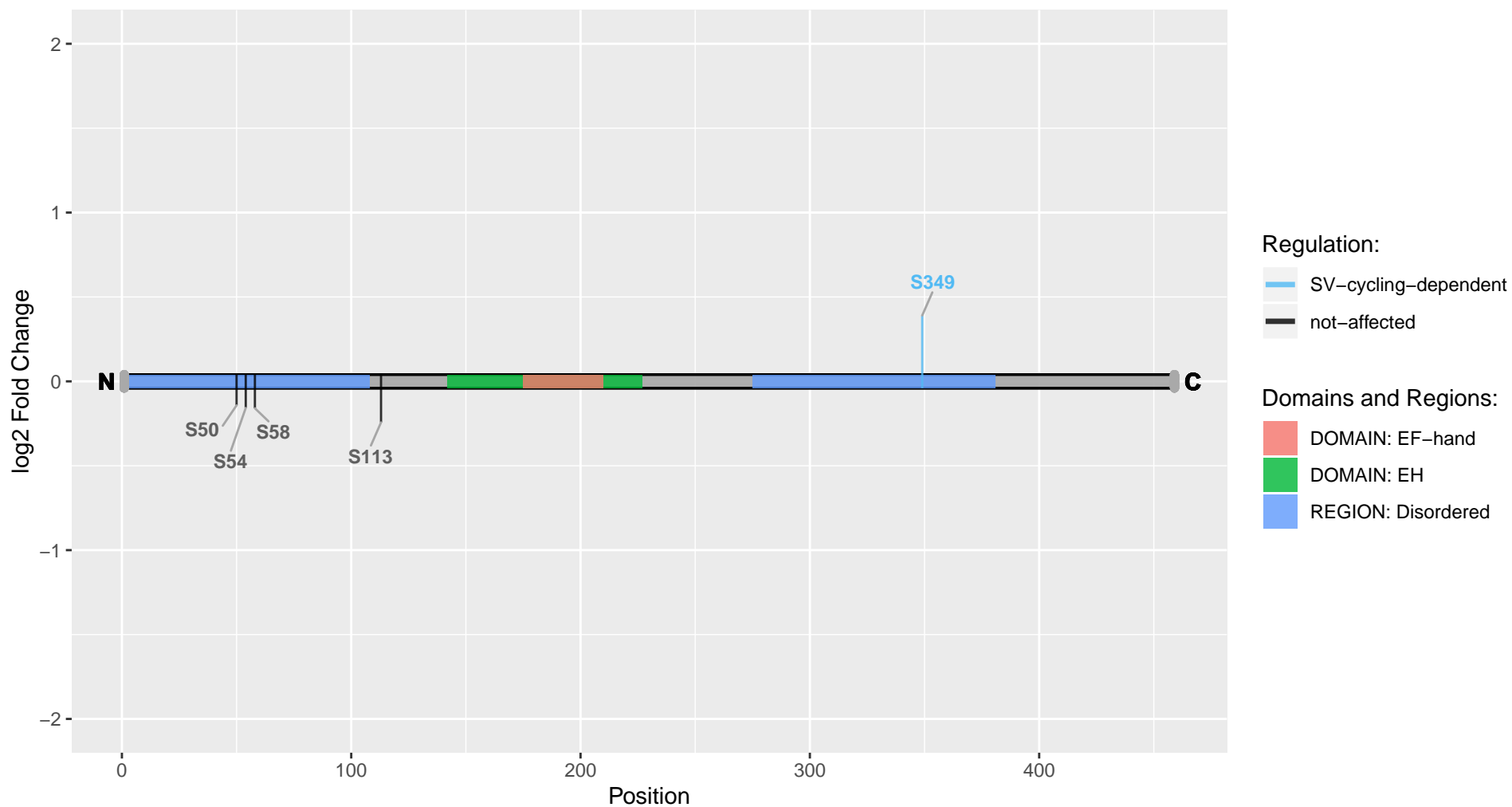
RALBP1 associated Eps domain containing protein 2



Reps2

Uniprot Accession: A0A0G2K285

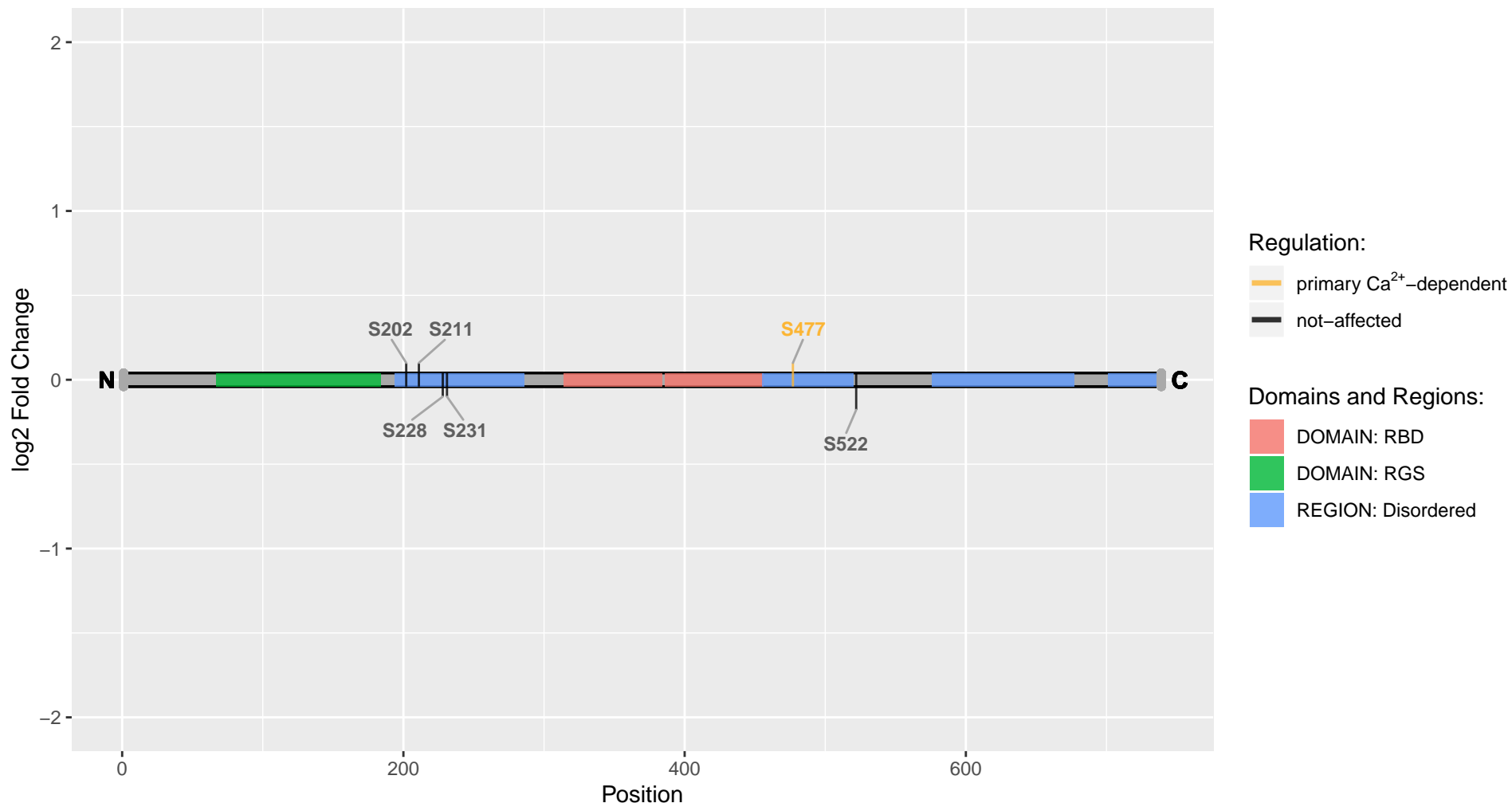
RALBP1 associated Eps domain containing protein 2



Rgs12

Uniprot Accession: A0A0G2K326

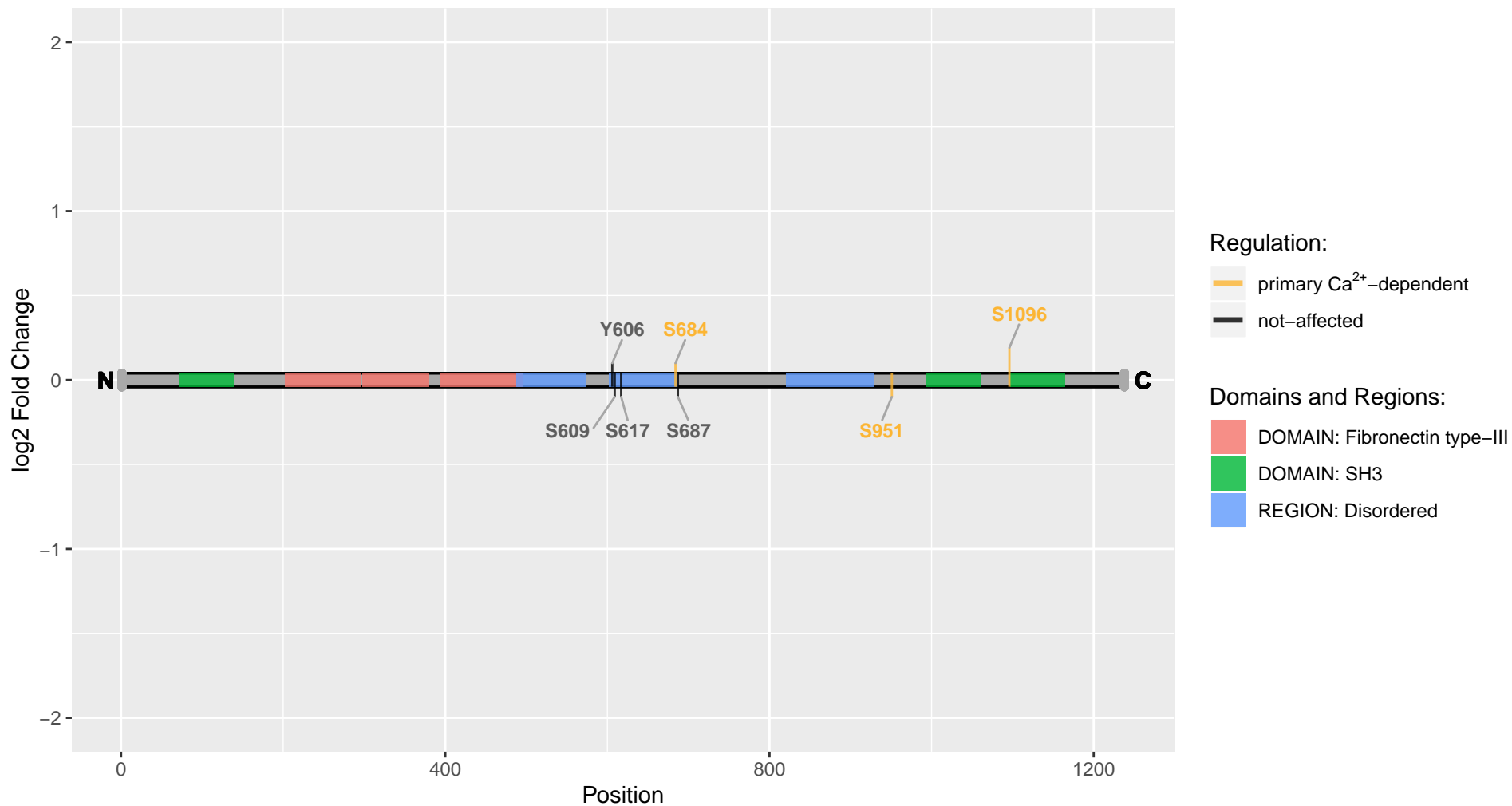
Regulator of G-protein signaling 12, isoform CRA_b



Rimbp2

Uniprot Accession: A0A0G2K4J8

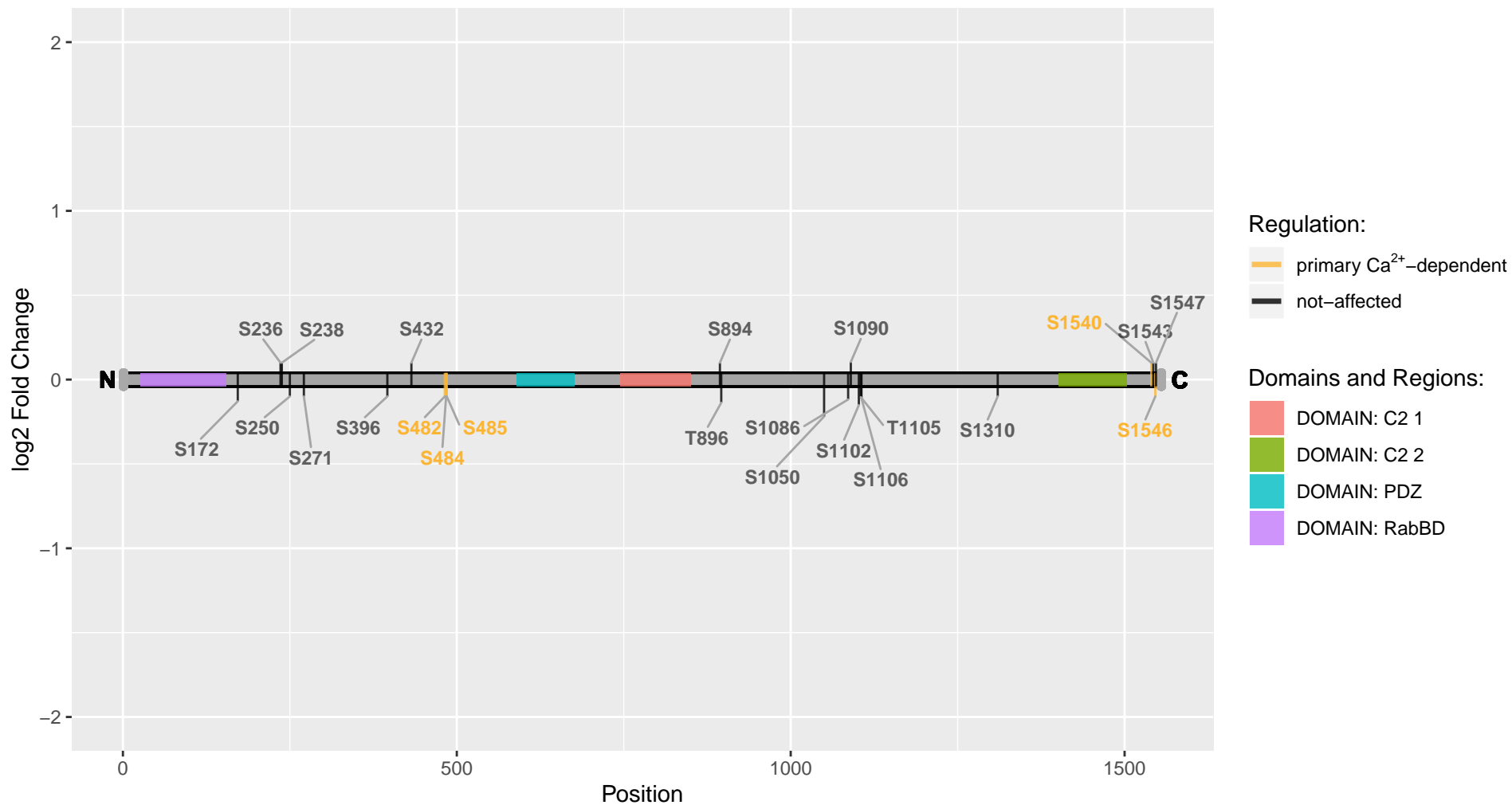
RIMS-binding protein 2



Rims2

Uniprot Accession: Q9JIS1

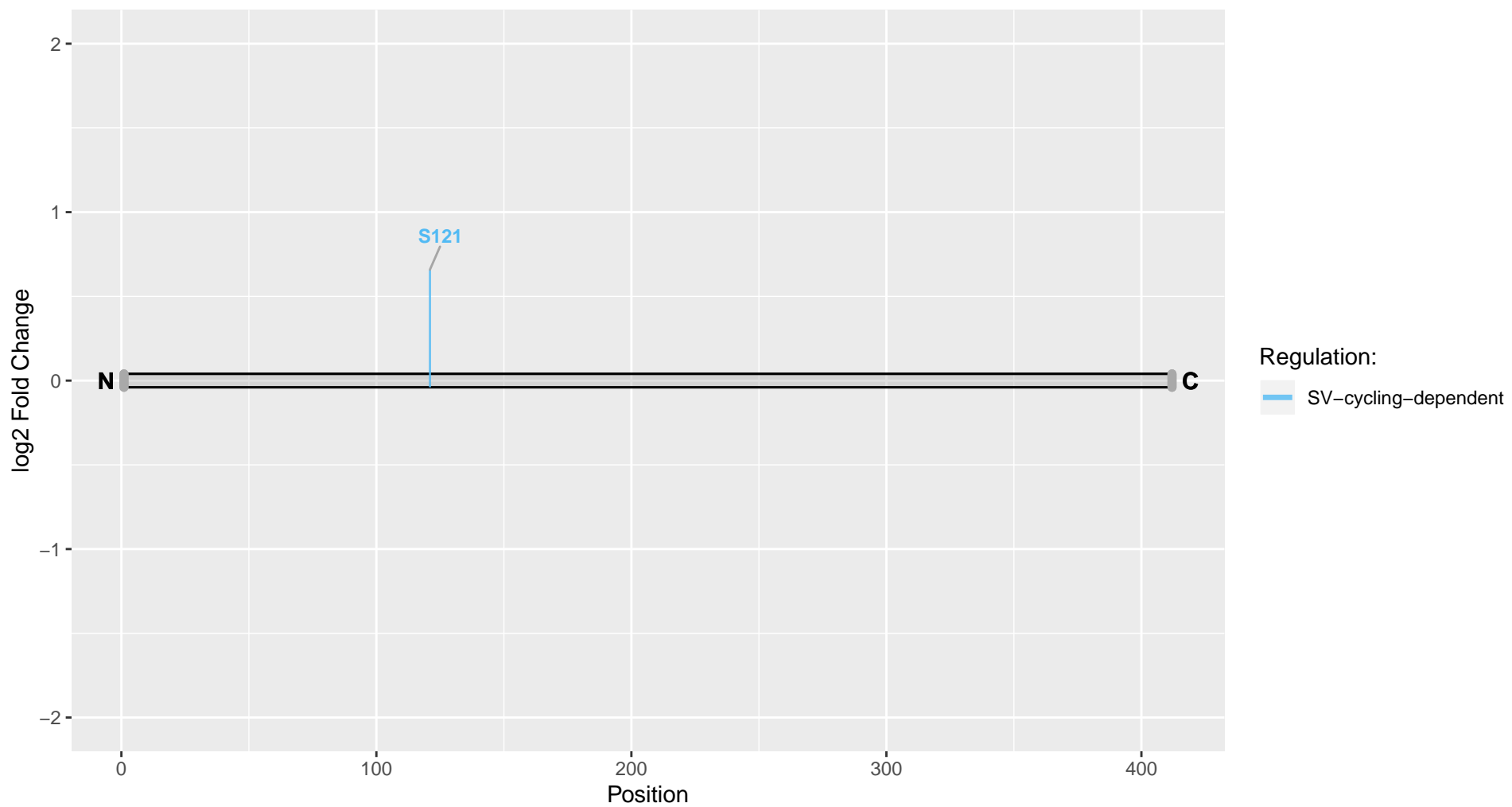
Regulating synaptic membrane exocytosis protein 2



Rmdn2

Uniprot Accession: Q498D5

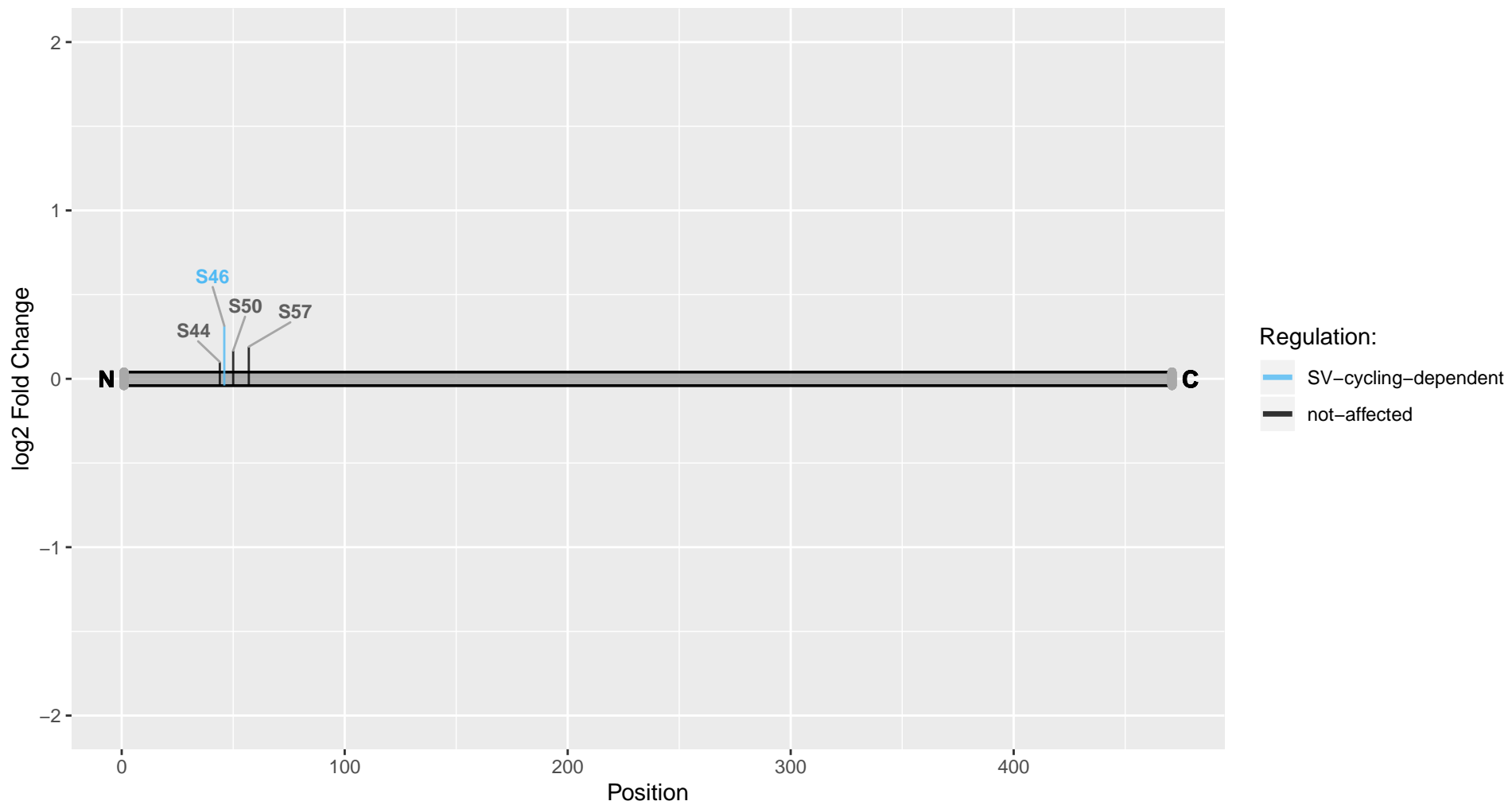
Regulator of microtubule dynamics protein 2



Rmdn3

Uniprot Accession: Q66H15

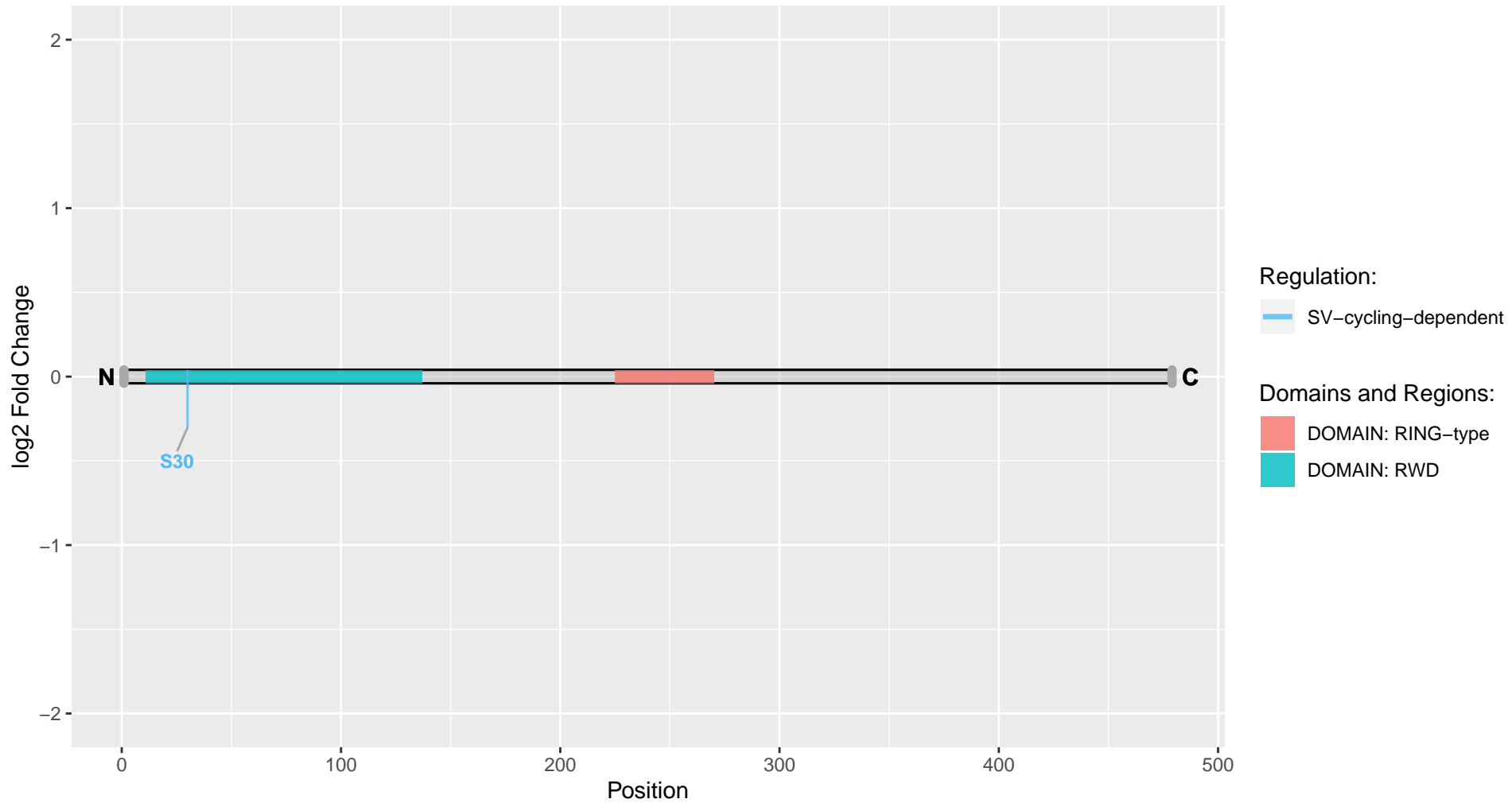
Regulator of microtubule dynamics protein 3



Rnf14

Uniprot Accession: Q3ZAU6

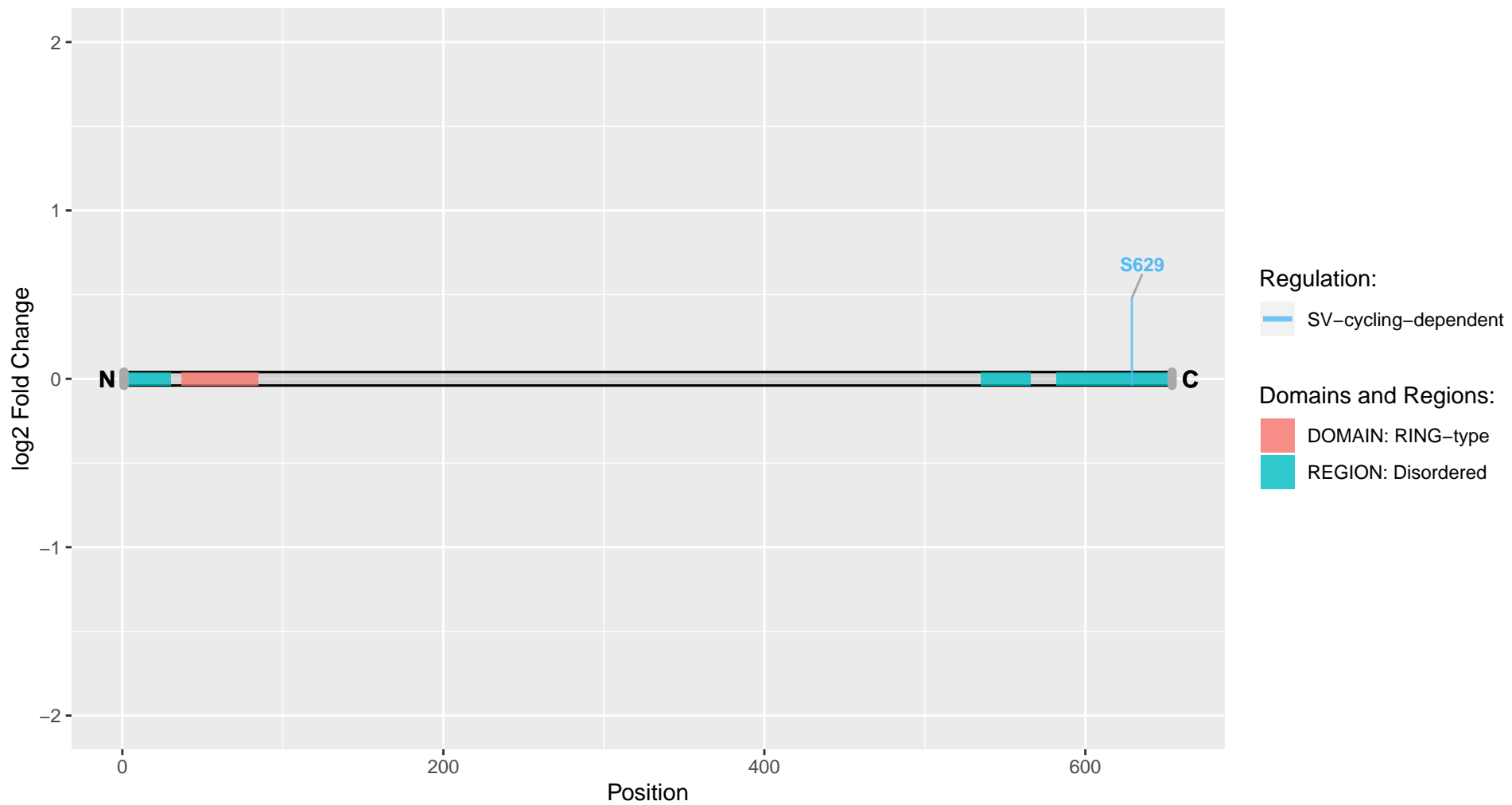
RBR-type E3 ubiquitin transferase



Rnf19b

Uniprot Accession: A0A0G2K6H9

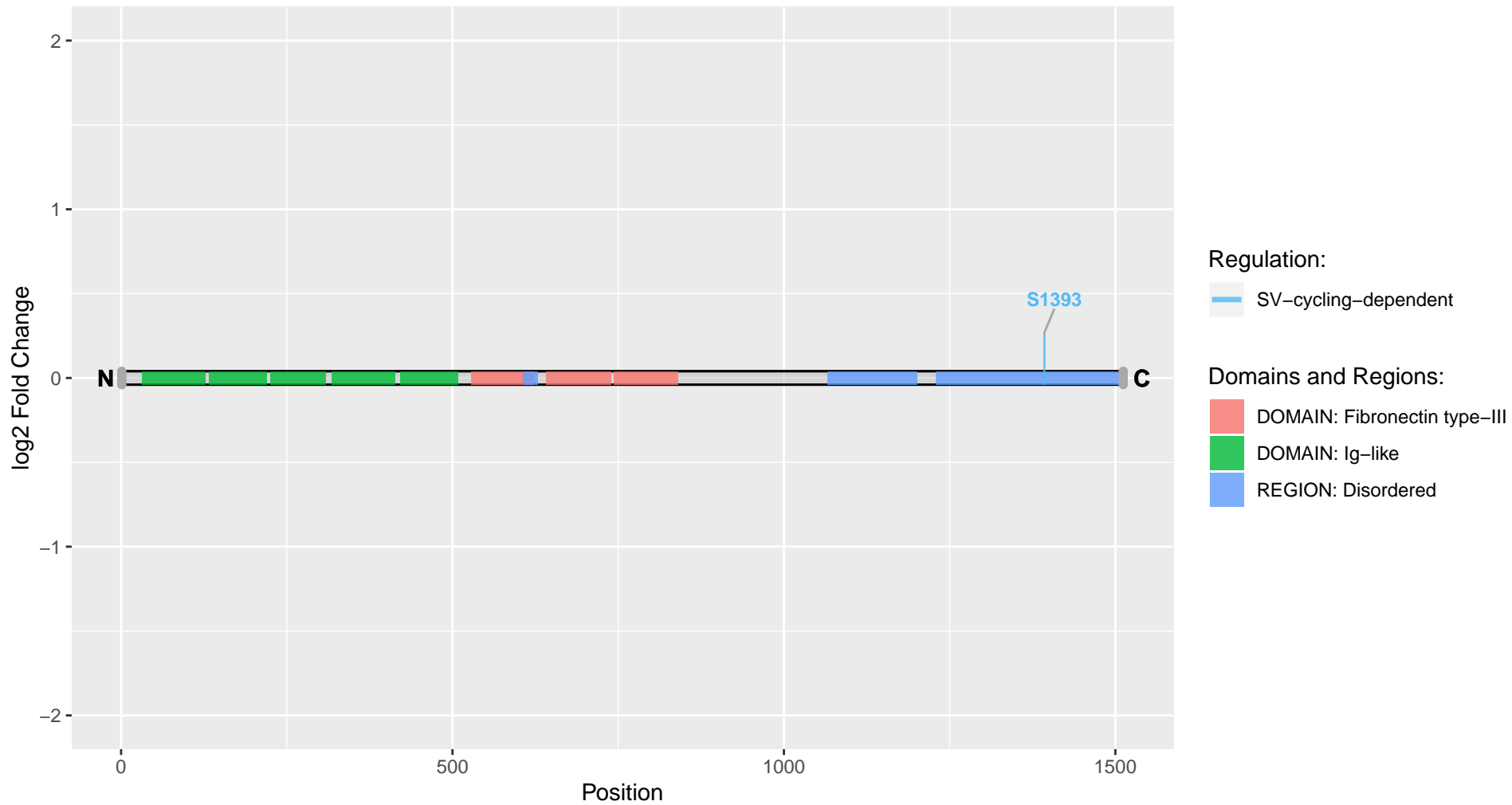
RBR-type E3 ubiquitin transferase



Robo2

Uniprot Accession: A0A0G2JZA1

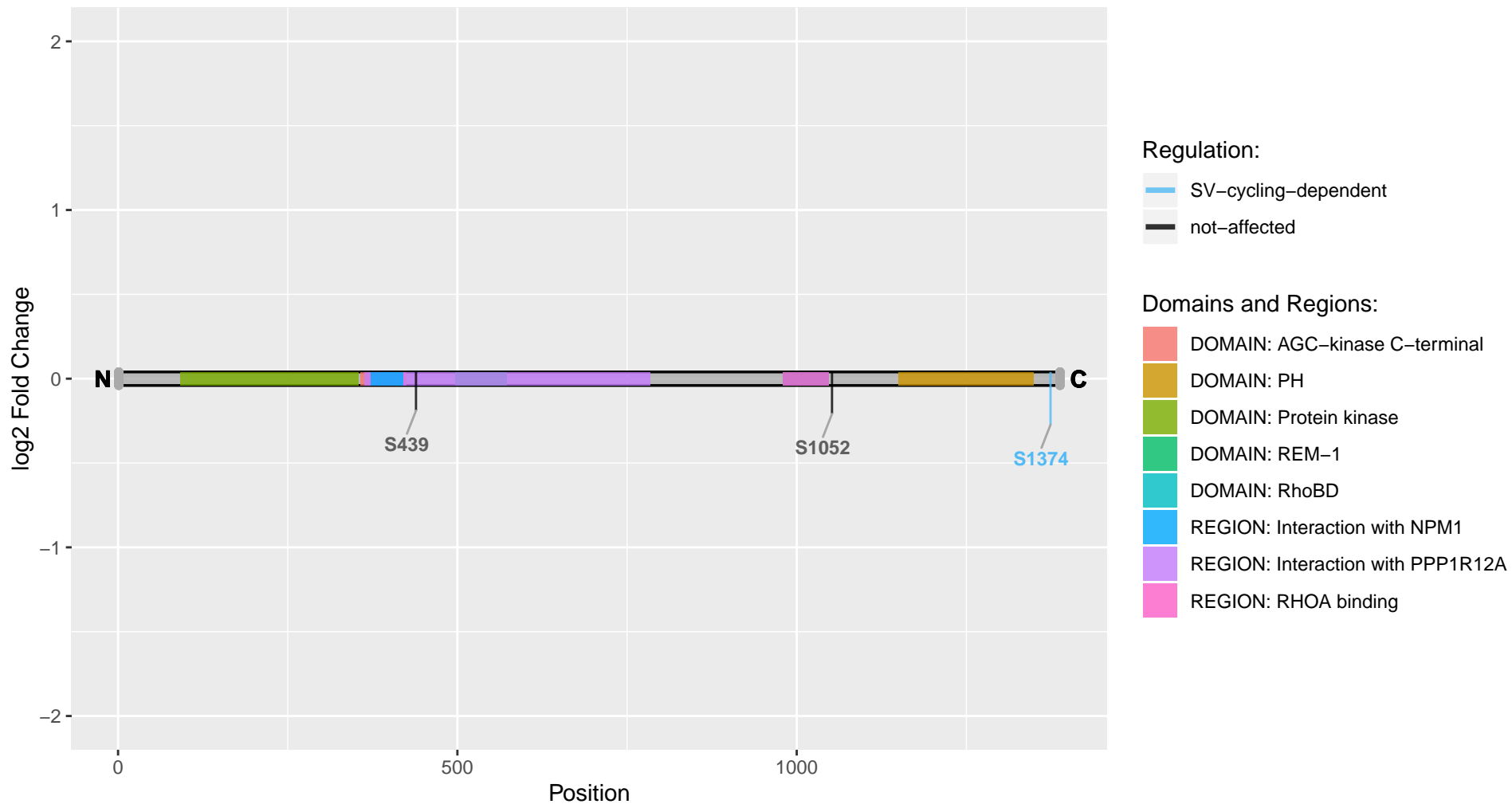
Roundabout guidance receptor 2



Rock2

Uniprot Accession: Q62868

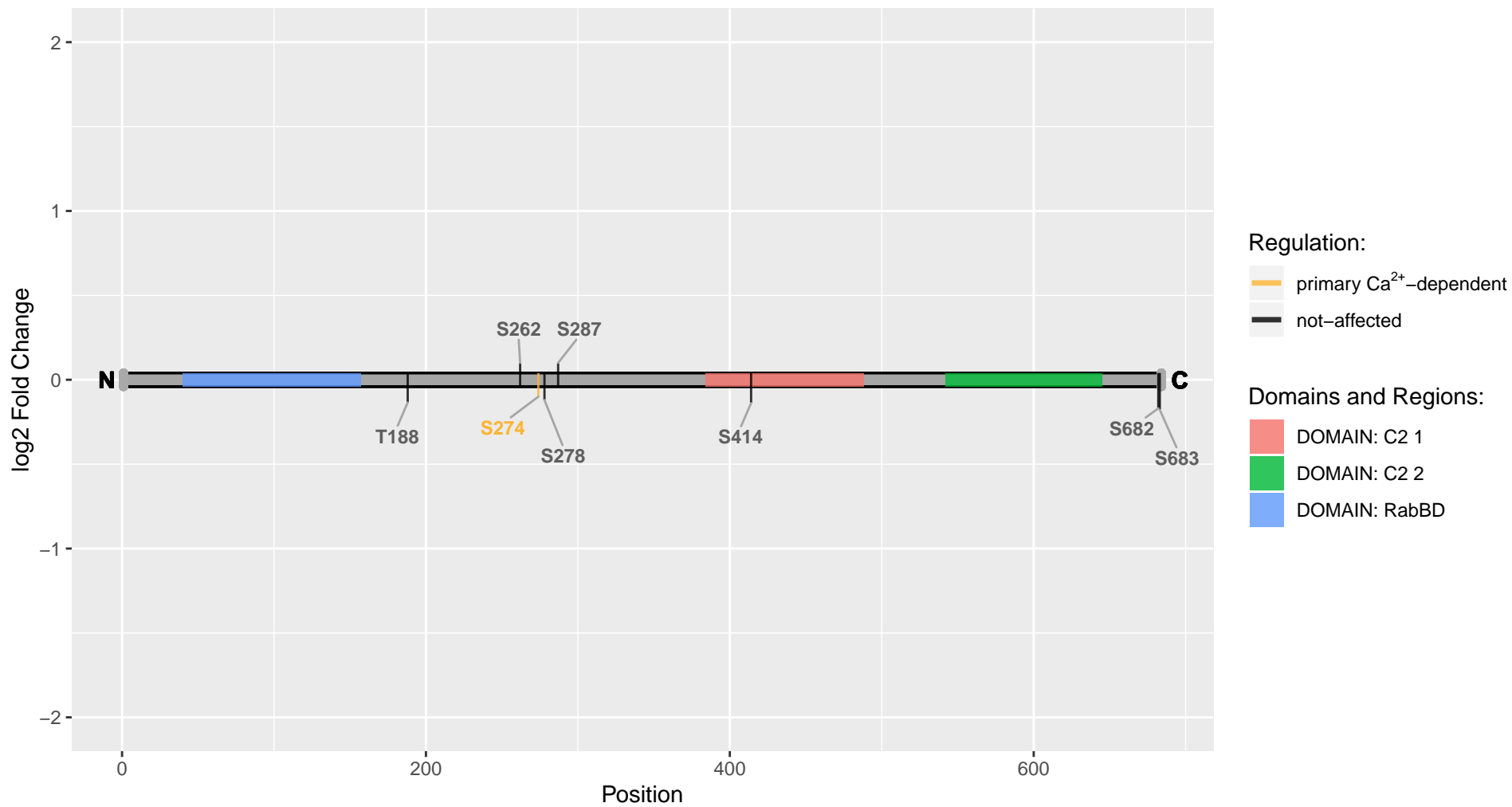
Rho-associated protein kinase 2



Rph3a

Uniprot Accession: P47709

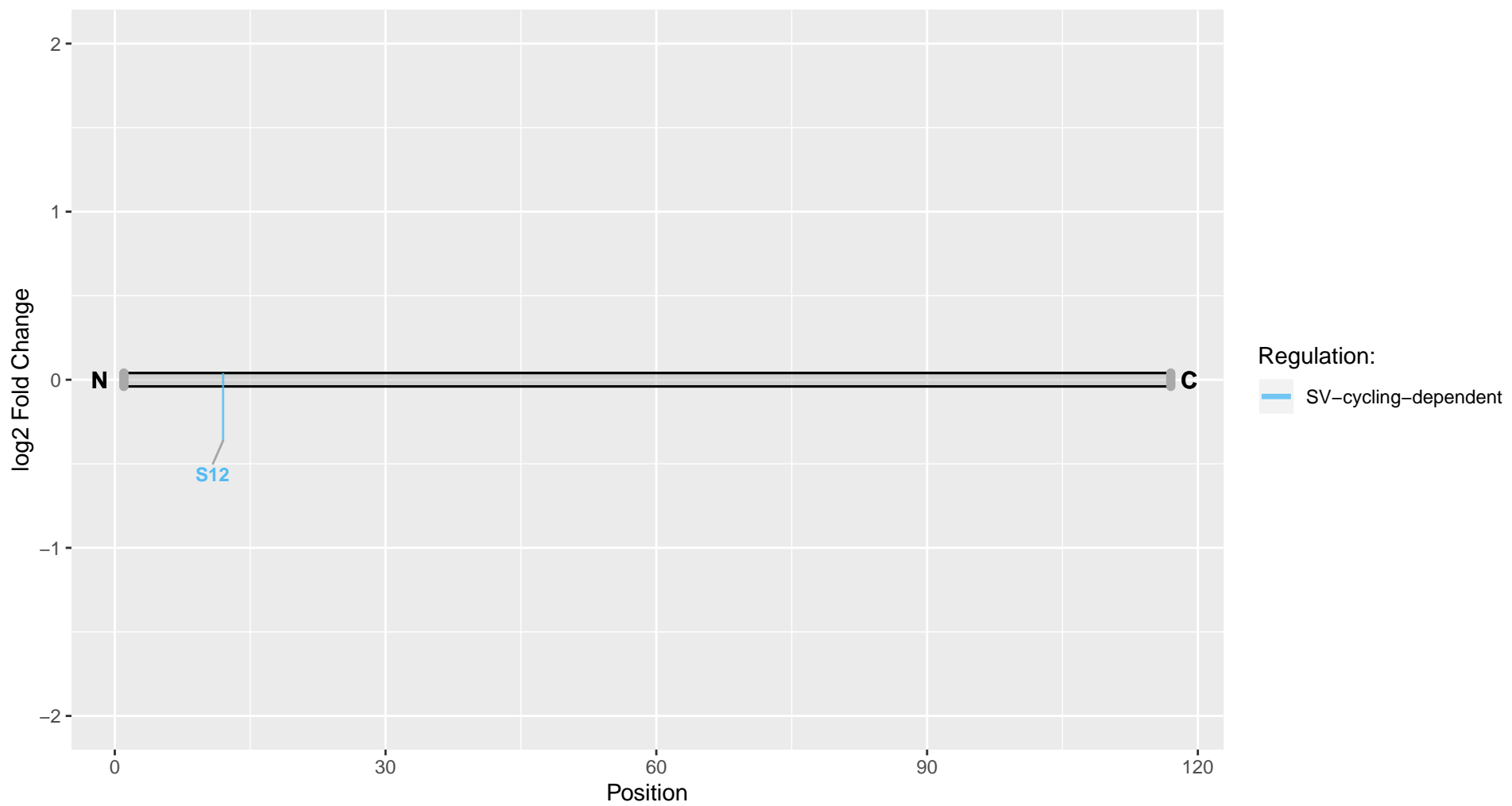
Rabphilin-3A



Rpl34

Uniprot Accession: P11250

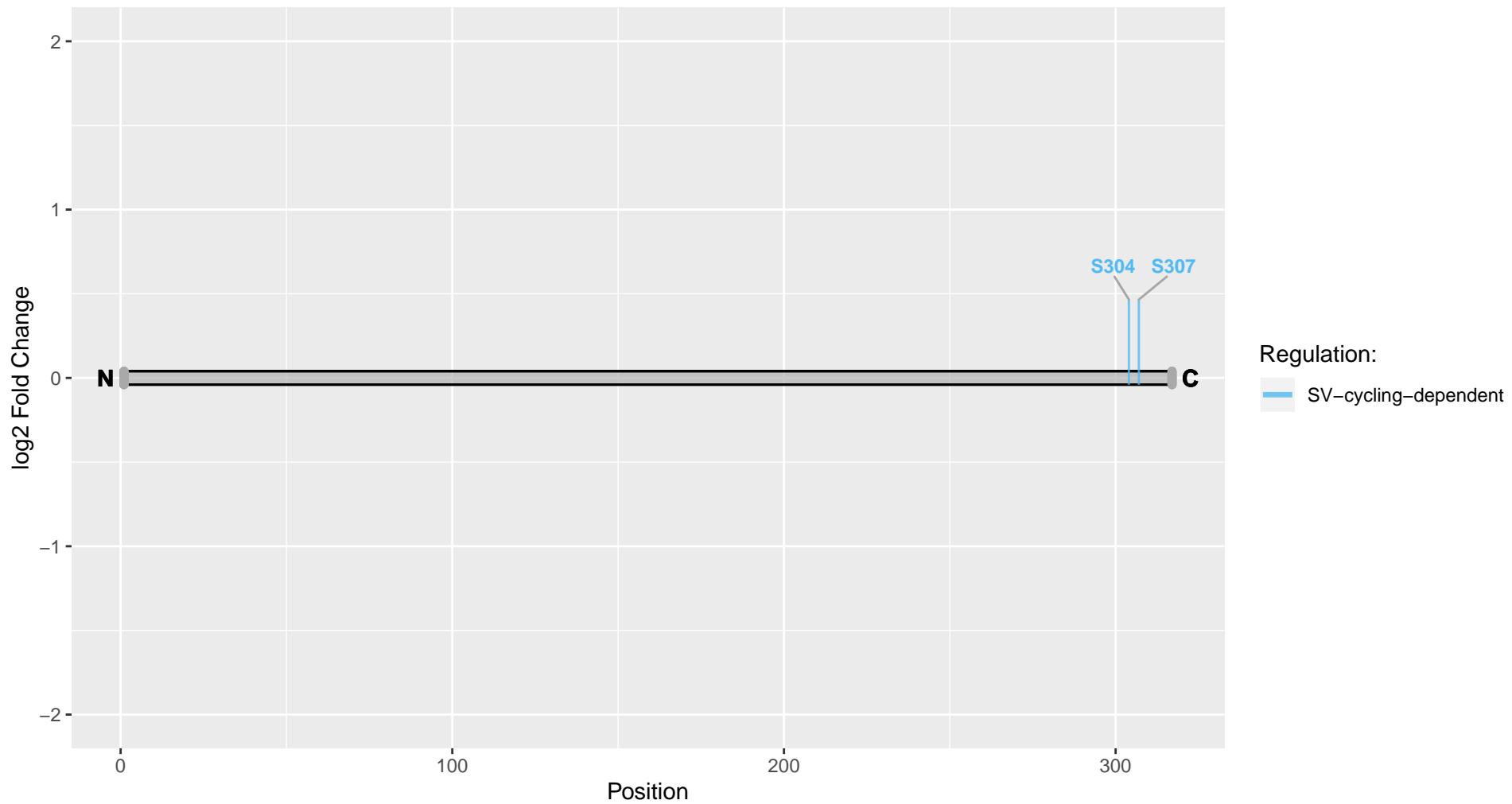
60S ribosomal protein L34



Rplp0

Uniprot Accession: P19945

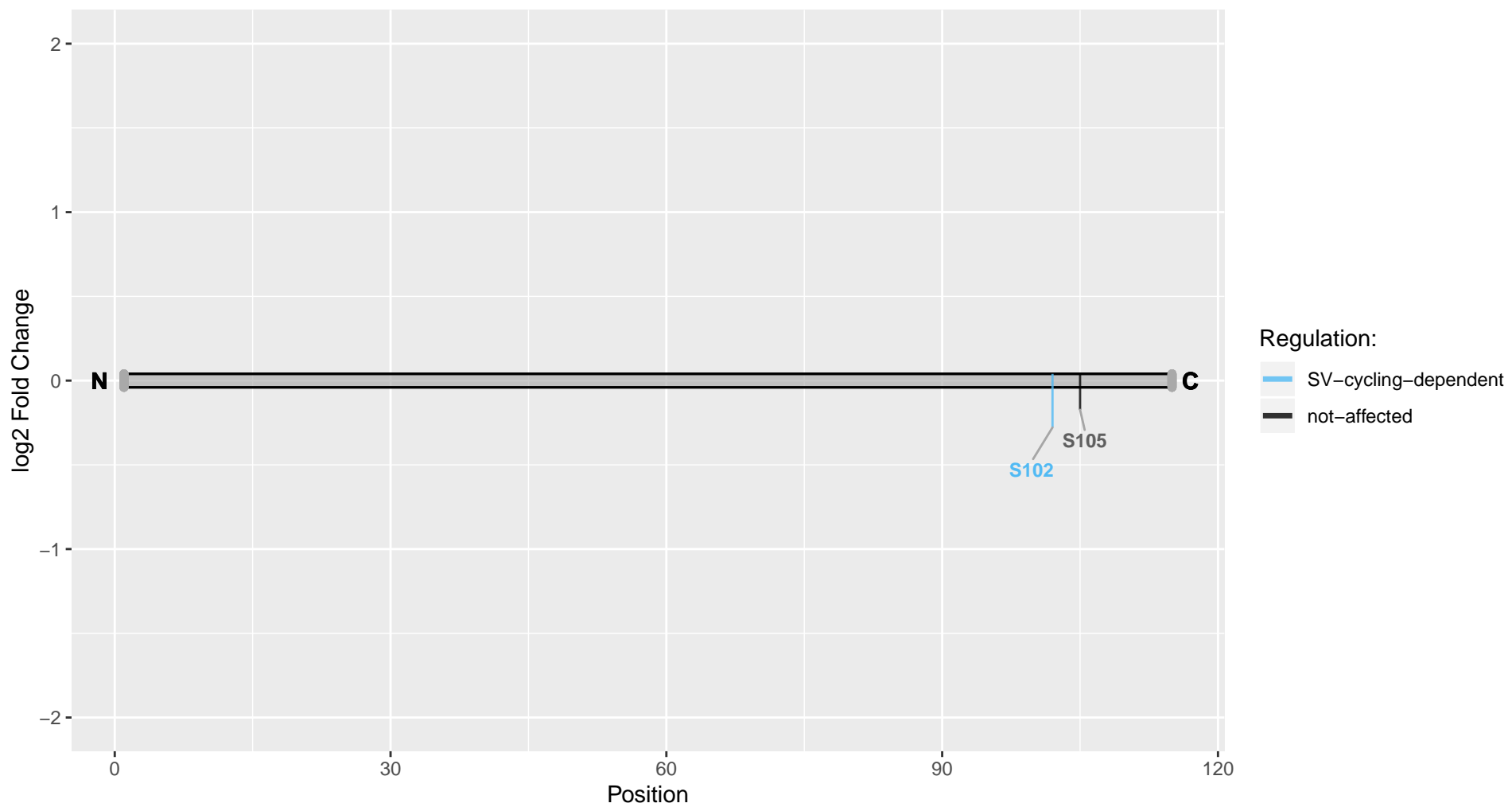
60S acidic ribosomal protein P0



Rplp2

Uniprot Accession: P02401

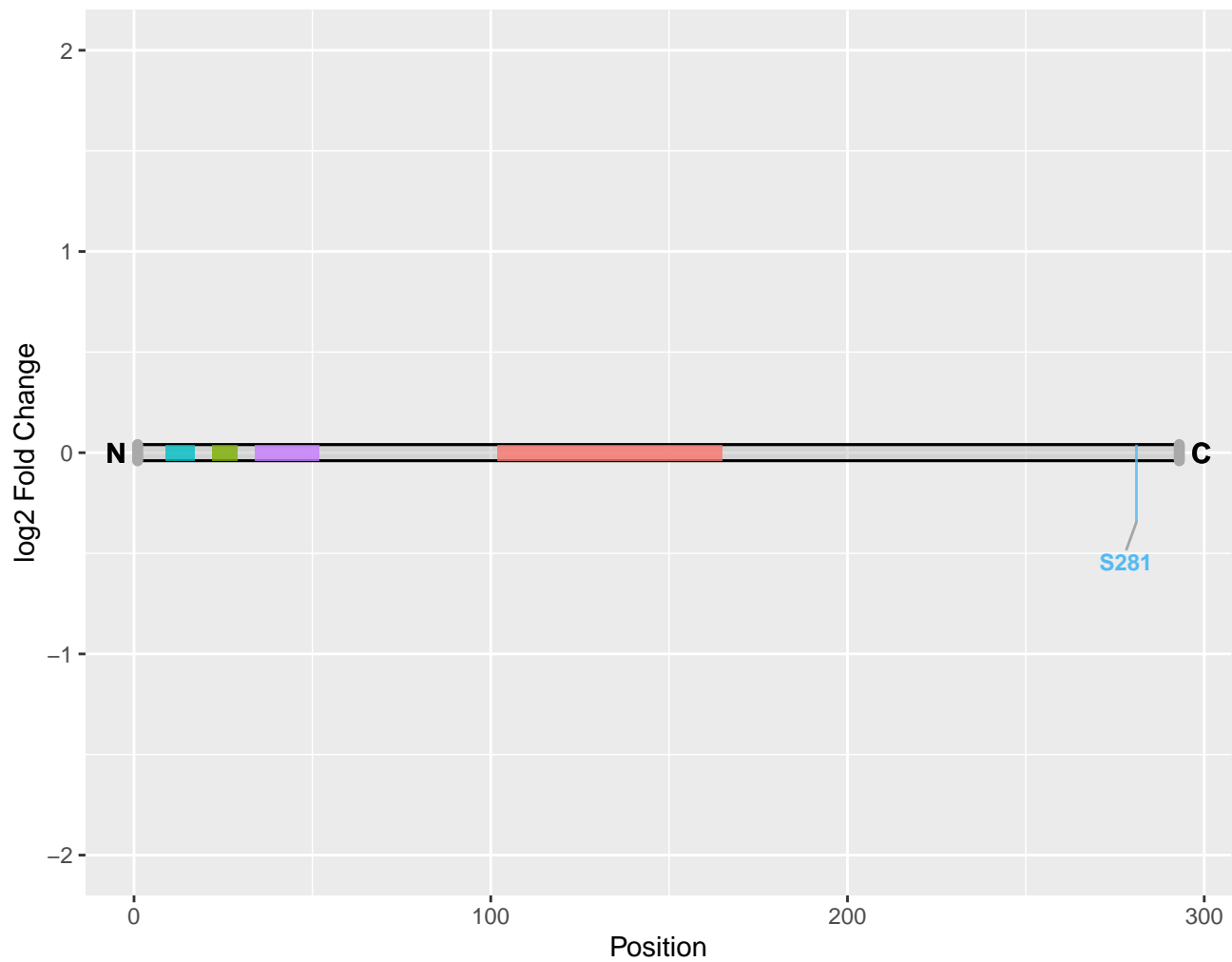
60S acidic ribosomal protein P2



Rps2

Uniprot Accession: P27952

40S ribosomal protein S2



Regulation:

SV-cycling-dependent

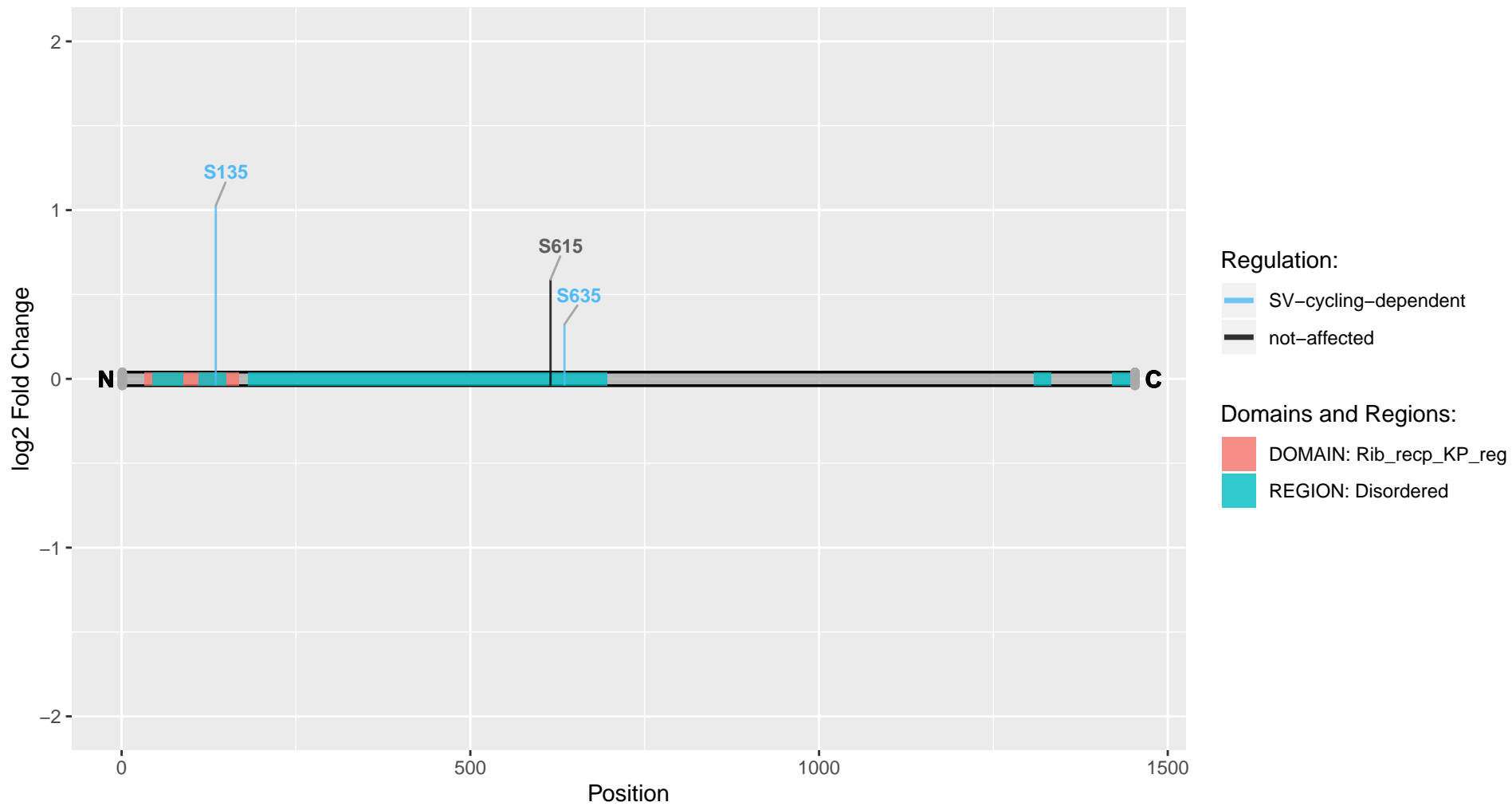
Domains and Regions:

- DOMAIN: S5 DRBM
- REGION: 2 X 4 AA tandem repeats of R-G-G-F
- REGION: 3 X 3 AA tandem repeats of G-G-P
- REGION: 9 X 2 AA tandem repeats of R-G

Rrbp1

Uniprot Accession: F1M853

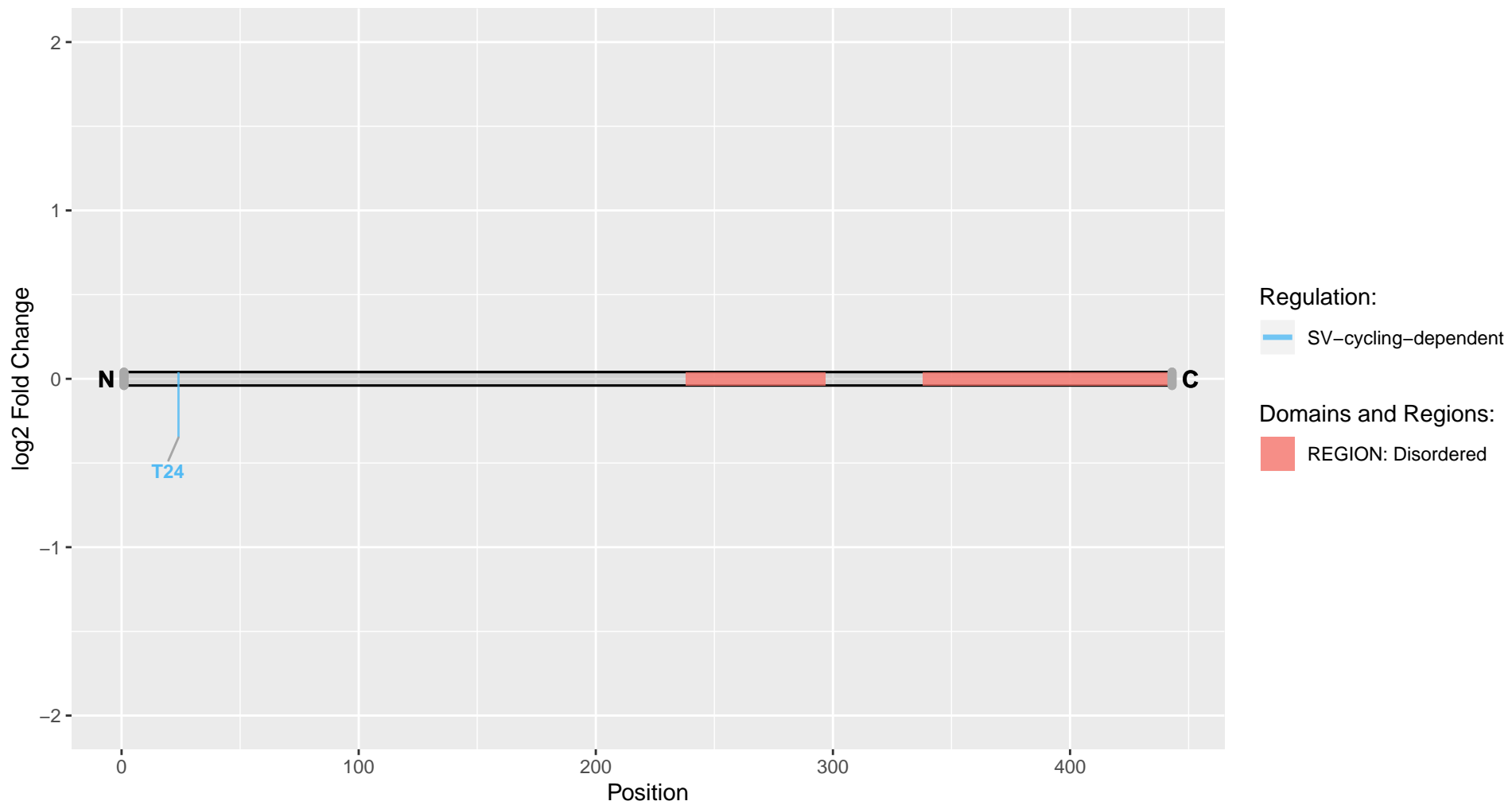
Ribosome-binding protein 1



Rrp1

Uniprot Accession: Q5M9F3

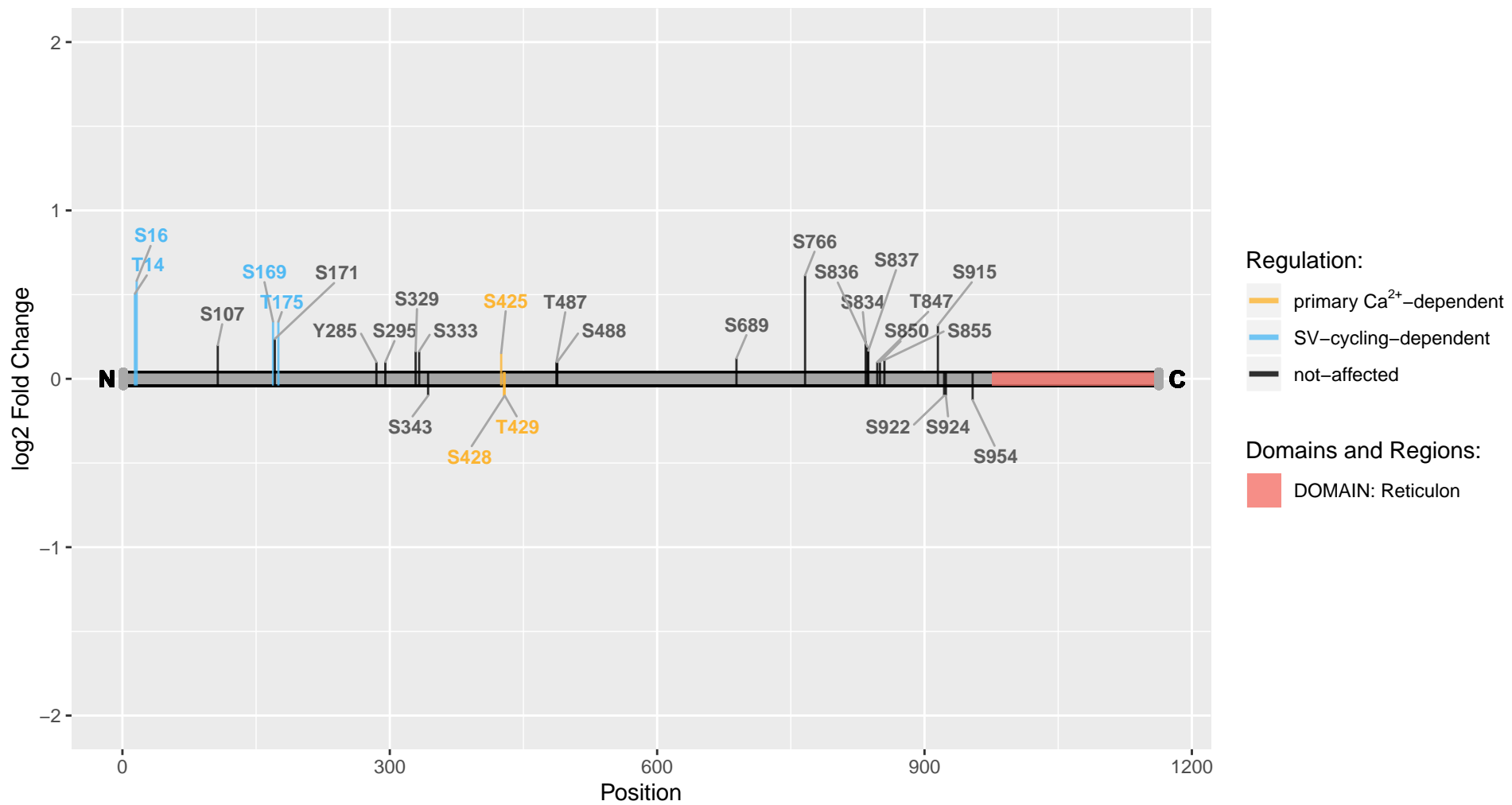
Ribosomal RNA processing 1 homolog (*S. cerevisiae*)



Rtn4

Uniprot Accession: Q9JK11

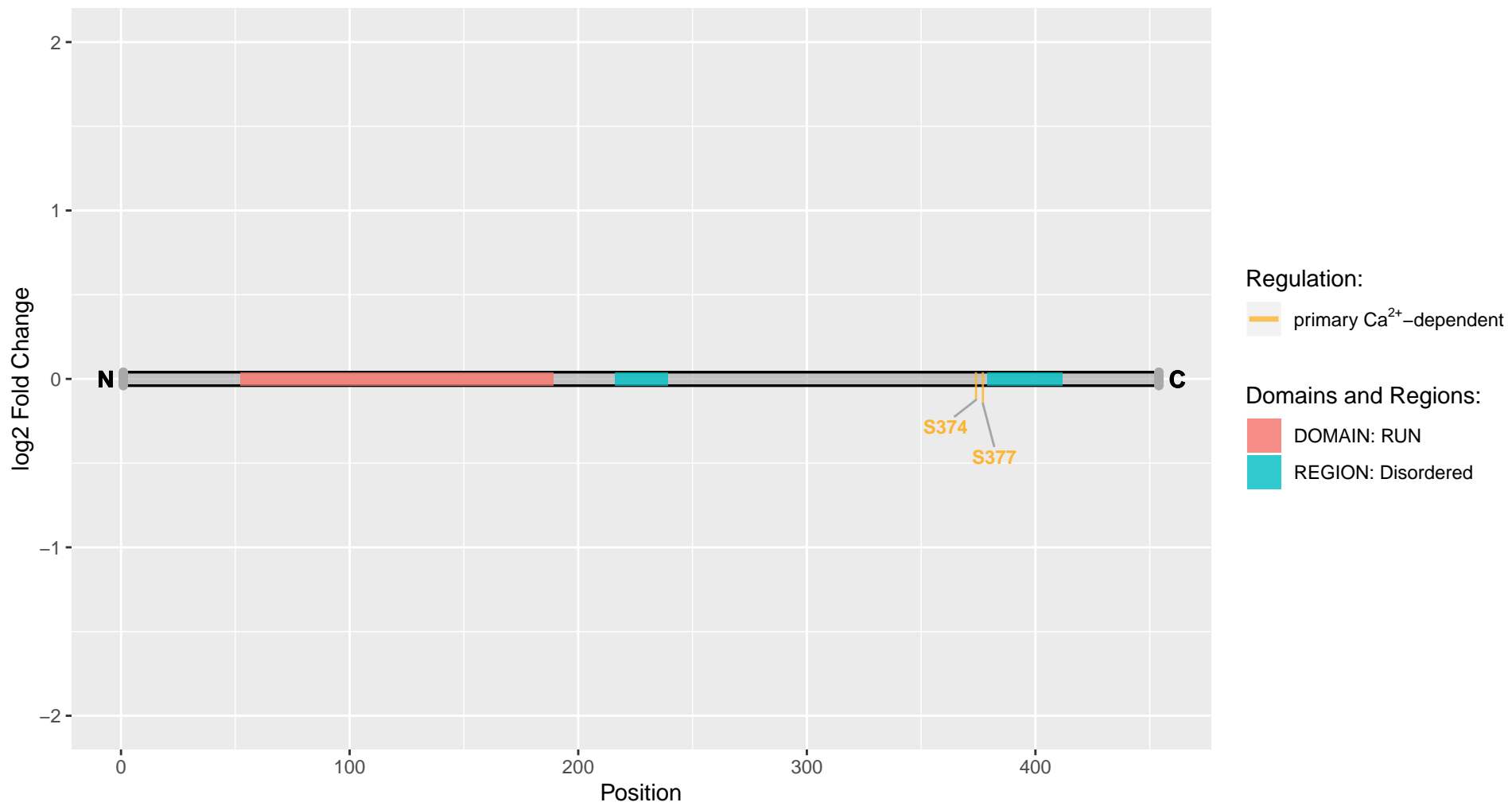
Reticulon-4



Rundc3a

Uniprot Accession: F1LRZ9

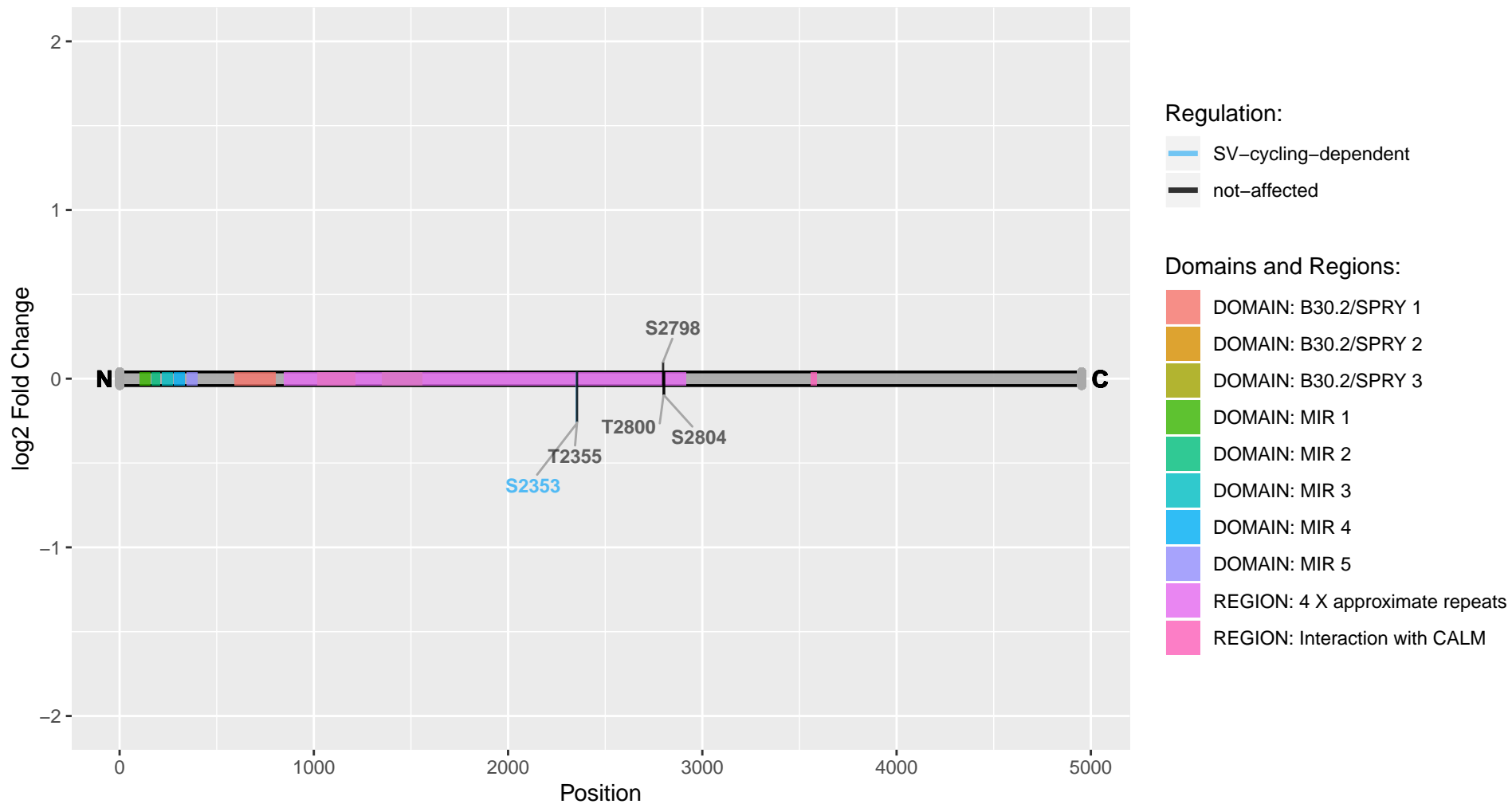
RUN domain-containing 3A



Ryr2

Uniprot Accession: B0LPN4

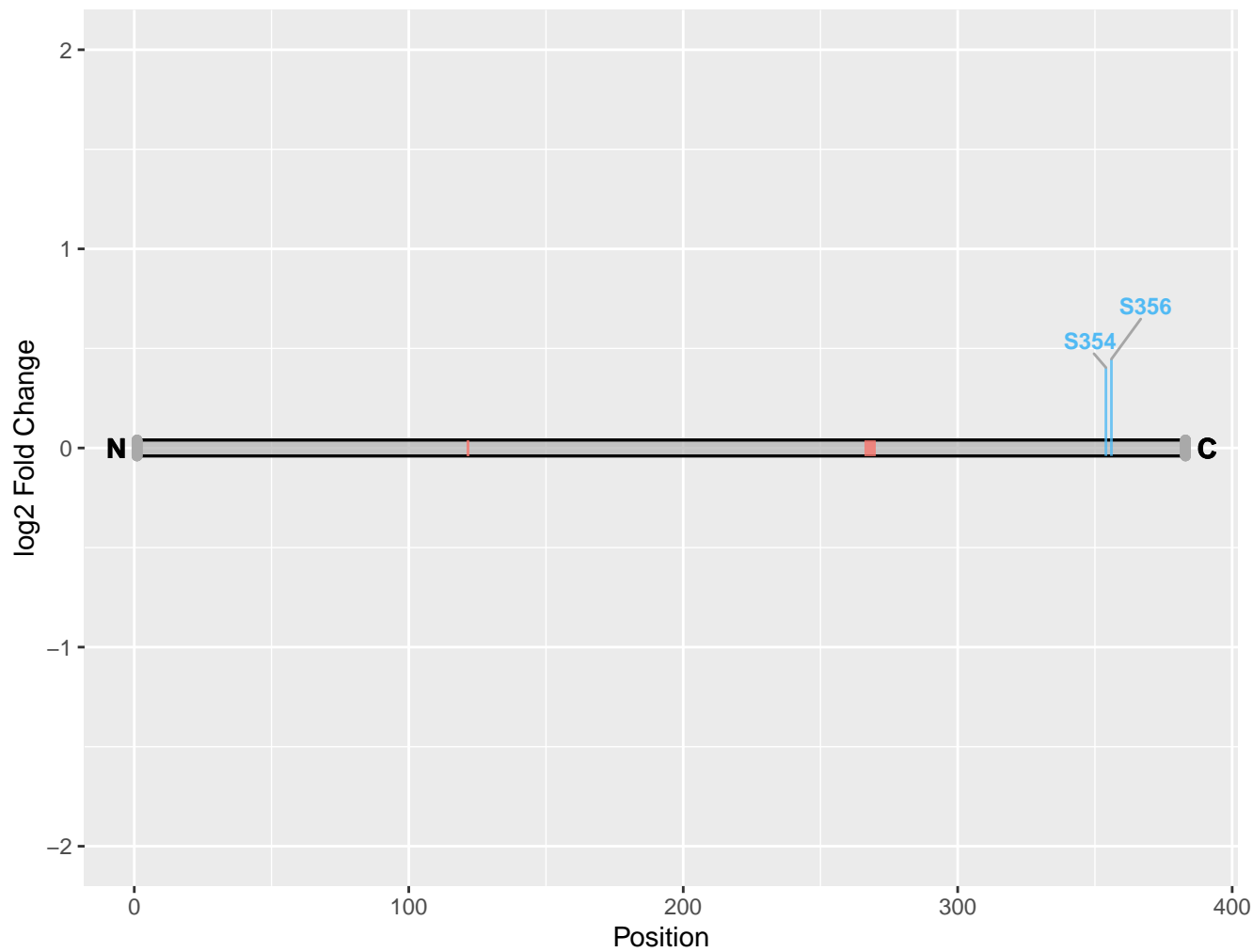
Ryanodine receptor 2



S1pr1

Uniprot Accession: P48303

Sphingosine 1-phosphate receptor 1



Regulation:

— SV-cycling-dependent

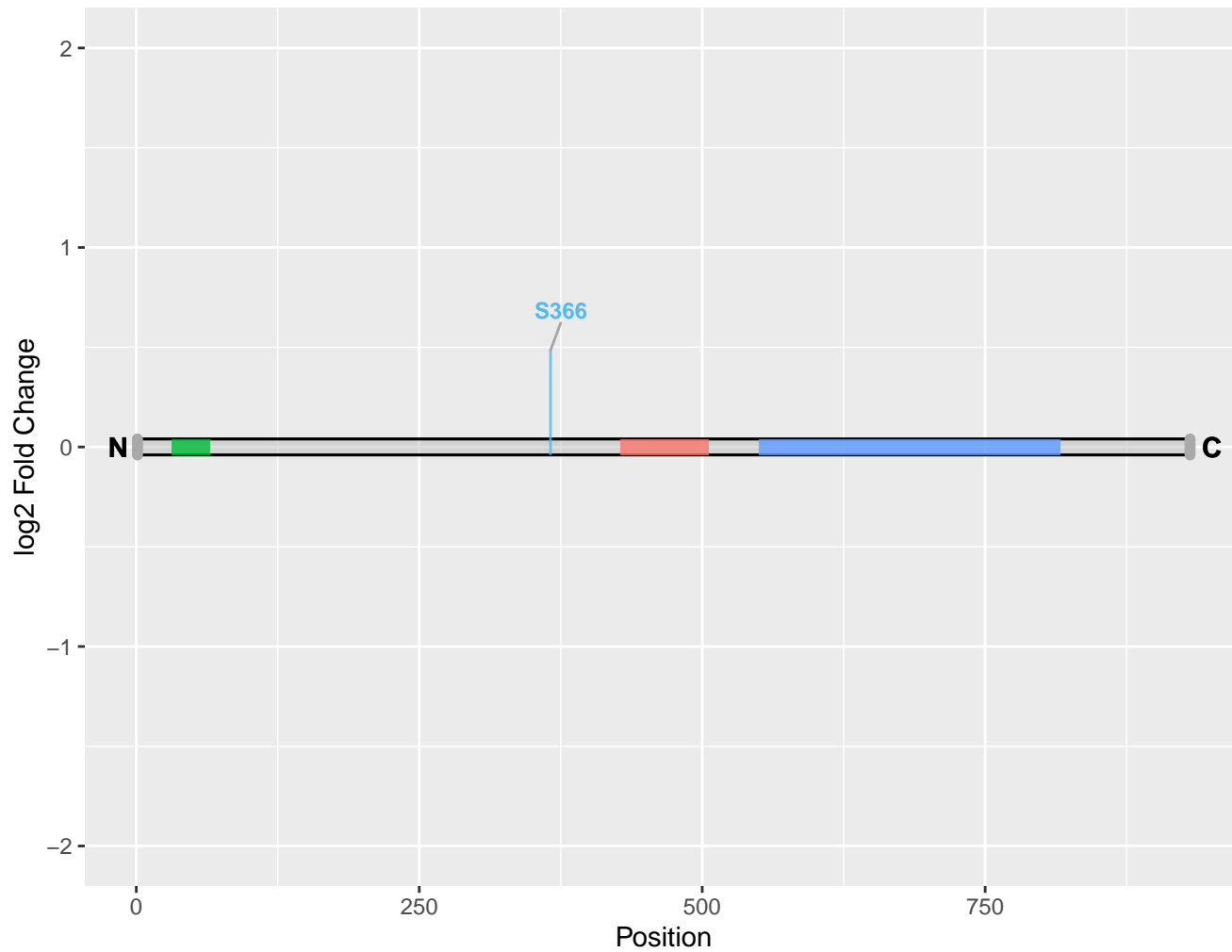
Domains and Regions:

— REGION: Sphingosine 1-phosphate binding

Safb

Uniprot Accession: O88453

Scaffold attachment factor B1



Regulation:

— SV-cycling-dependent

Domains and Regions:

DOMAIN: RRM

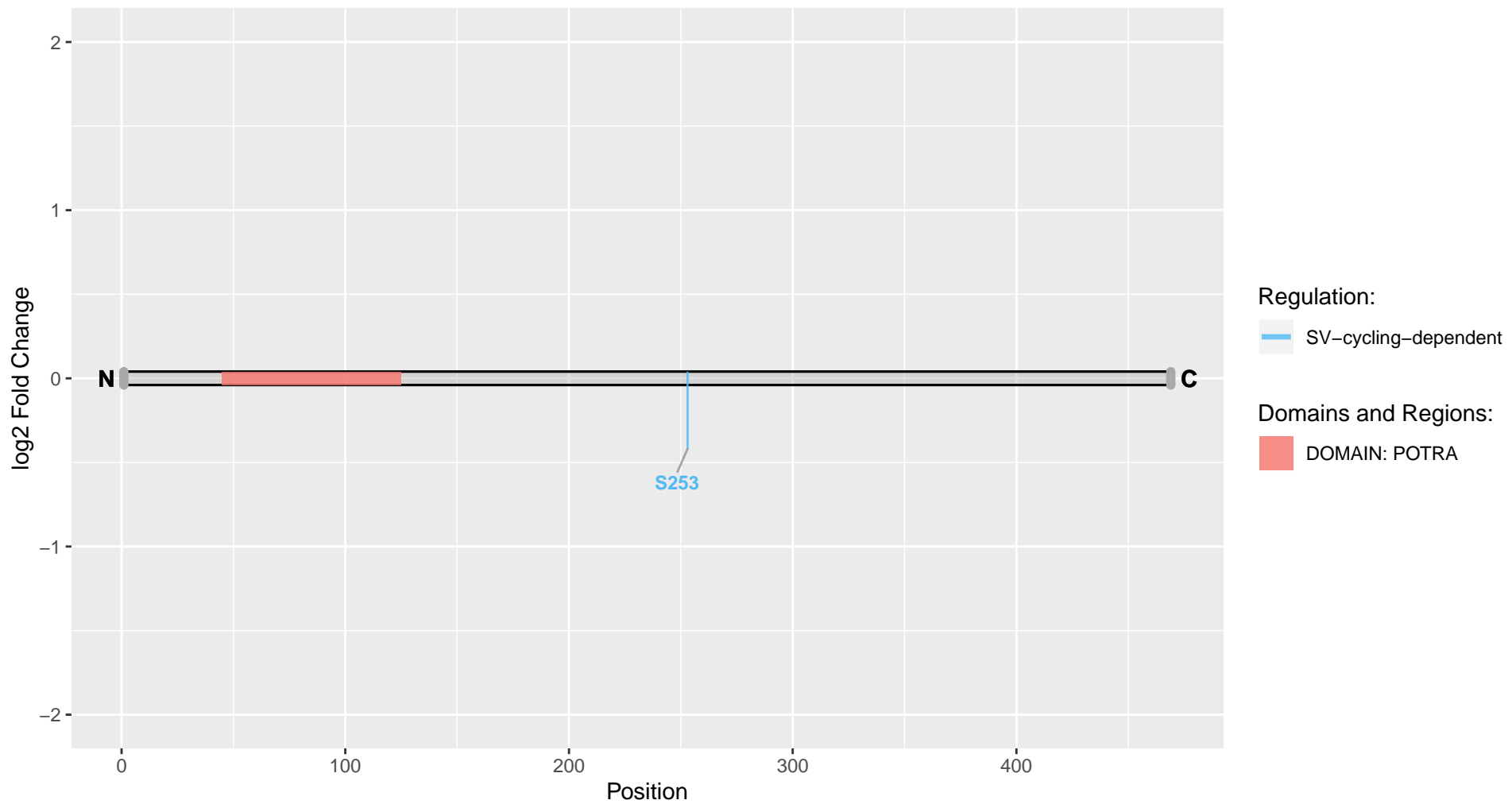
DOMAIN: SAP

REGION: Interaction with POLR2A; SFRS1; SFRS9 and TRA2B

Samm50

Uniprot Accession: Q6AXV4

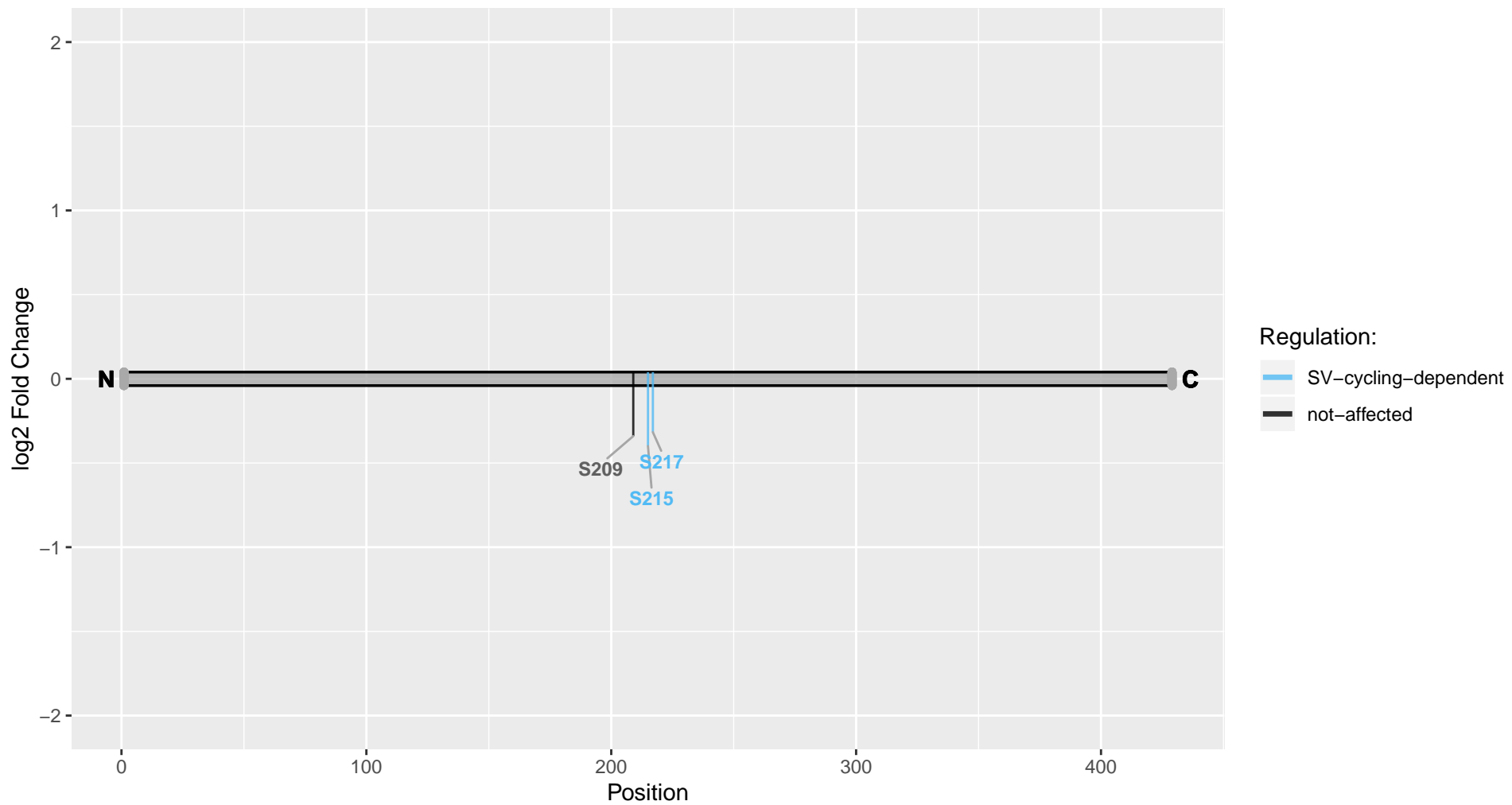
Sorting and assembly machinery component 50 homolog



Sccpdh

Uniprot Accession: Q6AY30

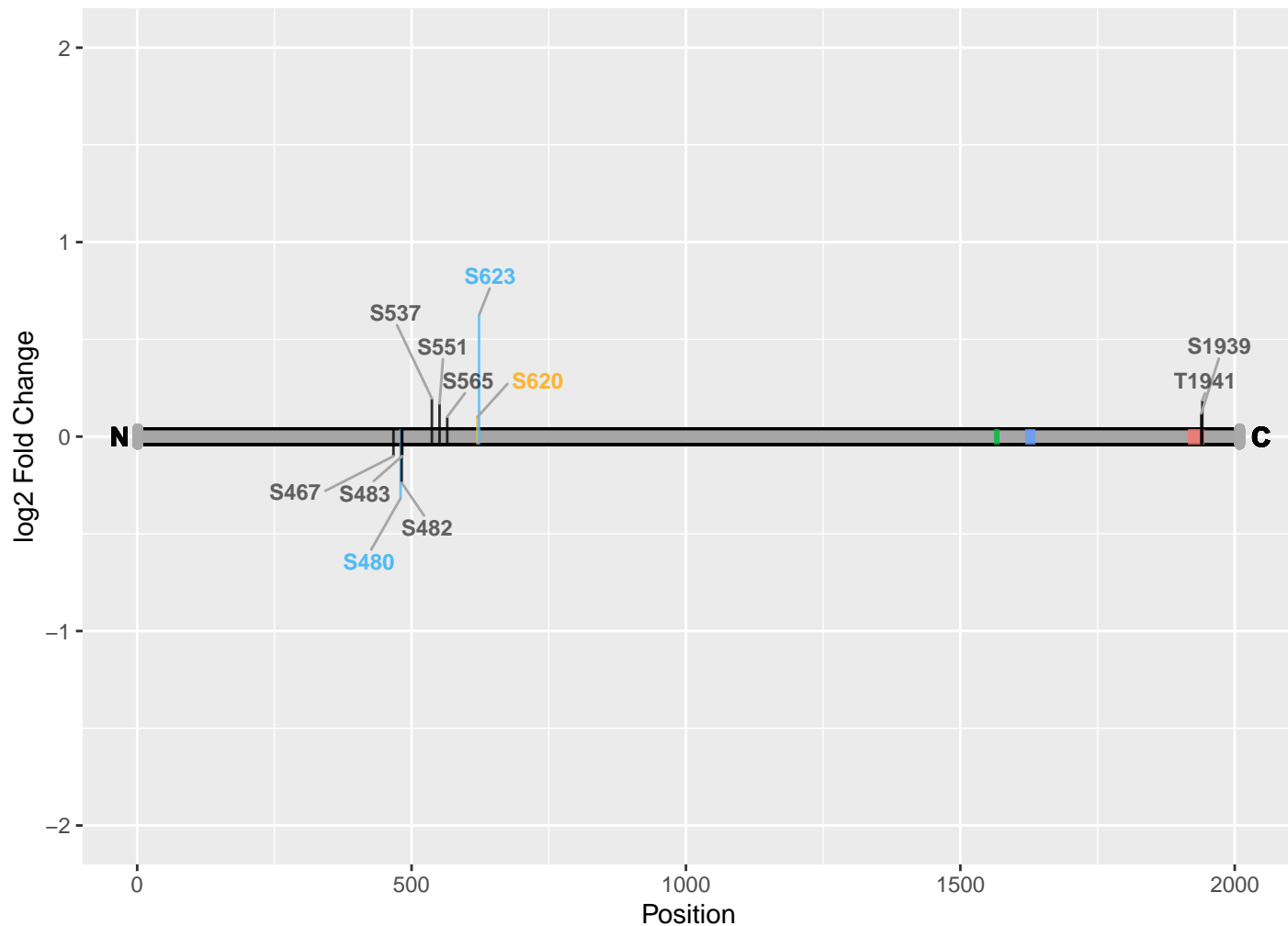
Saccharopine dehydrogenase-like oxidoreductase



Scn1a

Uniprot Accession: P04774

Sodium channel protein type 1 subunit alpha



Regulation:

- primary Ca²⁺-dependent
- SV-cycling-dependent
- not-affected

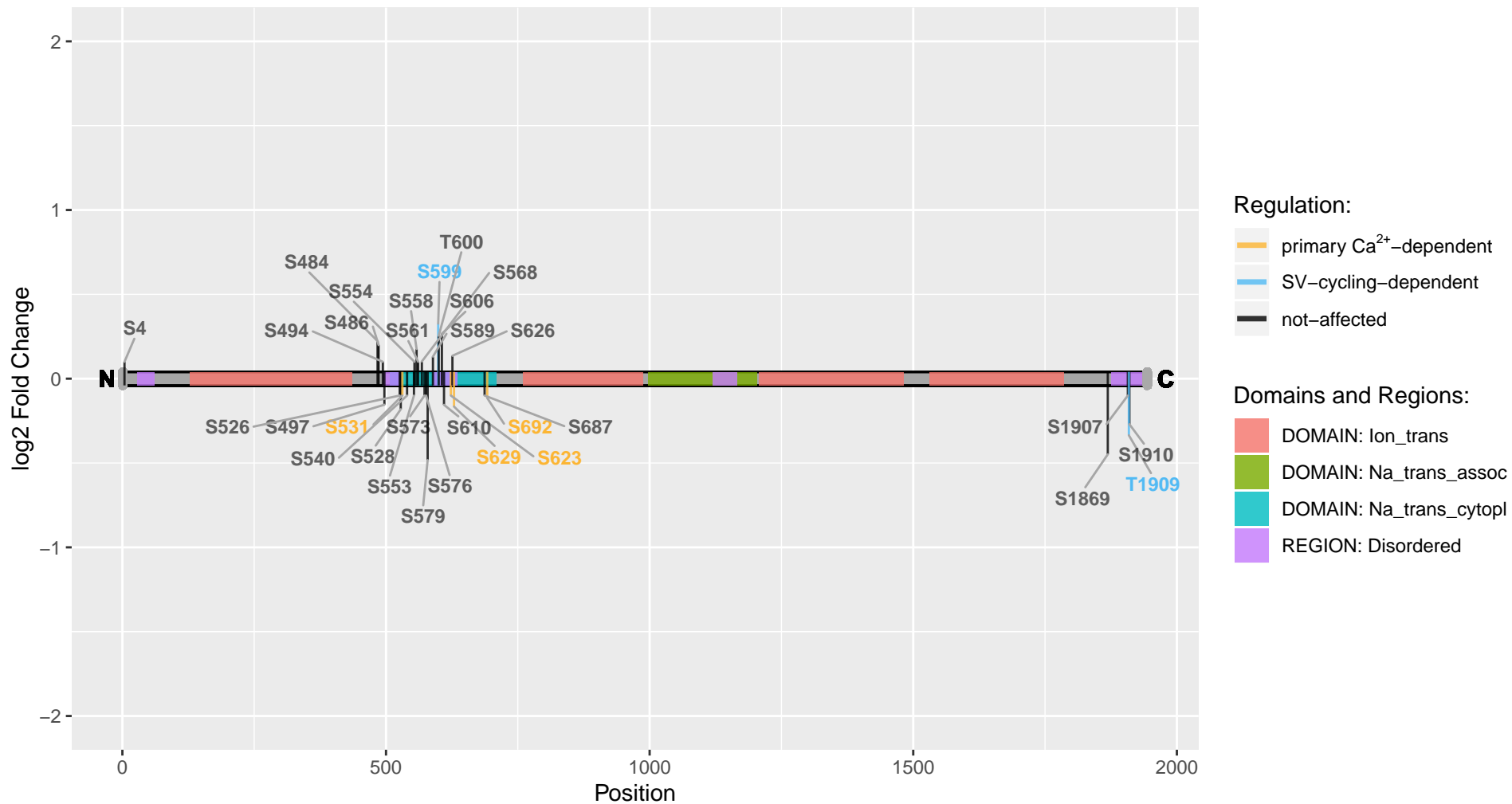
Domains and Regions:

- DOMAIN: IQ
- REGION: S1-S2 loop of repeat IV
- REGION: S3b-S4 loop of repeat IV

Scn2a

Uniprot Accession: F1M9G9

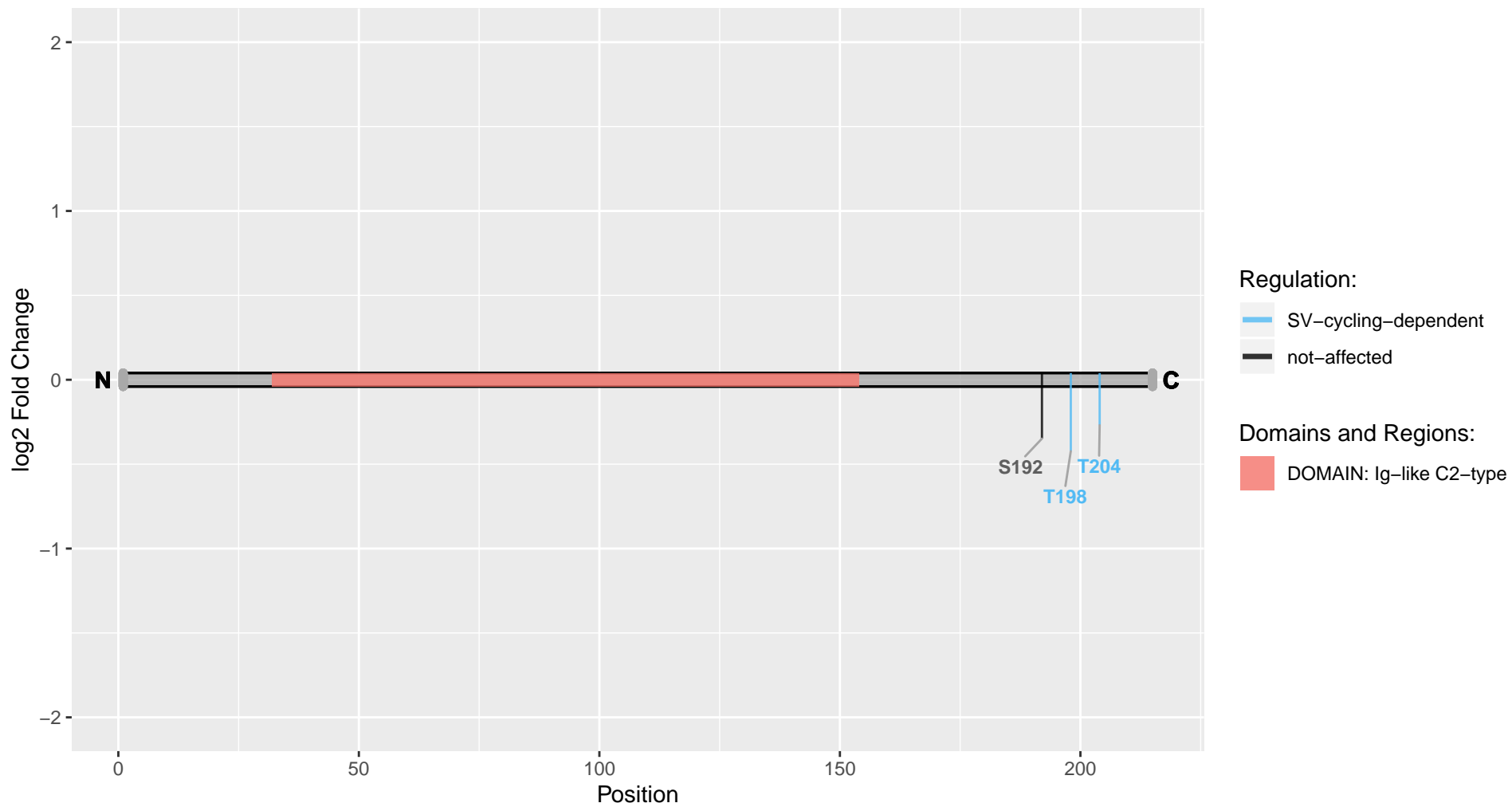
Sodium channel protein



Scn2b

Uniprot Accession: P54900

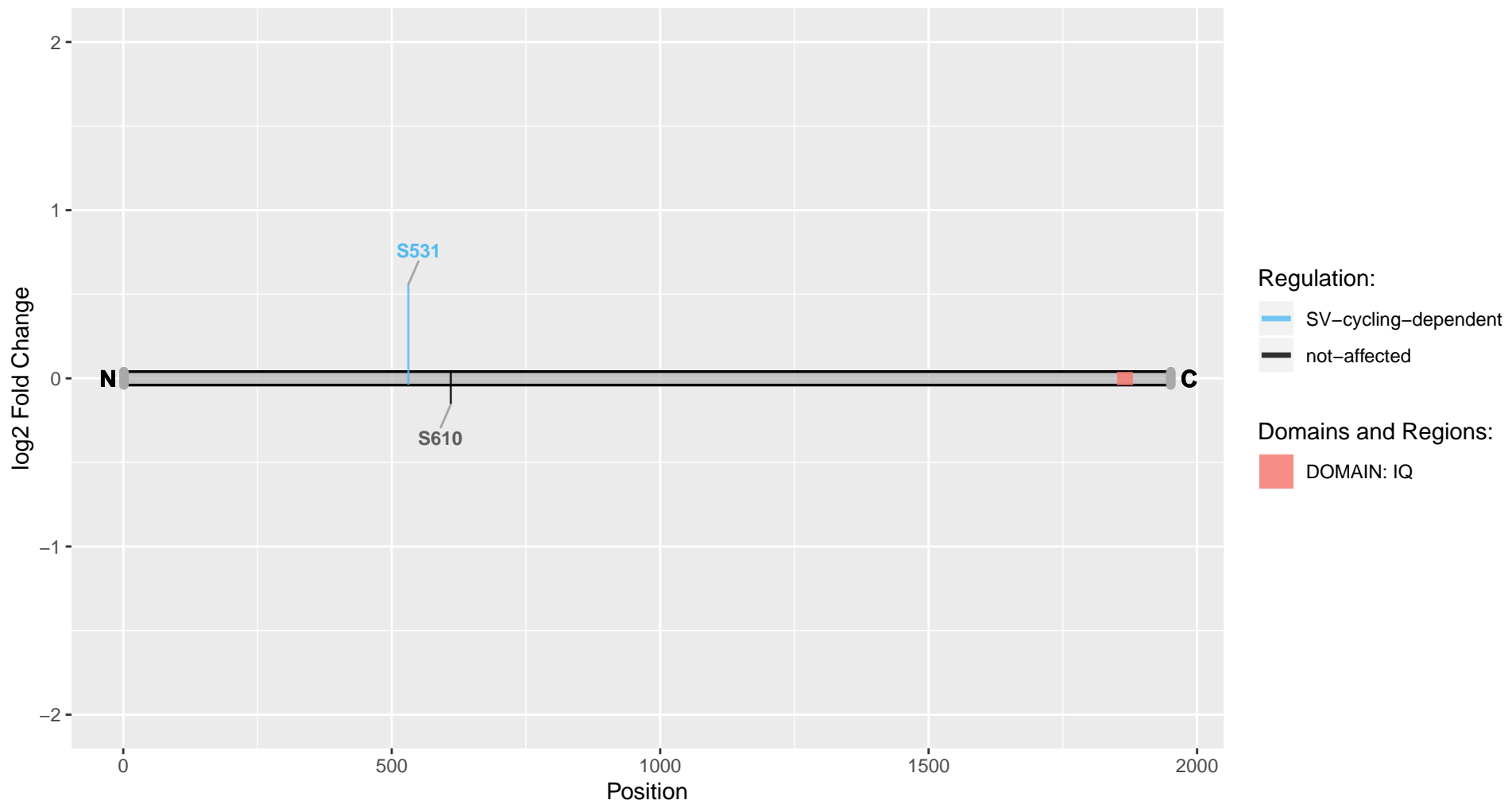
Sodium channel subunit beta-2



Scn3a

Uniprot Accession: P08104

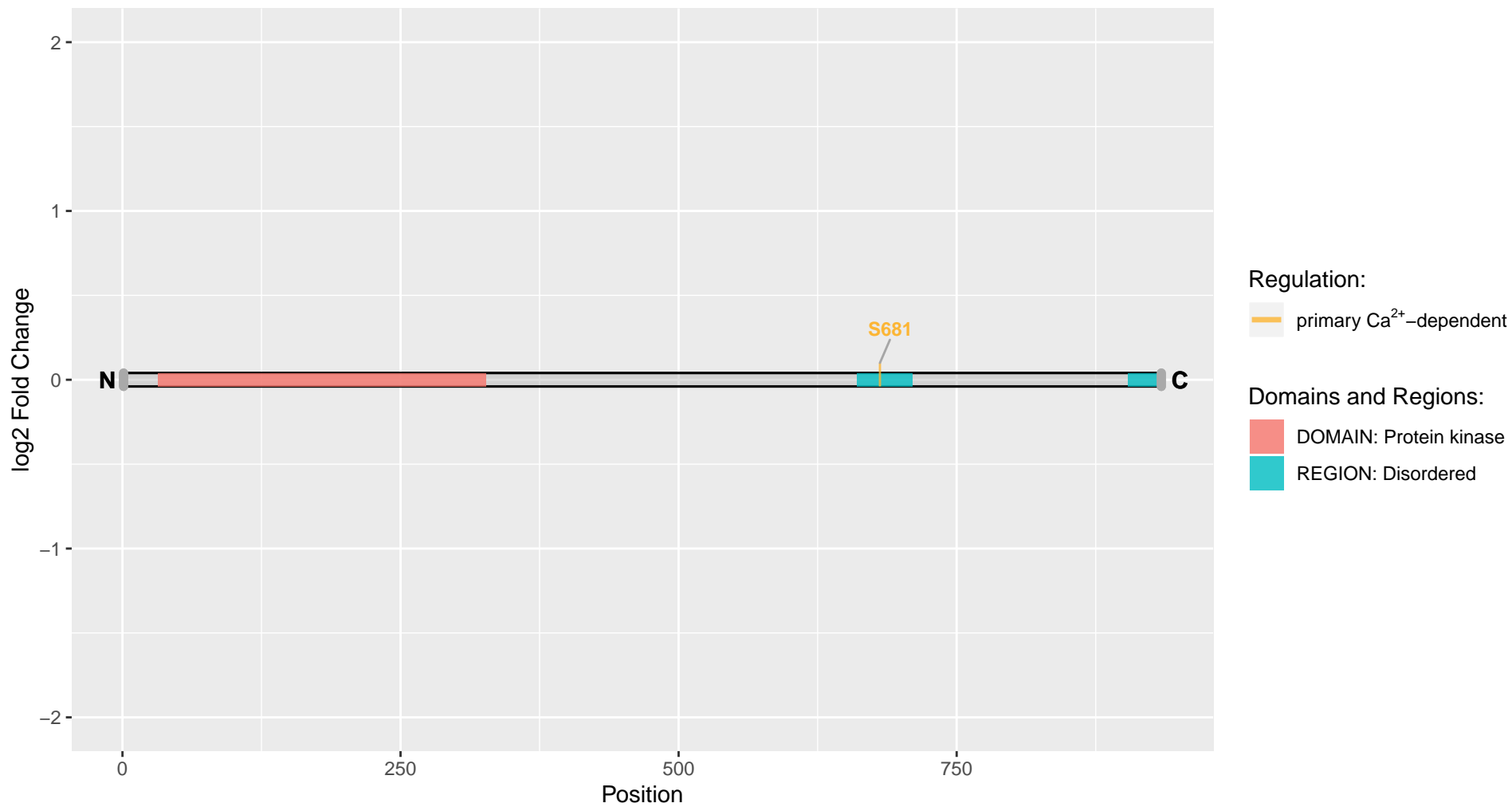
Sodium channel protein type 3 subunit alpha



Scyl2

Uniprot Accession: A0A0G2JVC2

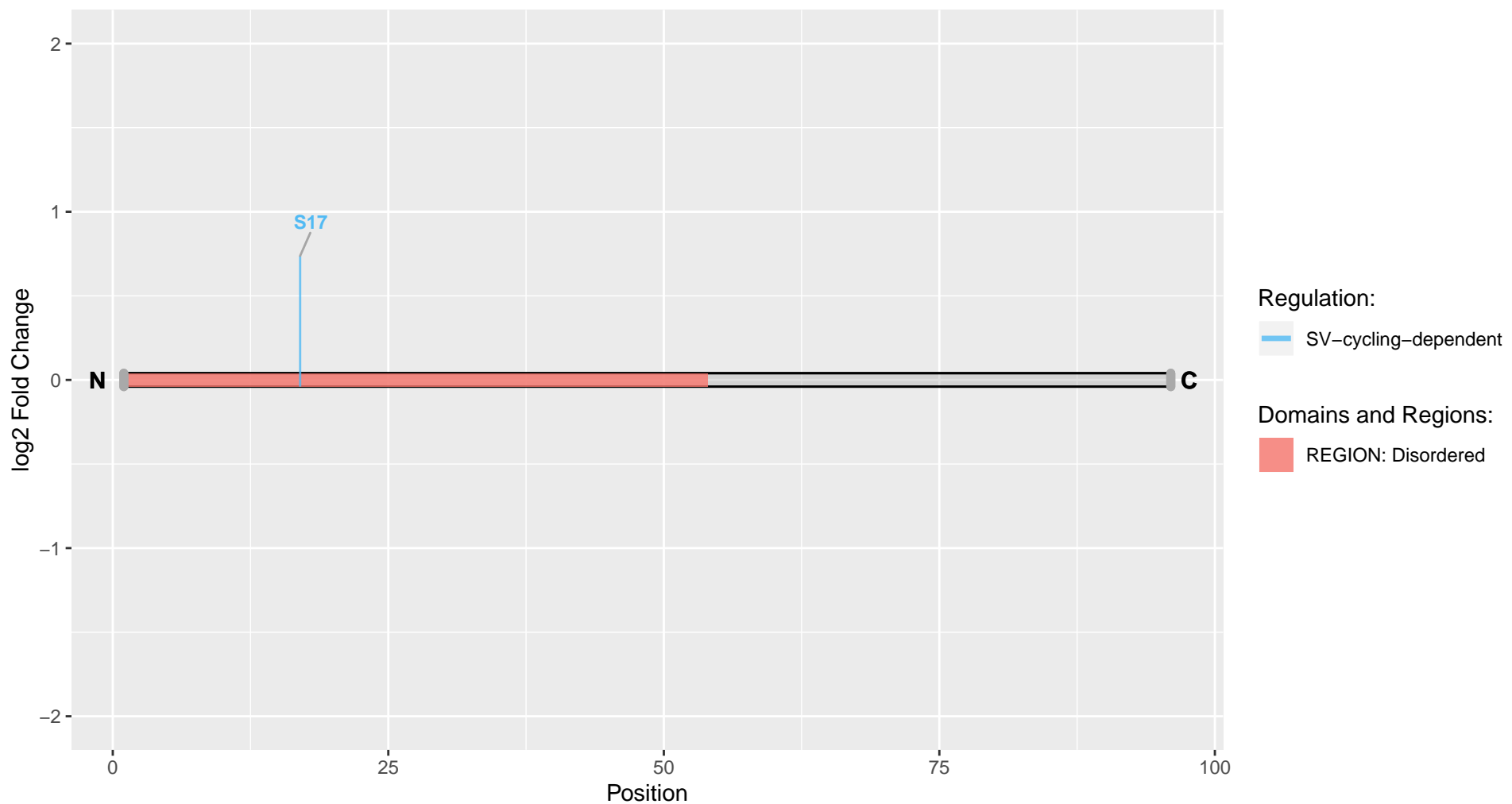
SCY1-like pseudokinase 2



Sec61b

Uniprot Accession: B2RZD1

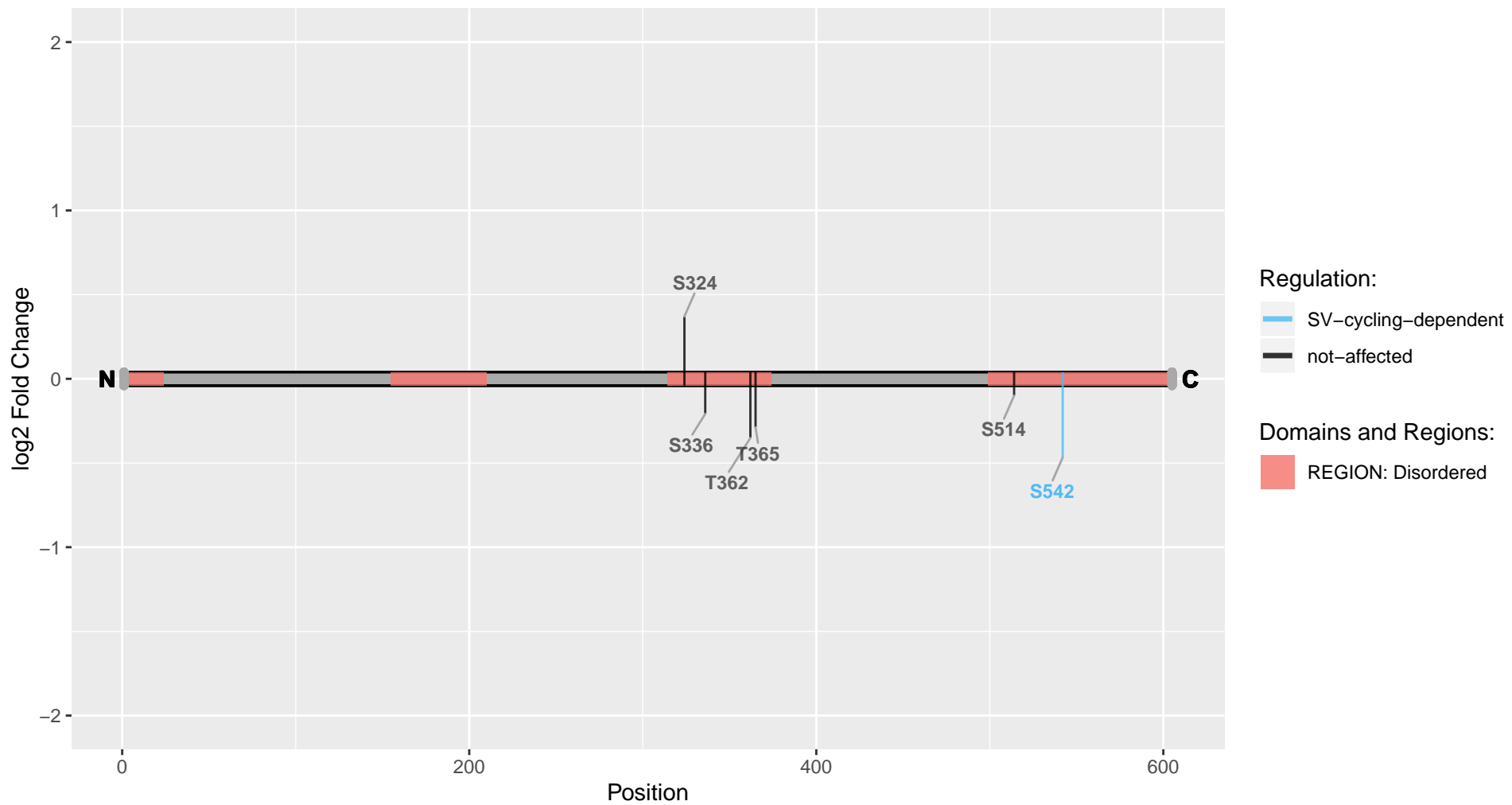
Protein transport protein Sec61 subunit beta



Sec62

Uniprot Accession: Q7TP42

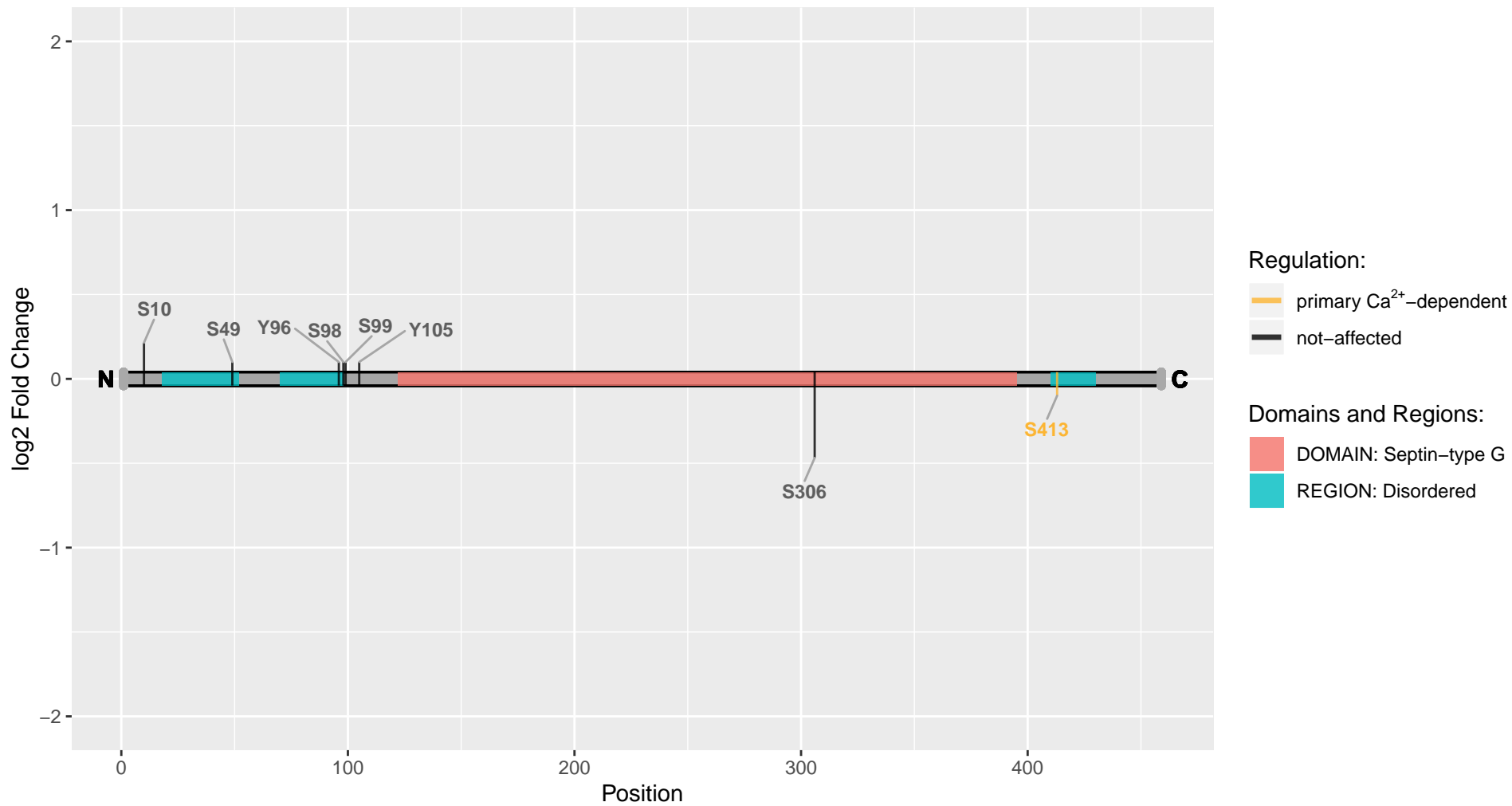
Ab2-292



Sept4

Uniprot Accession: A0A096MJN4

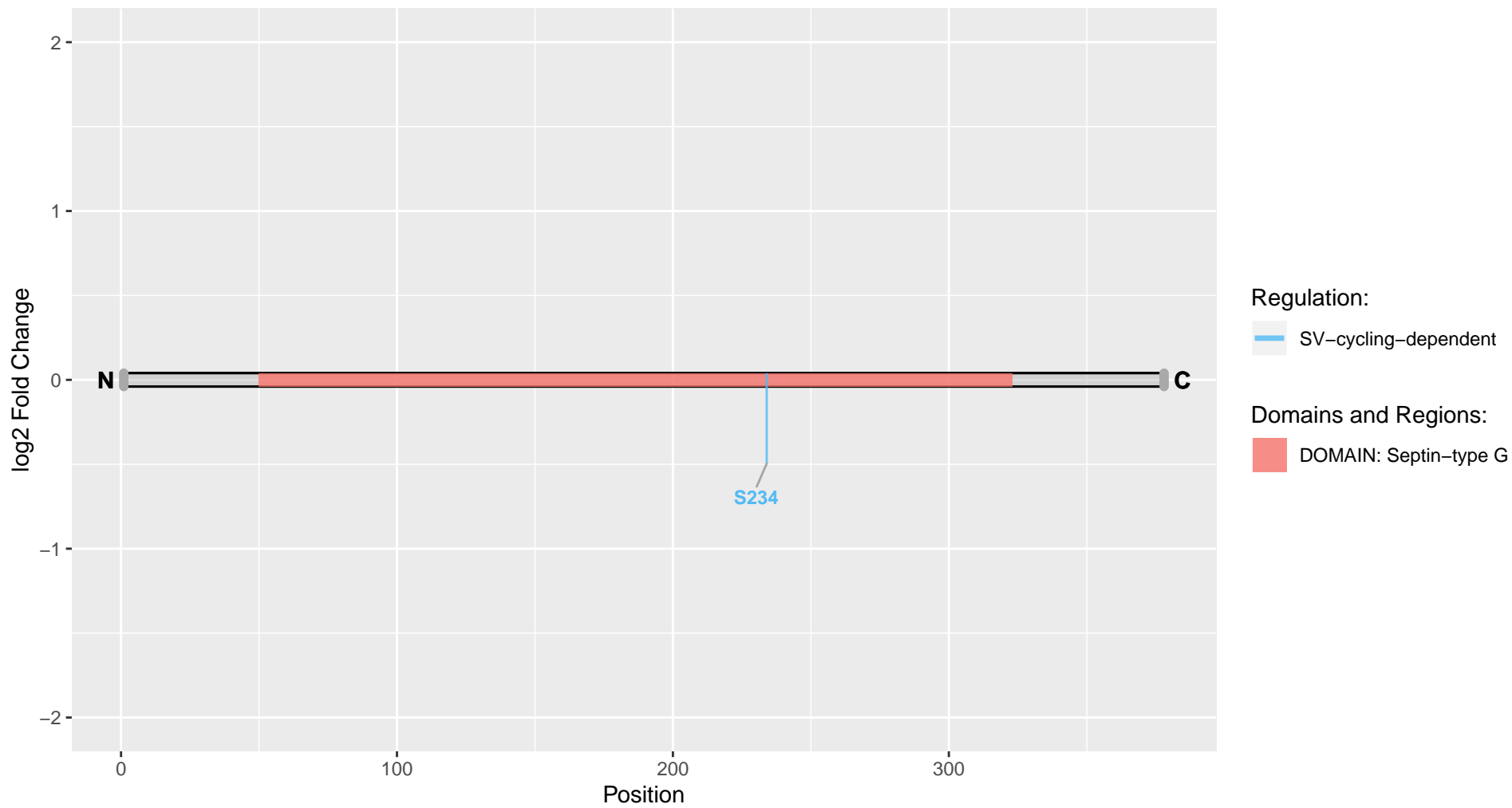
Septin 4



Sept5

Uniprot Accession: D3ZDH8

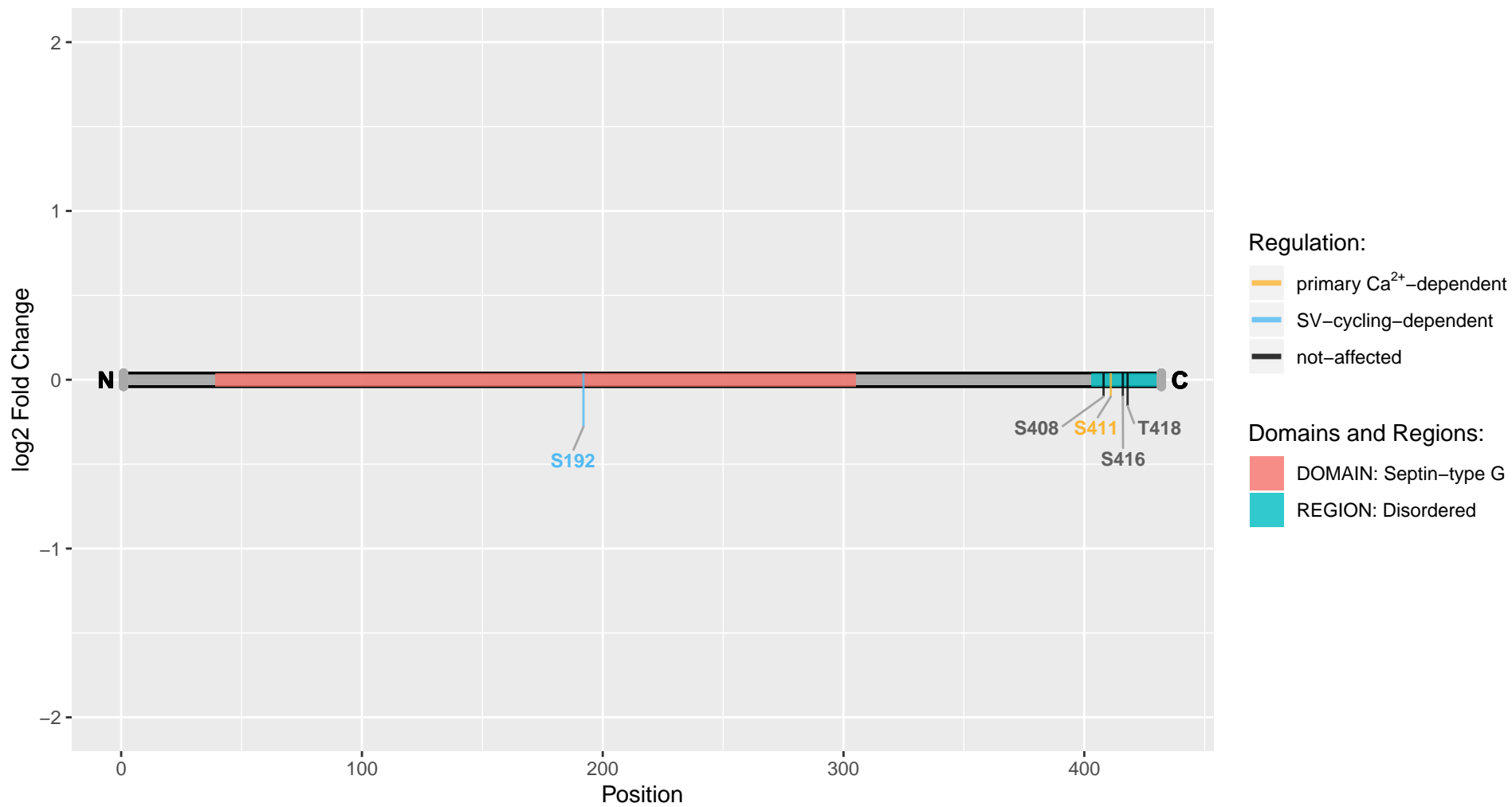
Septin 5, isoform CRA_d



Sept6

Uniprot Accession: A0A0U1RRT8

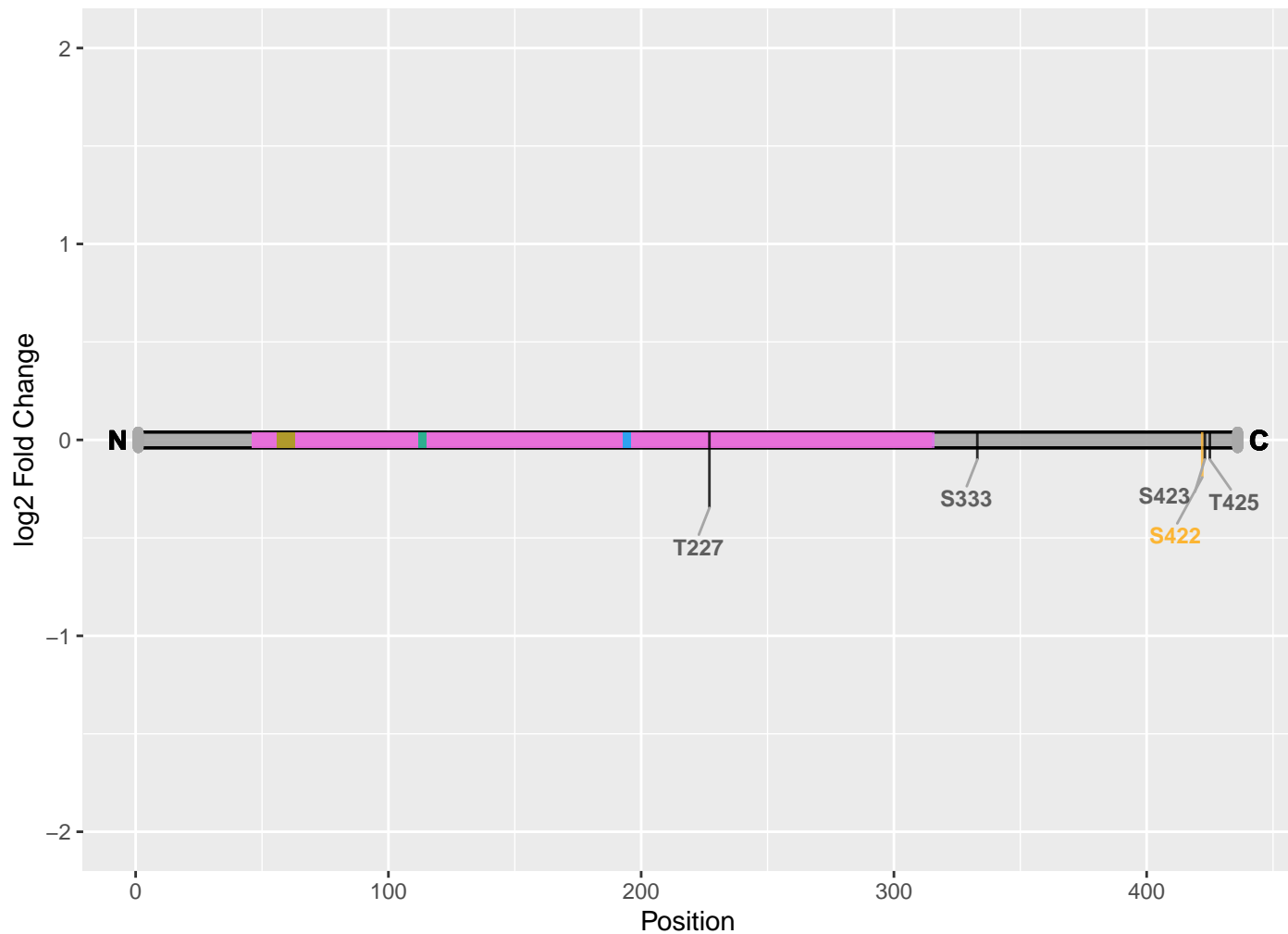
Septin 6



Sept7

Uniprot Accession: Q9WVC0

Septin-7



Regulation:

- primary Ca²⁺-dependent
- not-affected

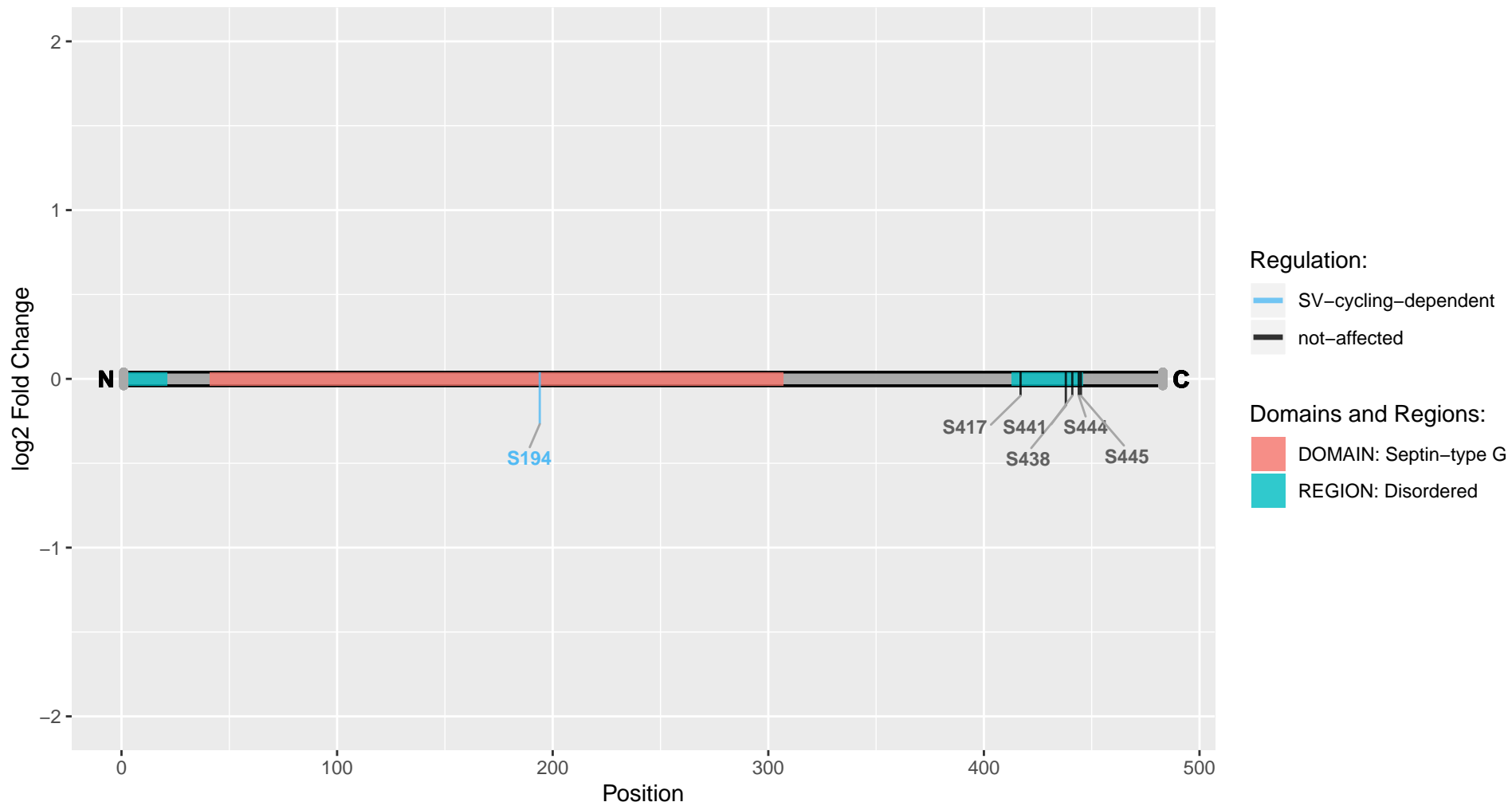
Domains and Regions:

- DOMAIN: Septin-type G
- REGION: G1 motif
- REGION: G3 motif
- REGION: G4 motif
- REGION: Interaction with SEPTIN12

Sept8

Uniprot Accession: A0A0G2K7G7

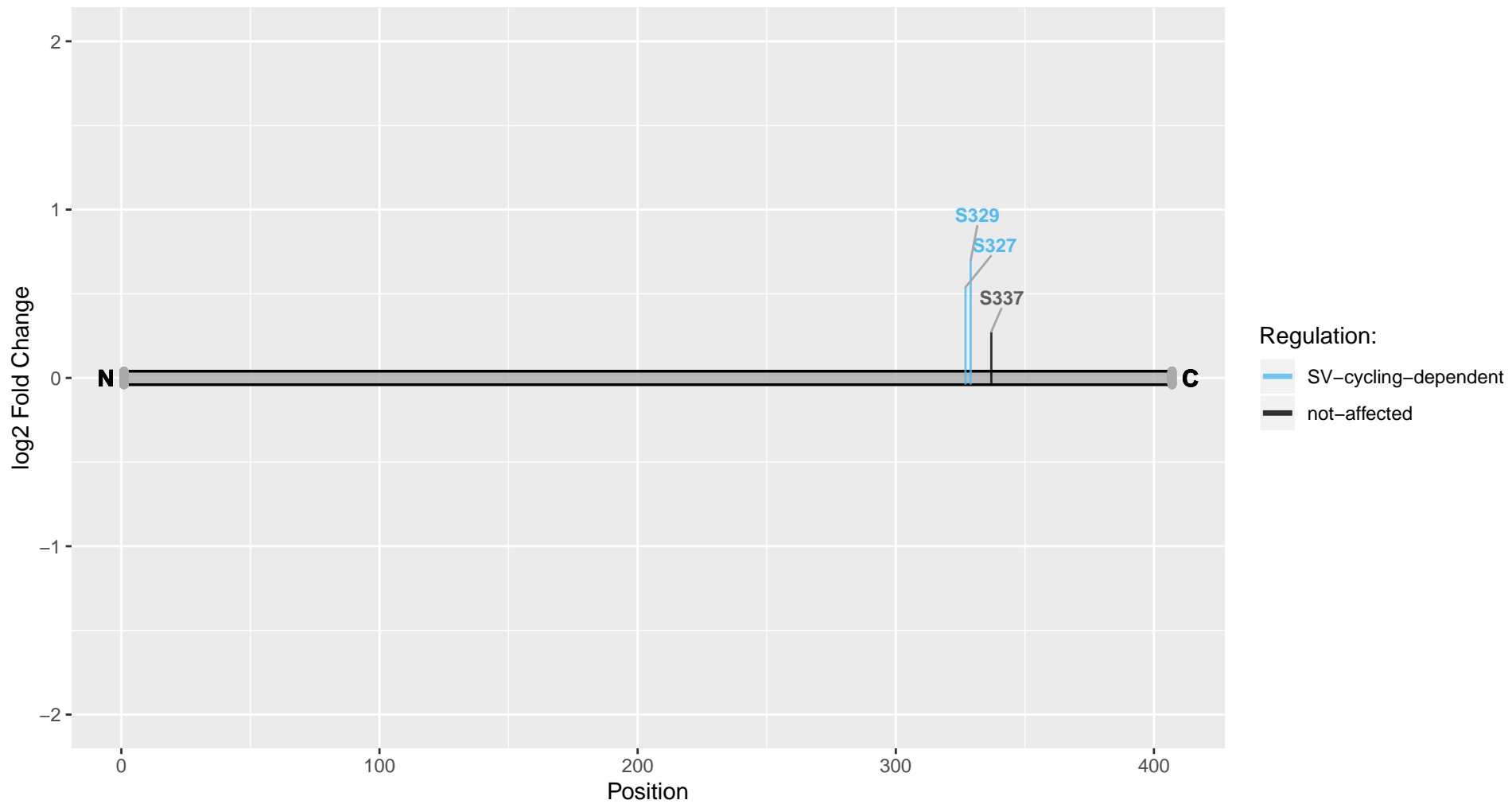
Septin-8



Serbp1

Uniprot Accession: Q6AXS5

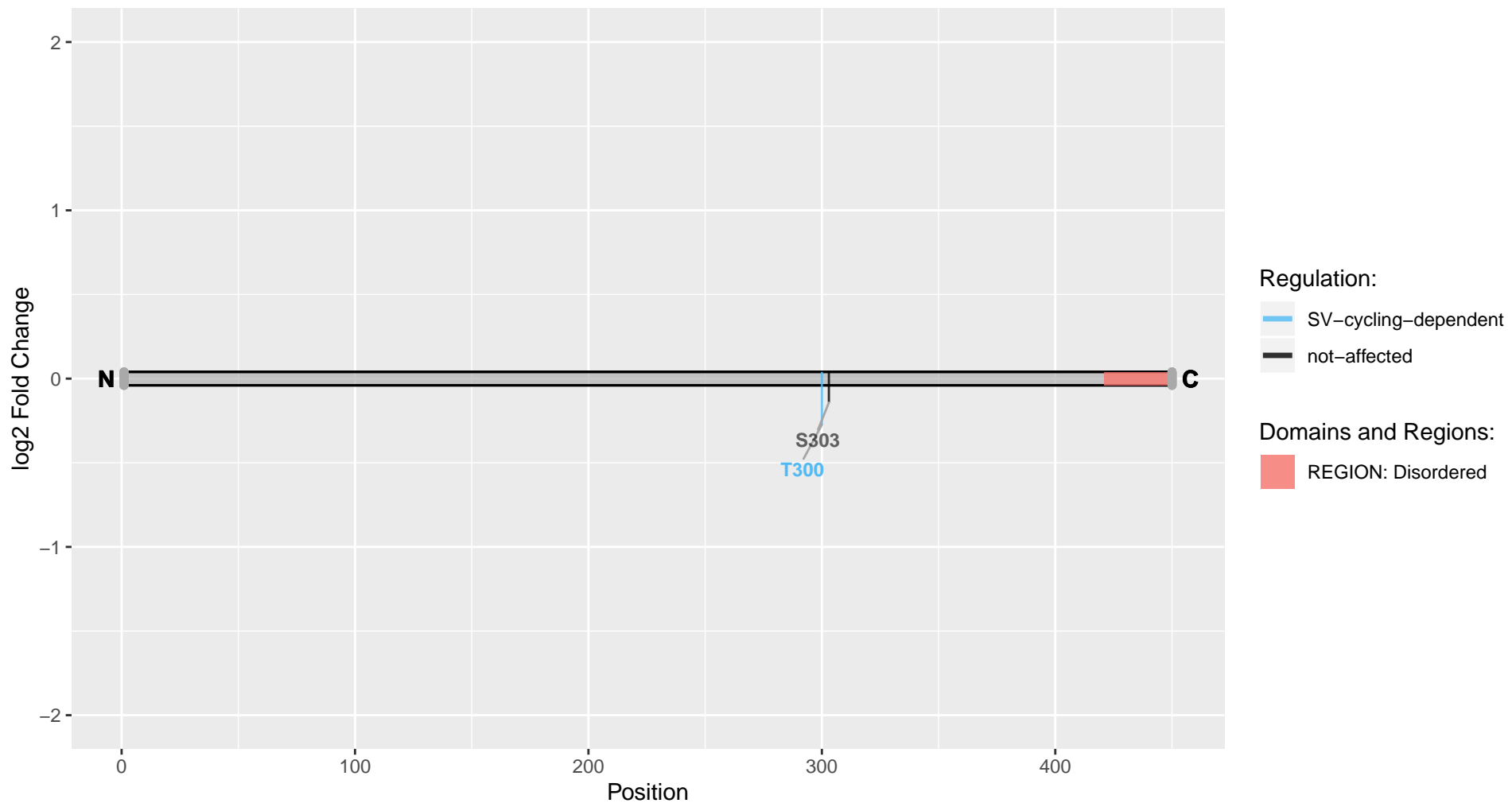
Plasminogen activator inhibitor 1 RNA-binding protein



Sergef

Uniprot Accession: D3ZN16

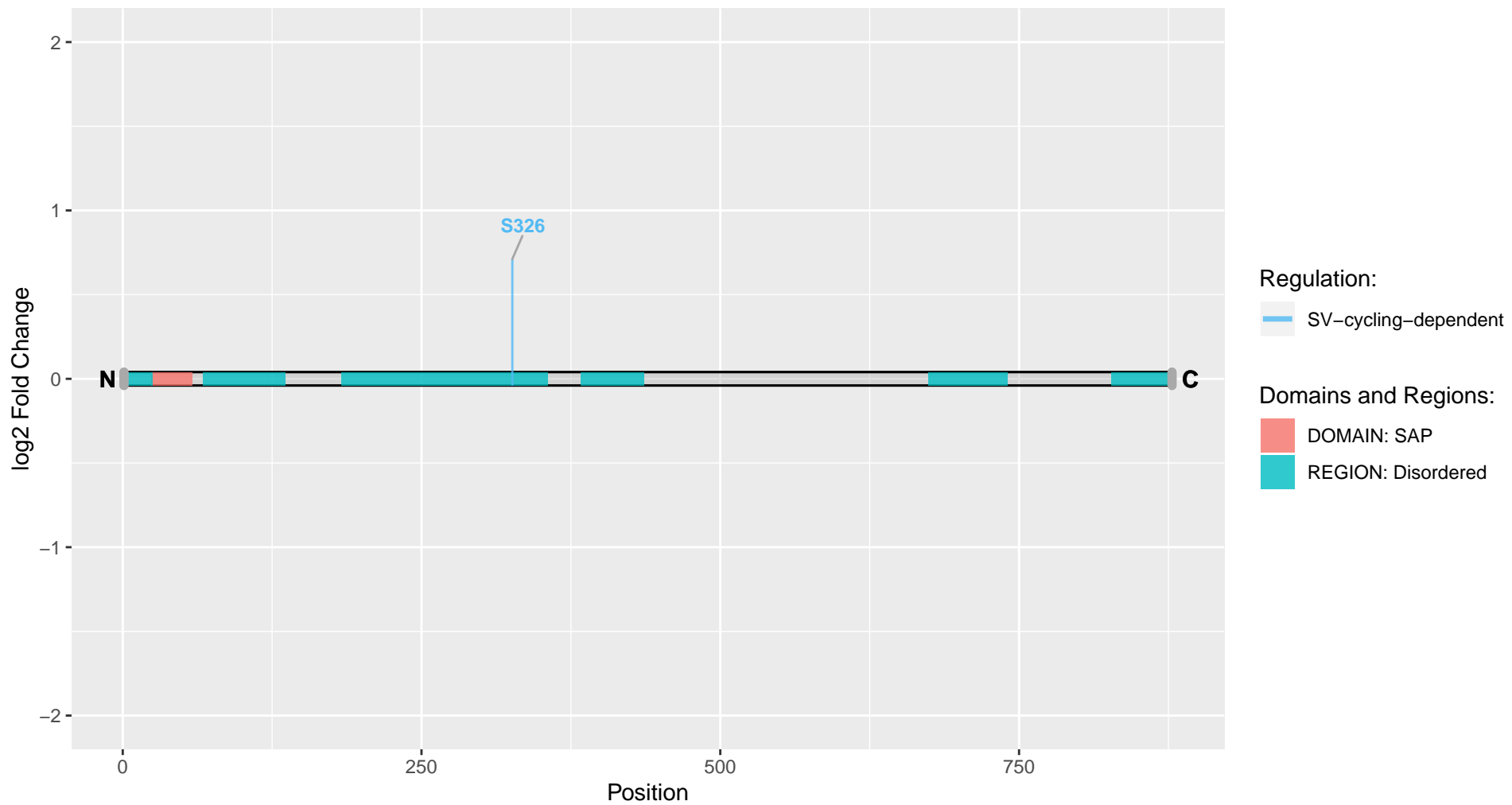
Secretion-regulating guanine nucleotide exchange factor



Sf3b2

Uniprot Accession: D3ZMS1

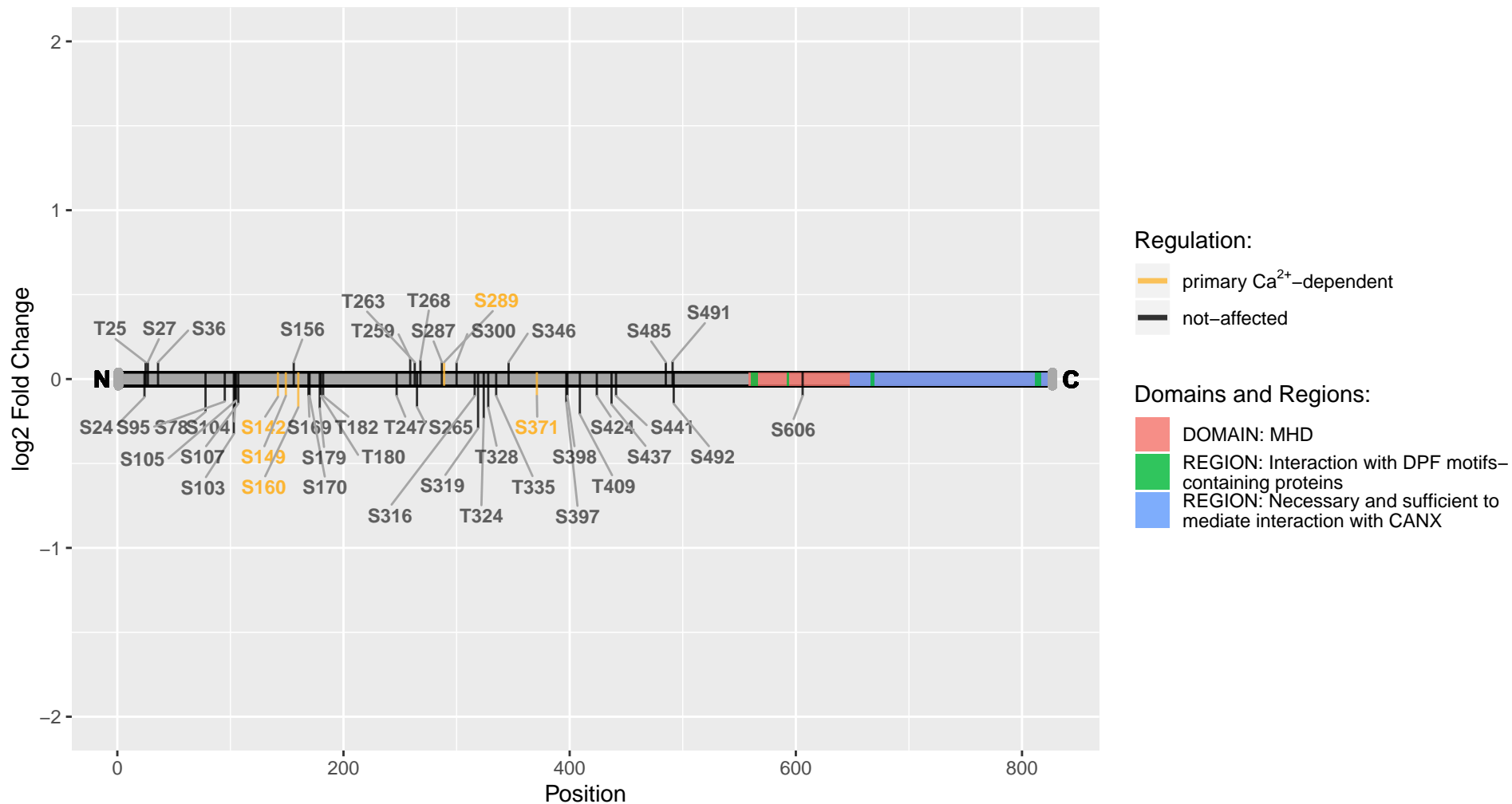
Splicing factor 3b, subunit 2



Sgip1

Uniprot Accession: P0DJJ3

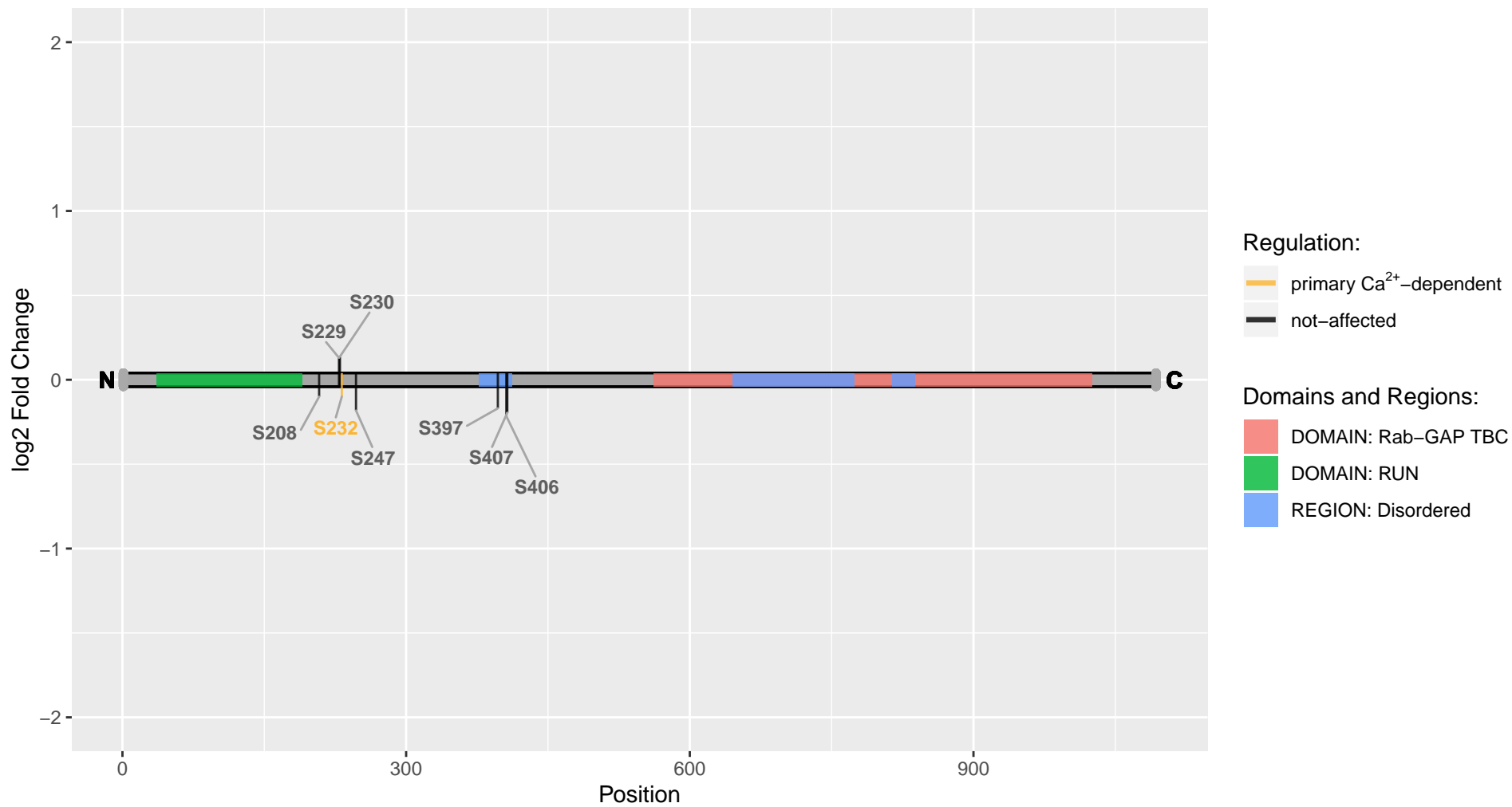
SH3-containing GRB2-like protein 3-interacting protein 1



Sgsm1

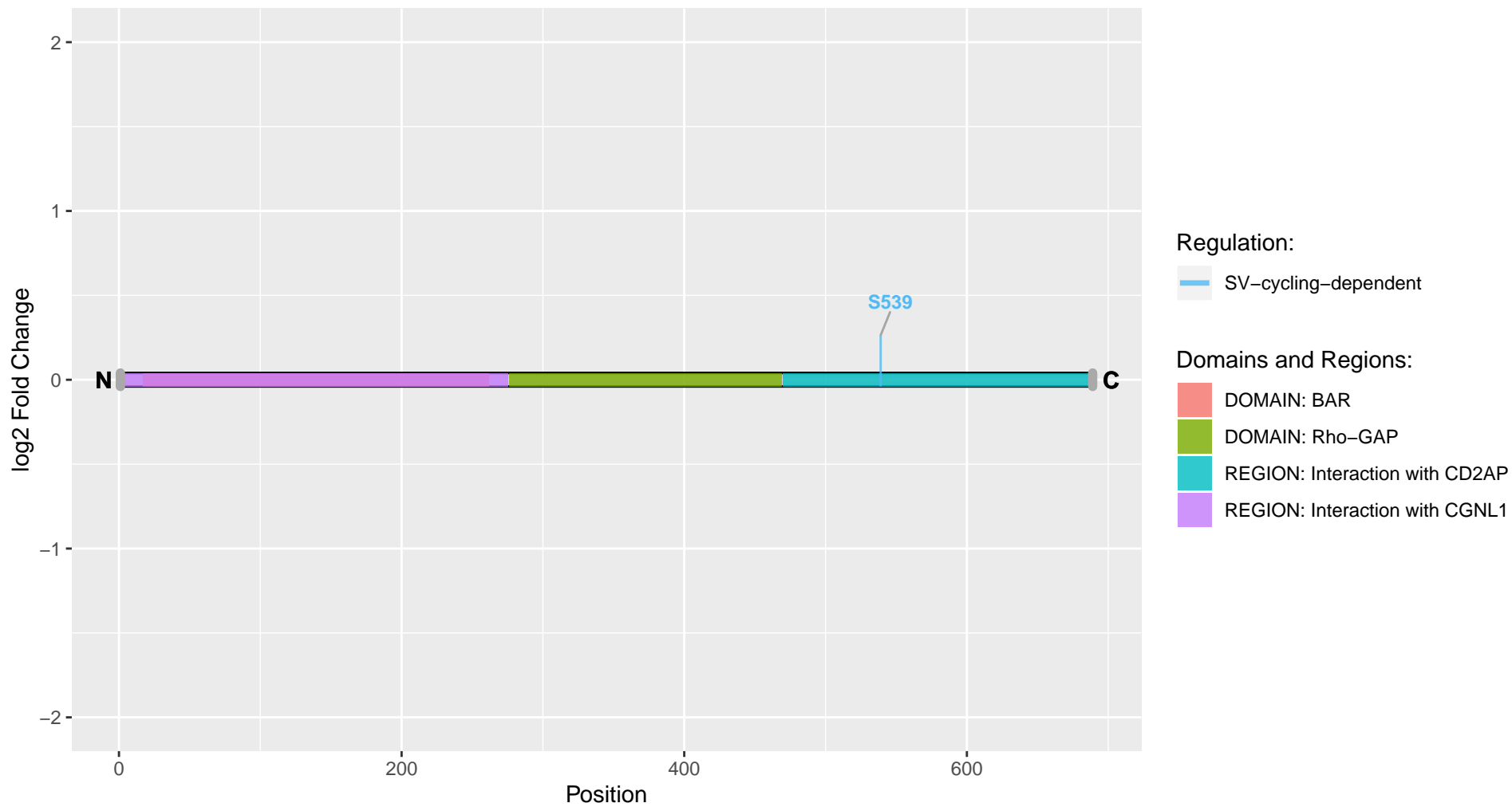
Uniprot Accession: D3ZAS2

Small G protein–signaling modulator 1



Sh3bp1

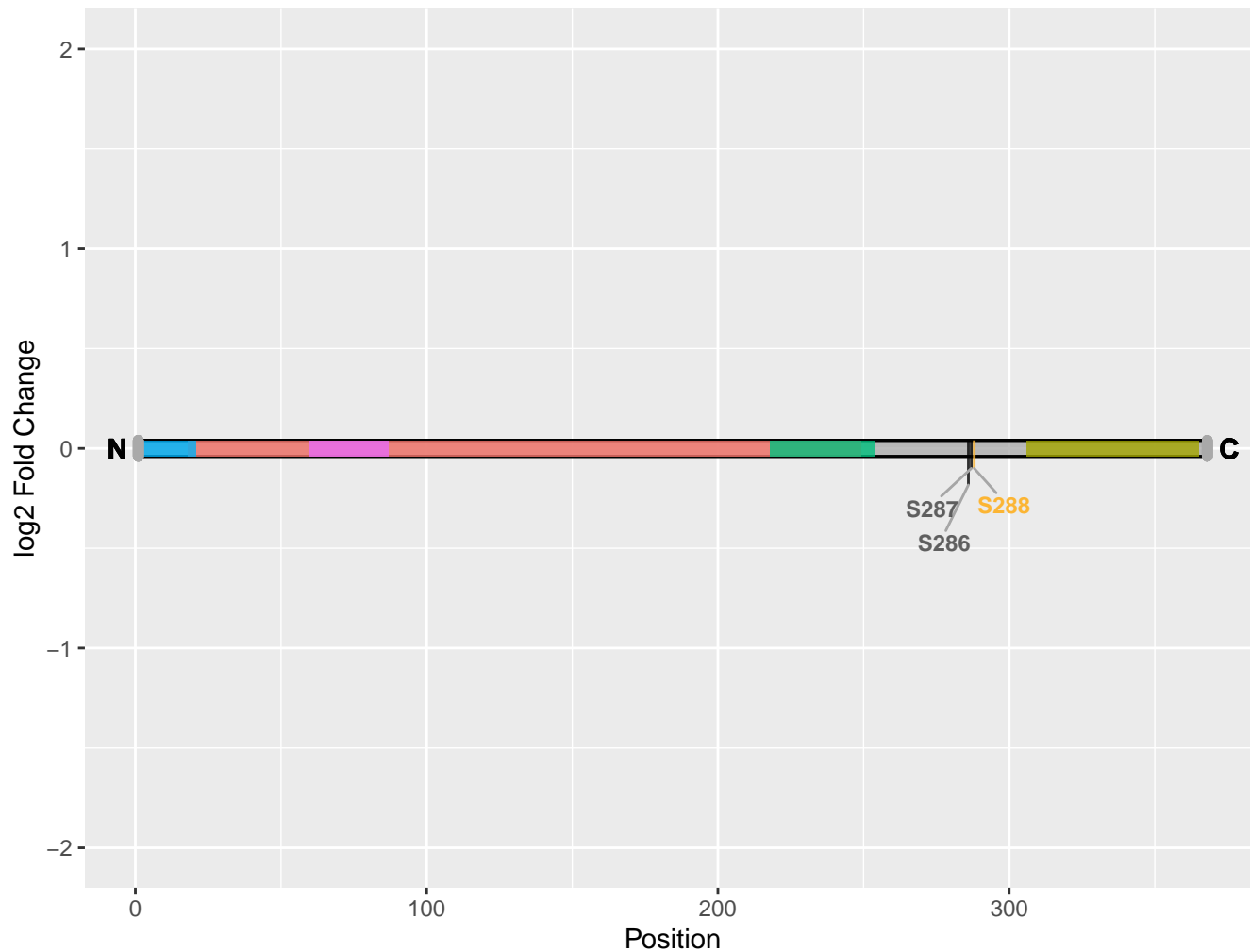
Uniprot Accession: D3ZFJ3
SH3 domain-binding protein 1



Sh3gl1

Uniprot Accession: O35964

Endophilin-A2



Regulation:

- primary Ca²⁺-dependent
- not-affected

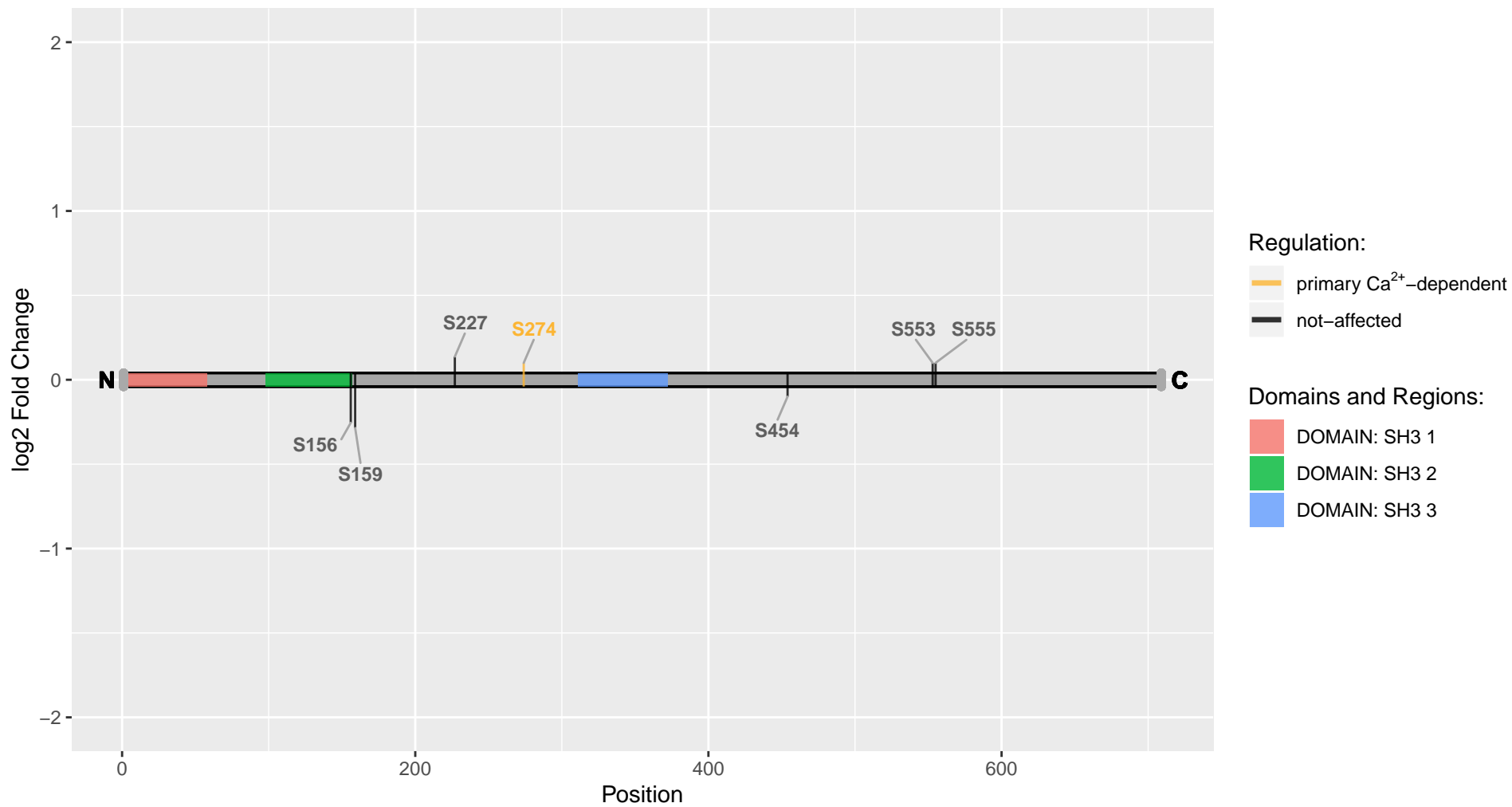
Domains and Regions:

- DOMAIN: BAR
- DOMAIN: SH3
- REGION: Interaction with ARC
- REGION: Membrane-binding amphipathic helix
- REGION: Required for dimerization upon membrane association

Sh3kbp1

Uniprot Accession: Q925Q9

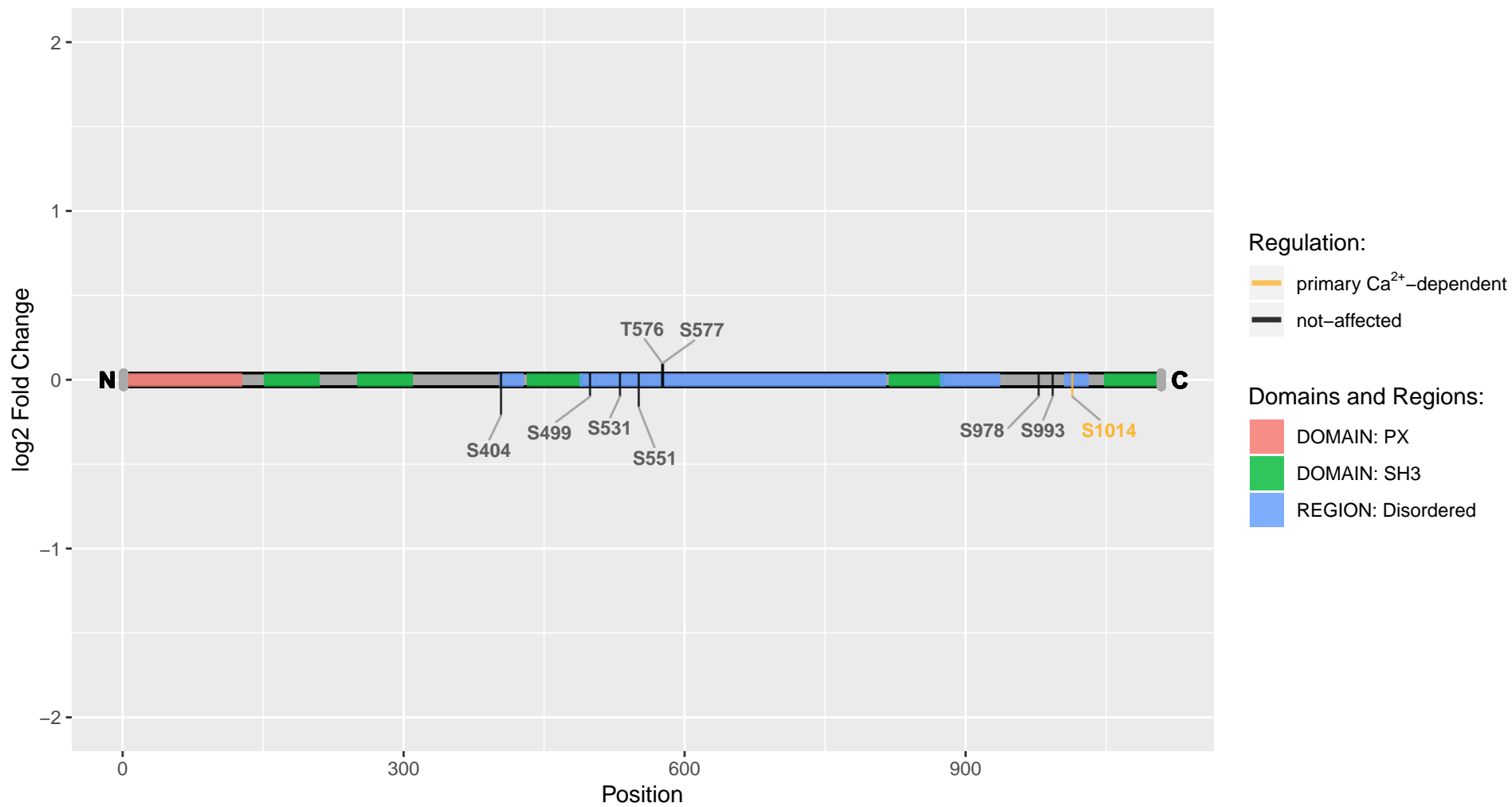
SH3 domain-containing kinase-binding protein 1



Sh3pxd2a

Uniprot Accession: A0A0G2JX92

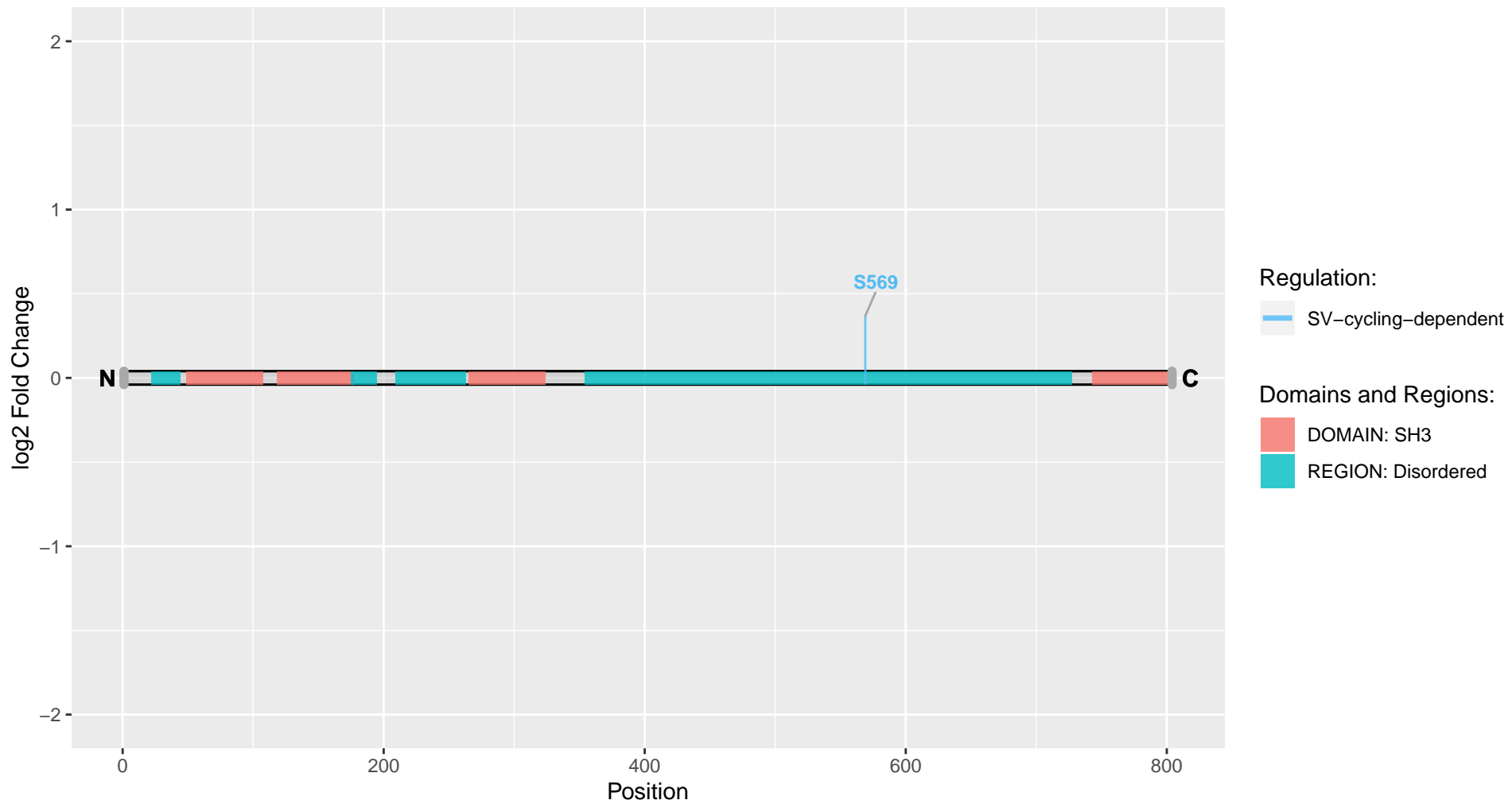
SH3 and PX domains 2A



Sh3pxd2b

Uniprot Accession: D3ZAF9

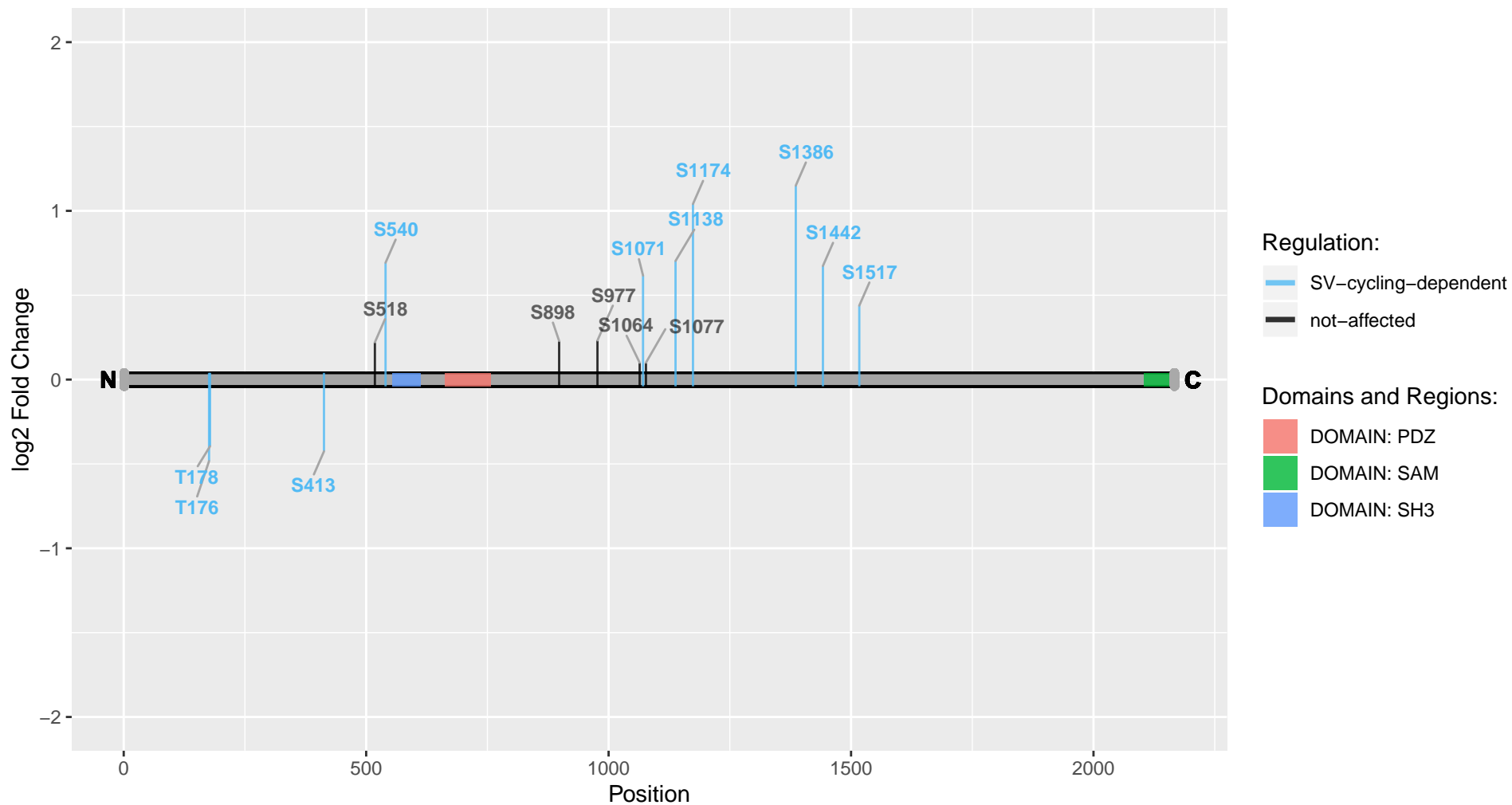
SH3 and PX domains 2B



Shank1

Uniprot Accession: Q9WV48

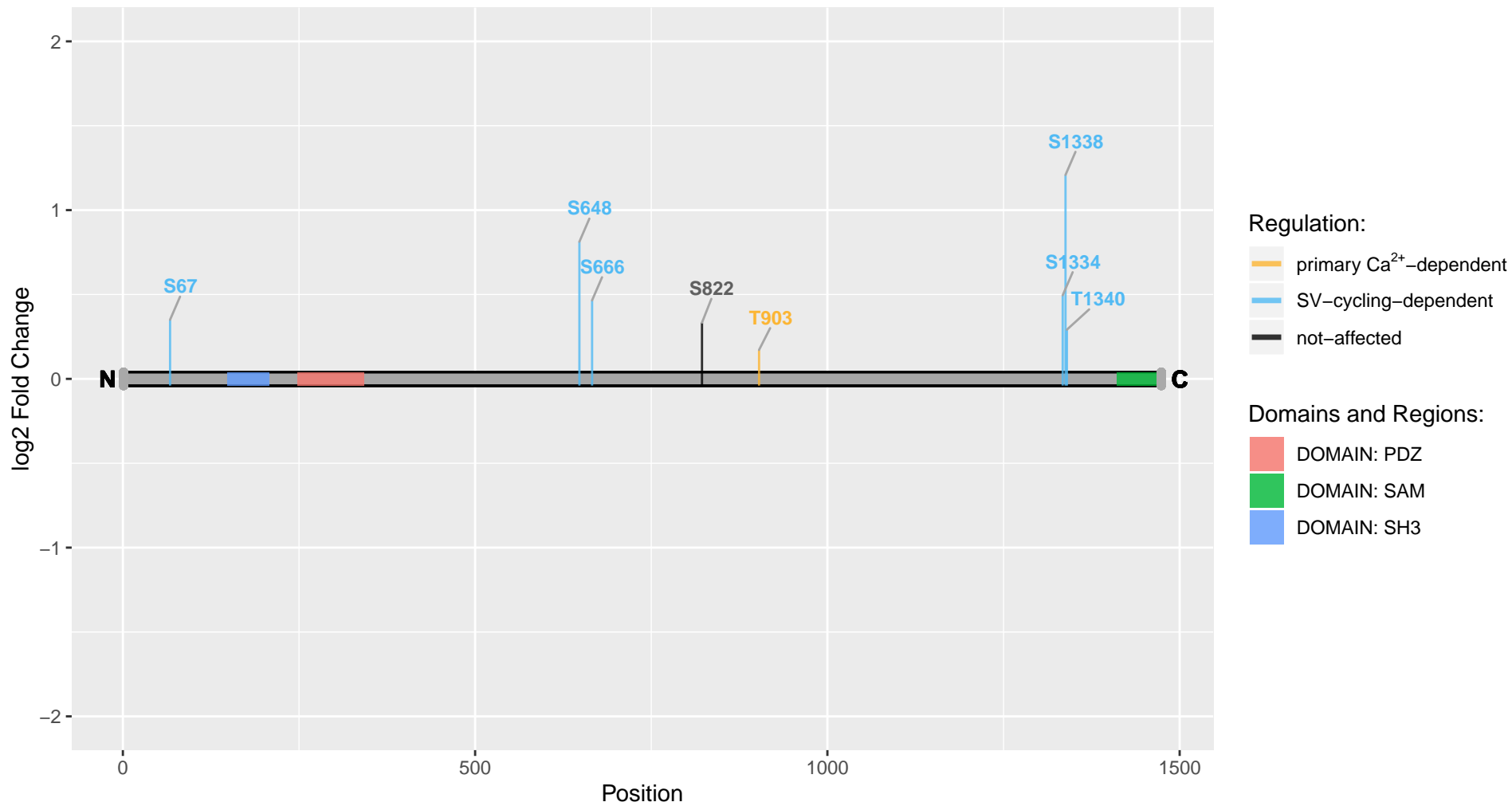
SH3 and multiple ankyrin repeat domains protein 1



Shank2

Uniprot Accession: Q9QX74

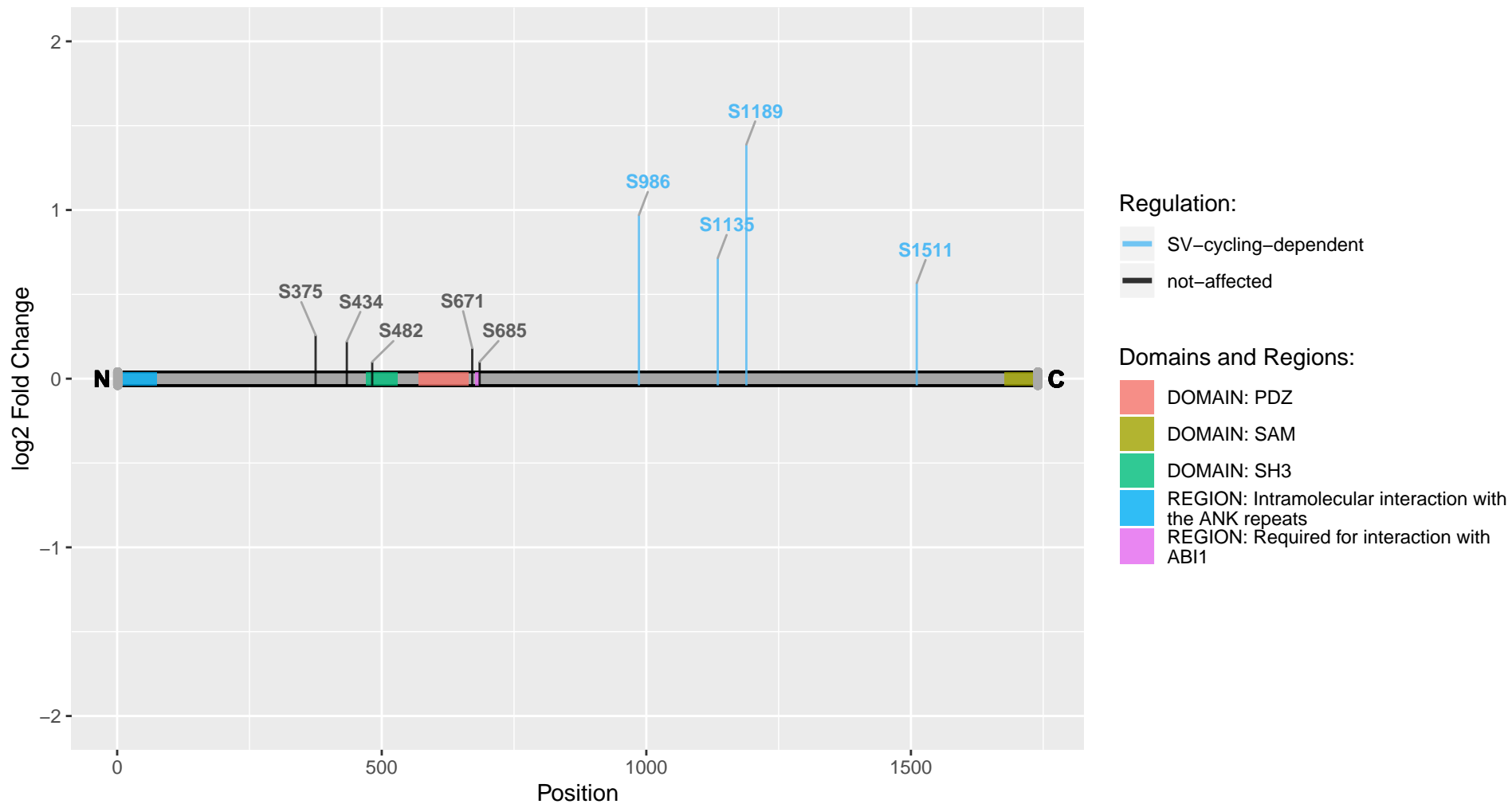
SH3 and multiple ankyrin repeat domains protein 2



Shank3

Uniprot Accession: Q9JLU4

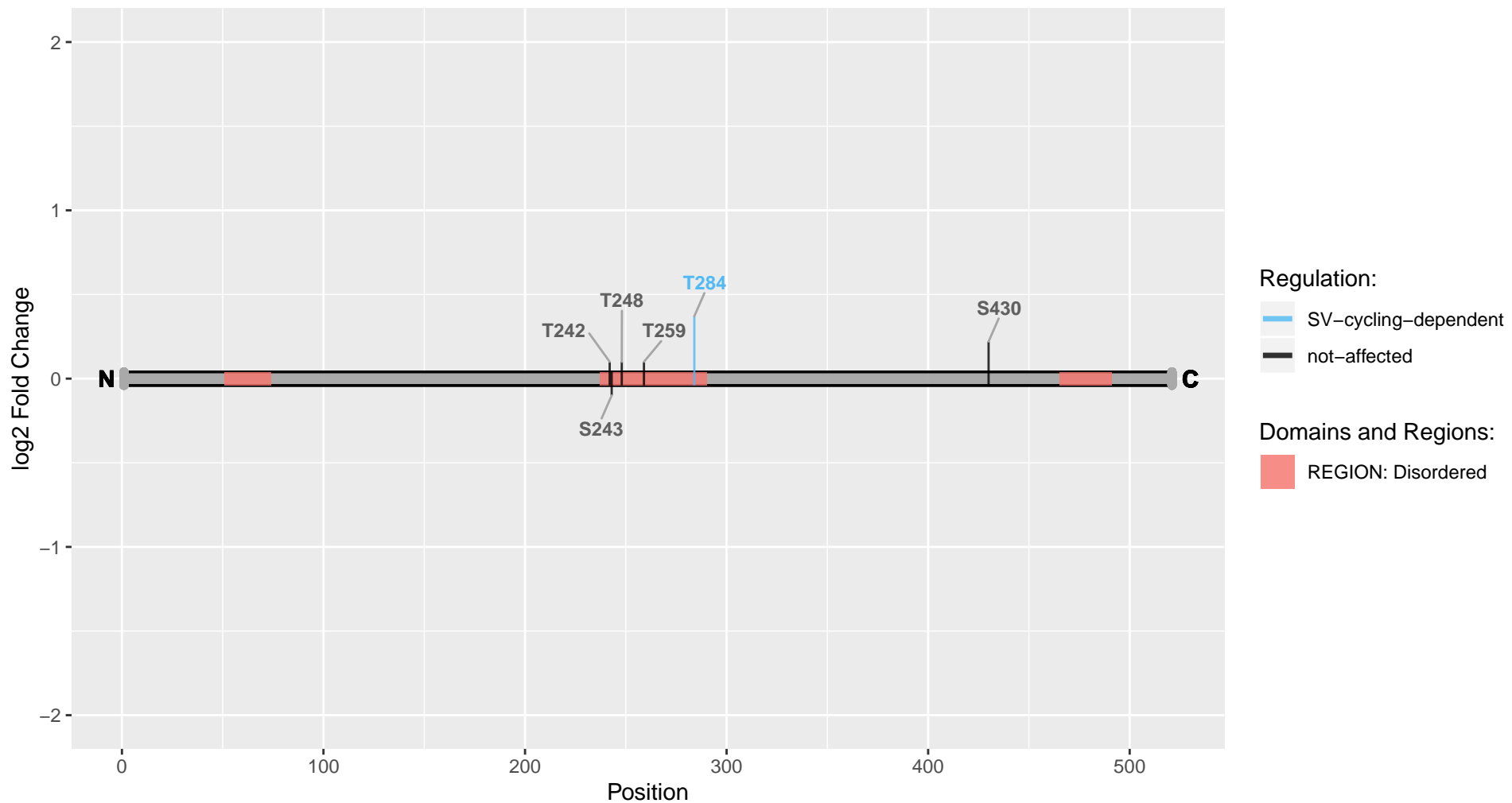
SH3 and multiple ankyrin repeat domains protein 3



Shisa6

Uniprot Accession: D4A4M0

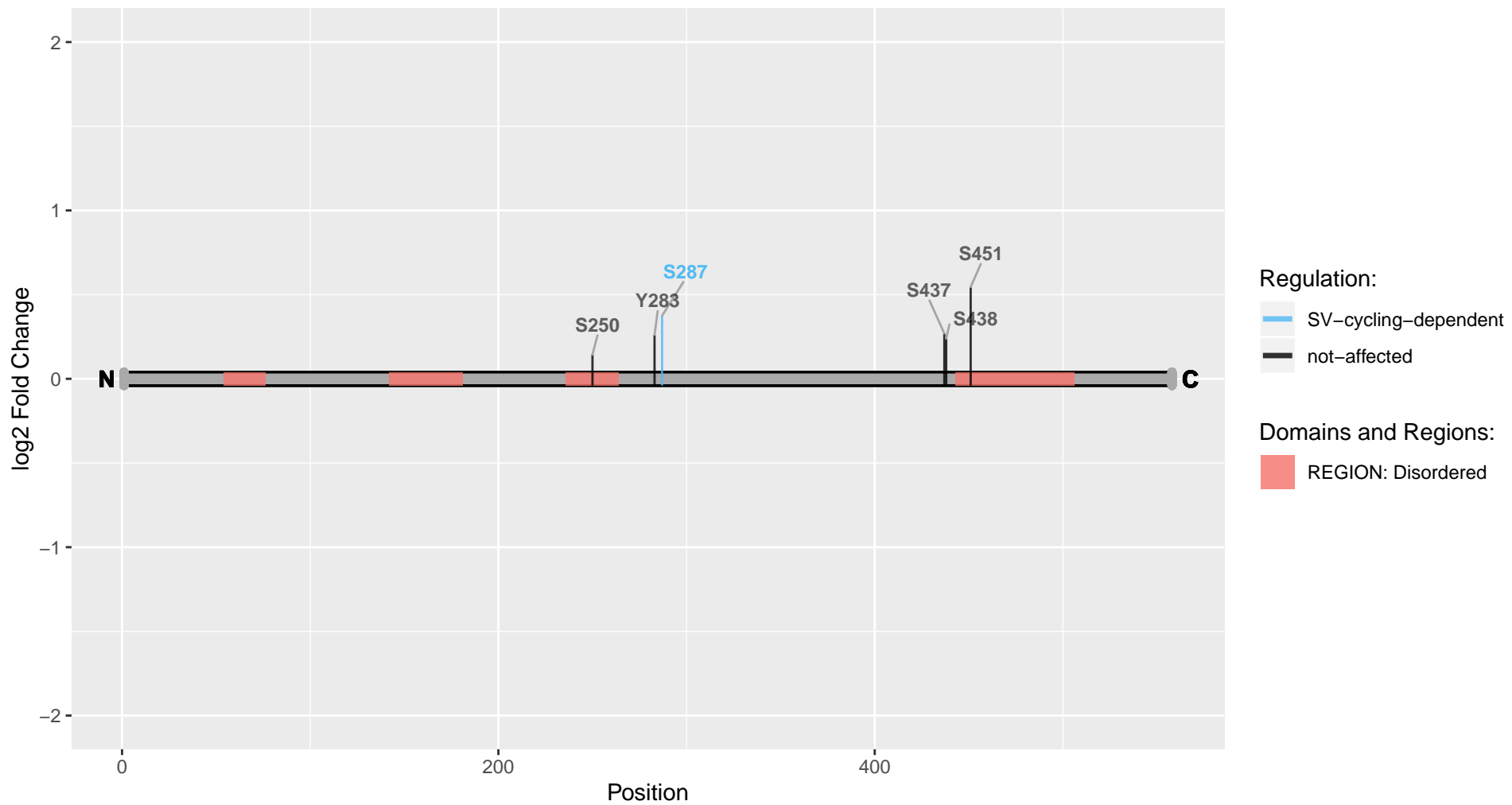
Shisa family member 6



Shisa7

Uniprot Accession: D3ZPJ0

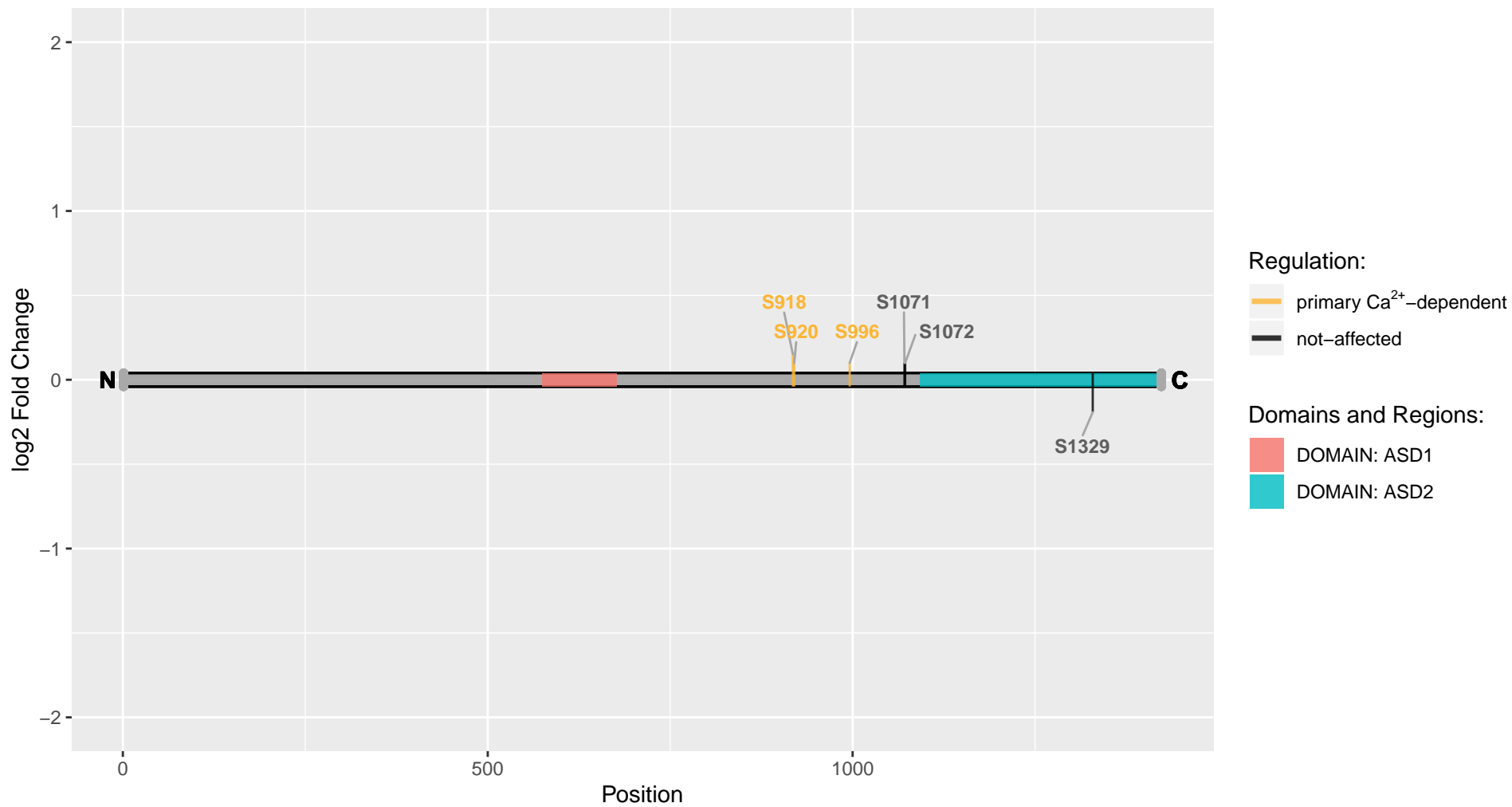
Shisa family member 7



Shroom2

Uniprot Accession: Q7TP36

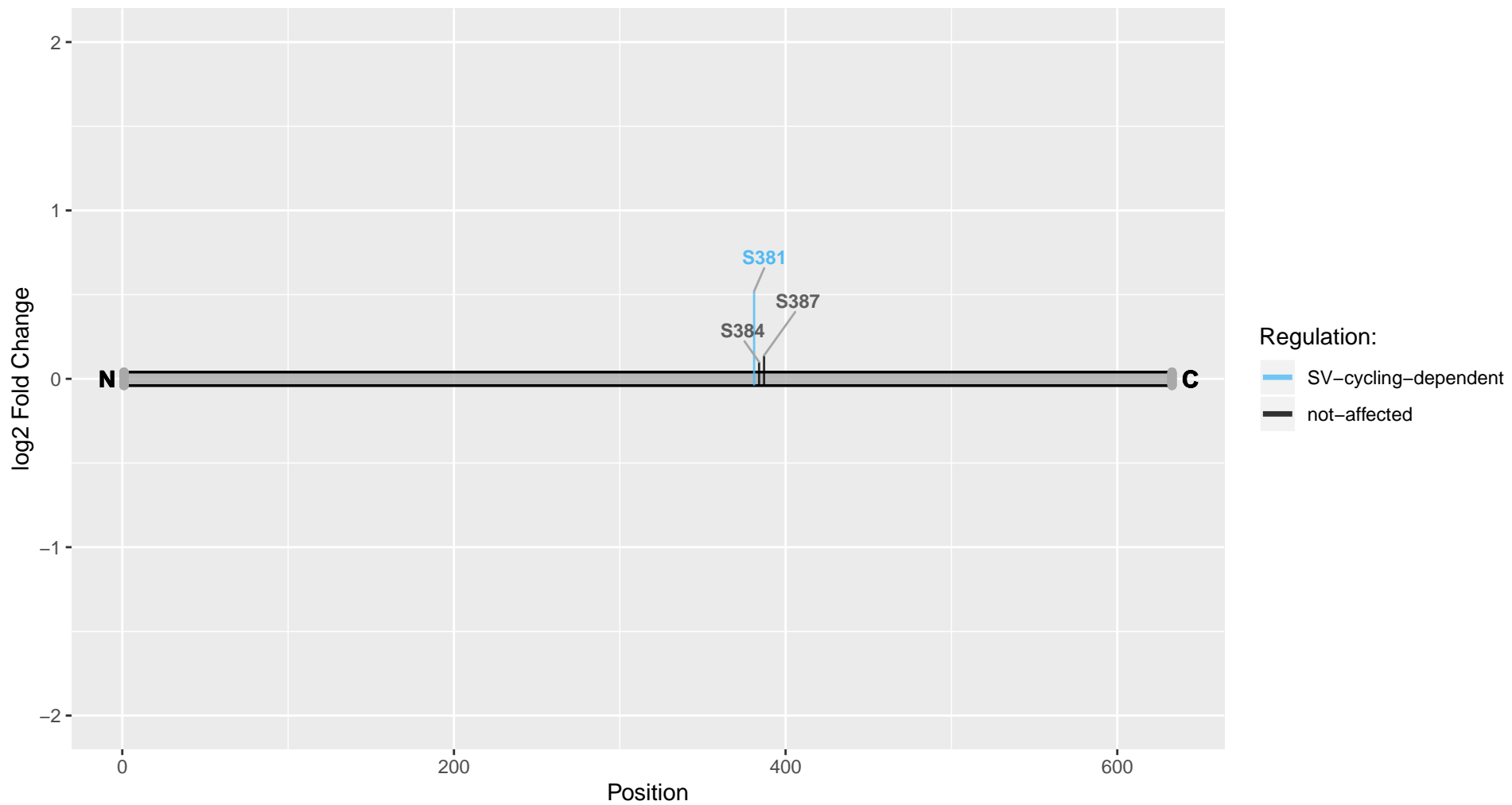
Protein Shroom2



Shtn1

Uniprot Accession: A0MZ67

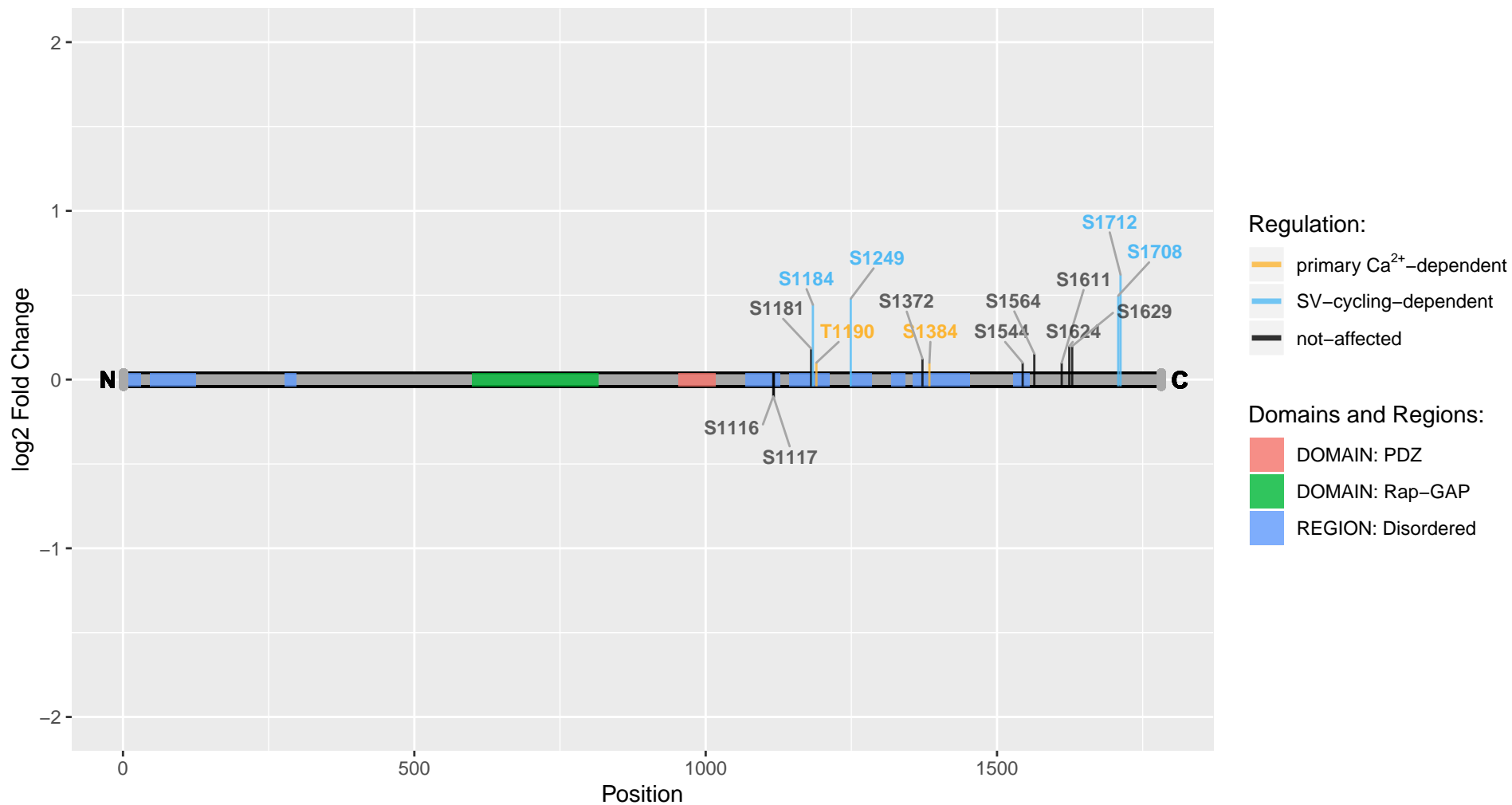
Shootin-1



Sipa111

Uniprot Accession: A0A0G2KAW2

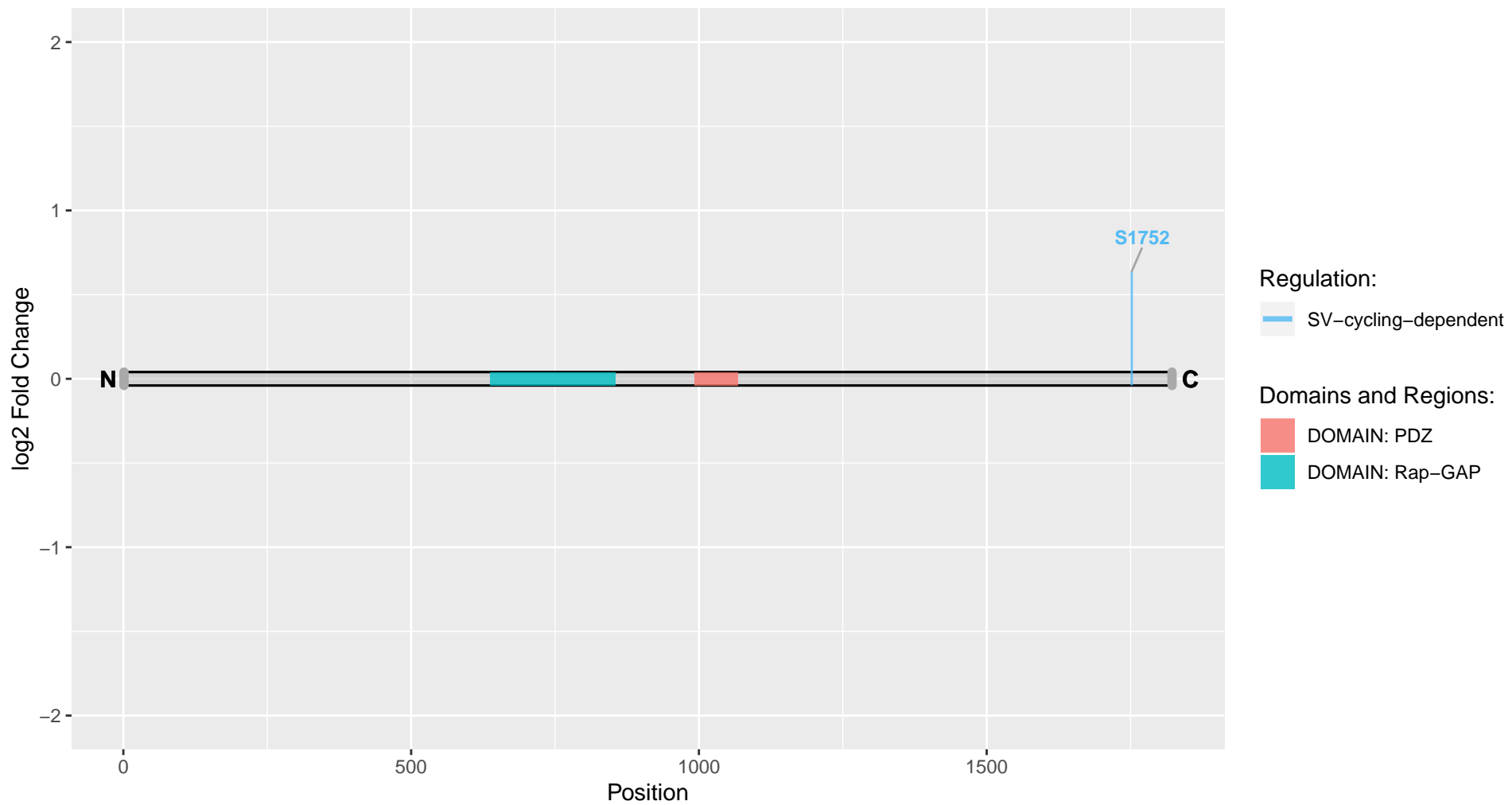
Signal-induced proliferation-associated 1 like 1, isoform CRA_b



Sipa111

Uniprot Accession: O35412

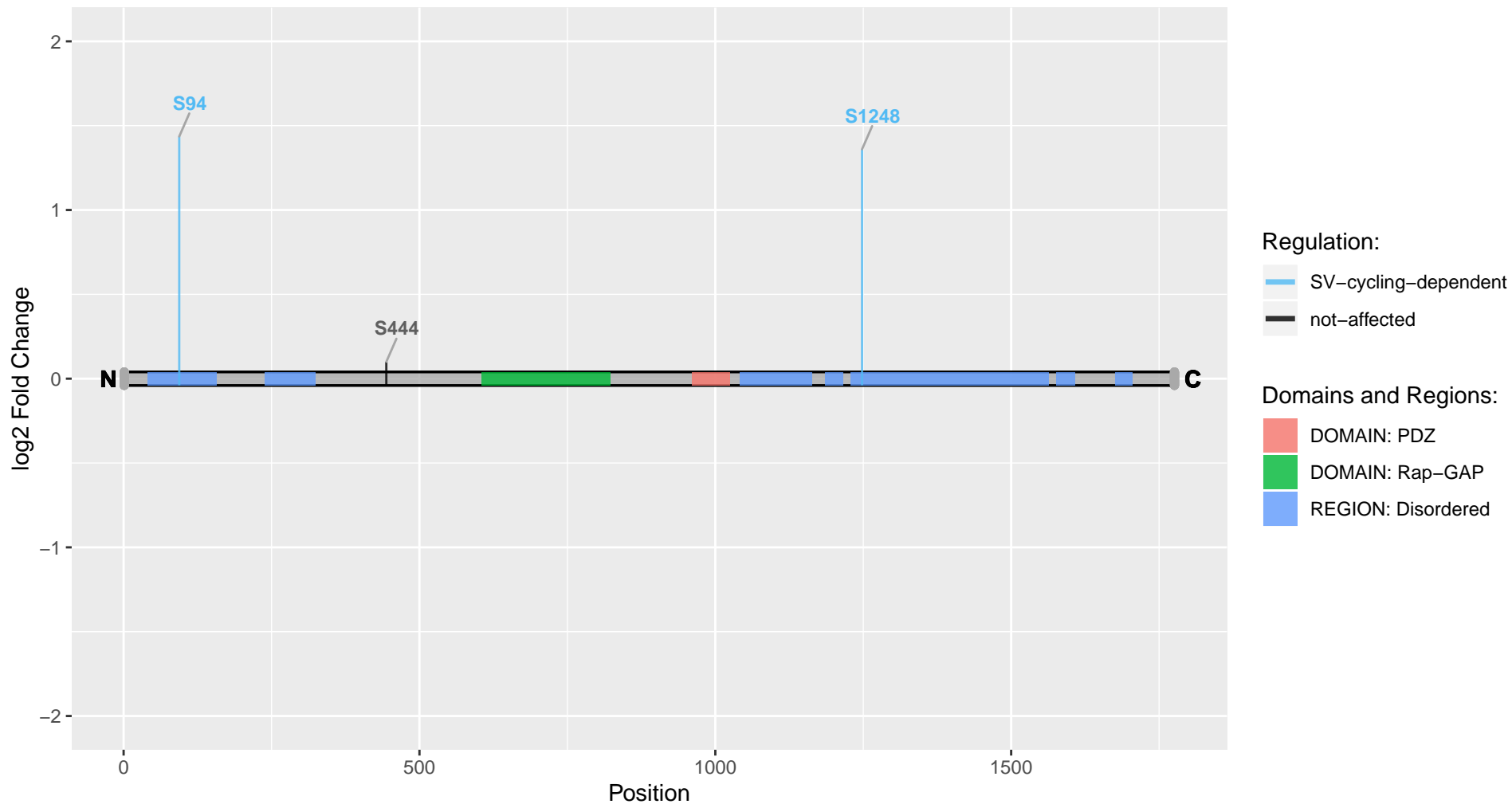
Signal-induced proliferation-associated 1-like protein 1



Sipa1l3

Uniprot Accession: F1LYG2

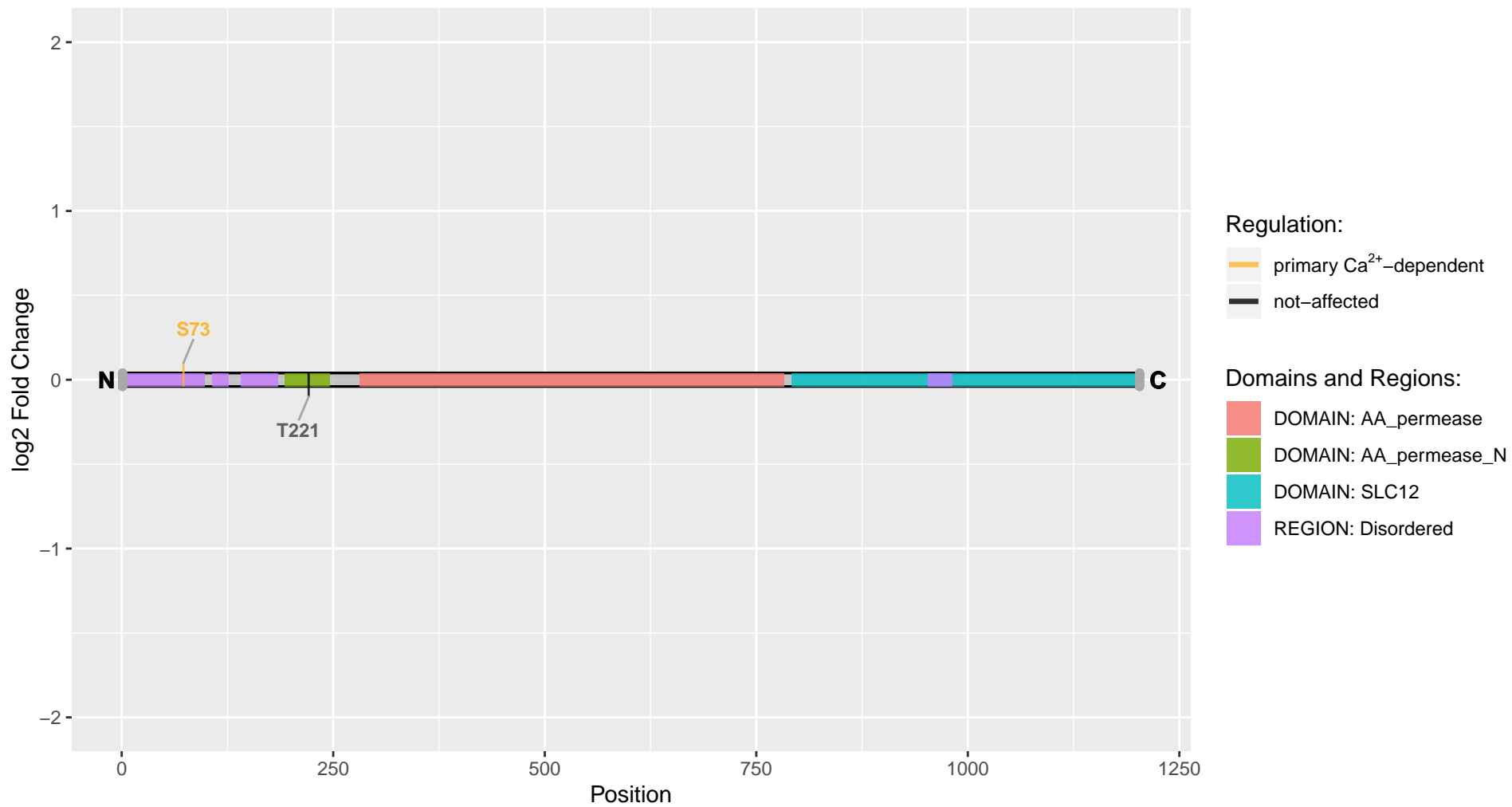
RCG54282



Slc12a2

Uniprot Accession: E9PTX9

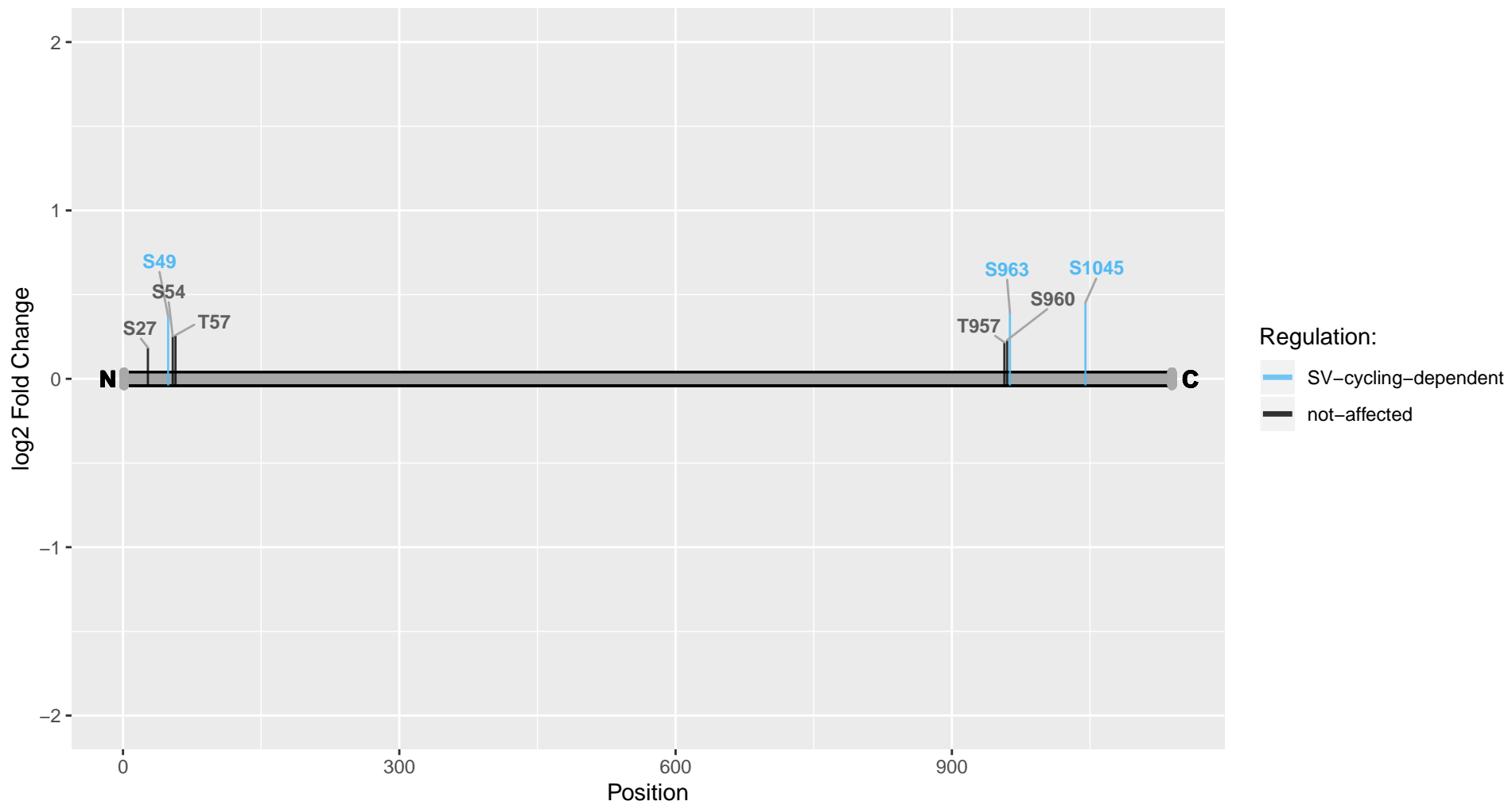
Solute carrier family 12 member 2



Slc12a5

Uniprot Accession: Q63633

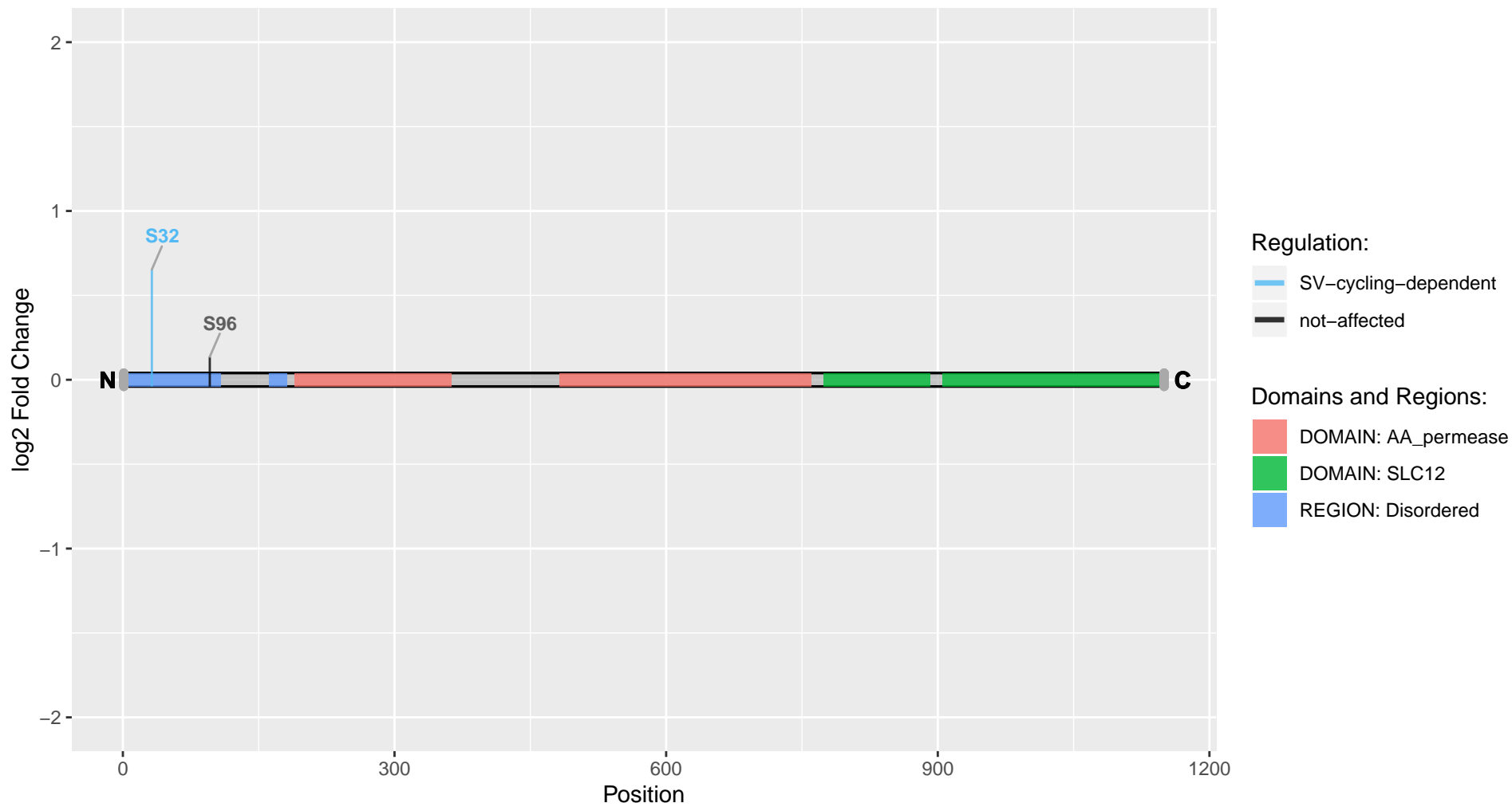
Solute carrier family 12 member 5



Slc12a6

Uniprot Accession: G3V6N7

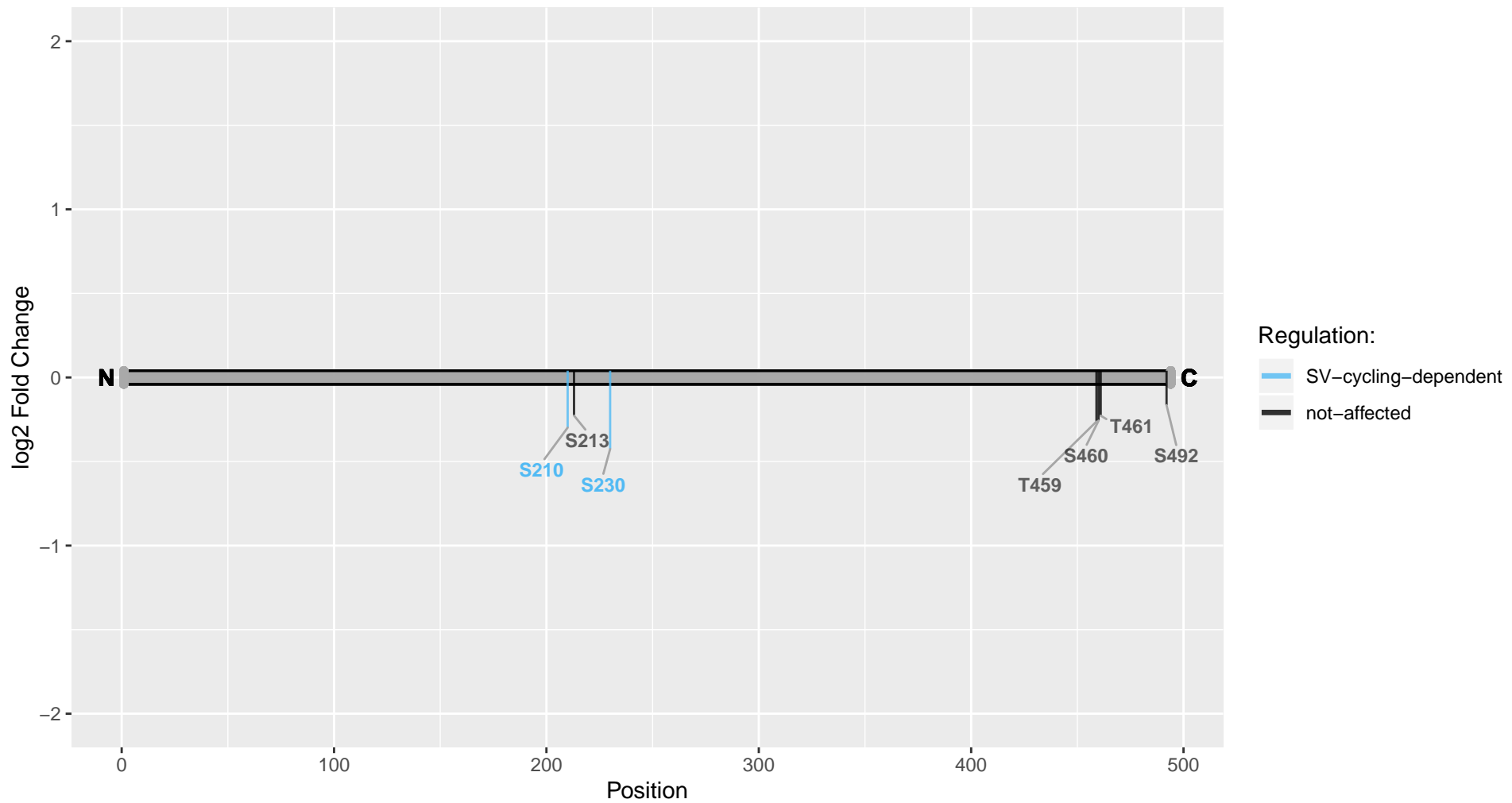
RCG27287, isoform CRA_a



Slc16a1

Uniprot Accession: P53987

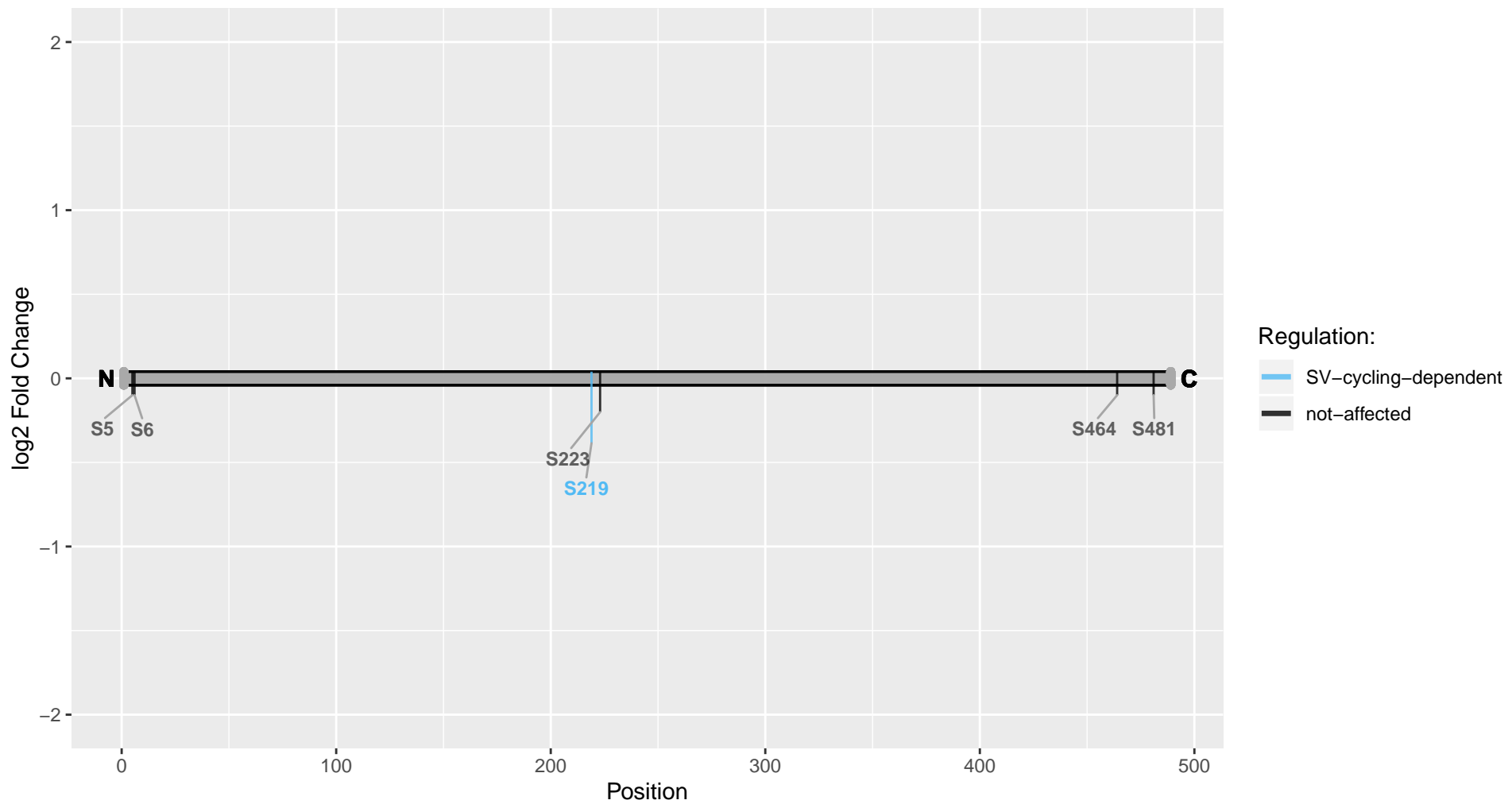
Monocarboxylate transporter 1



Slc16a7

Uniprot Accession: Q63344

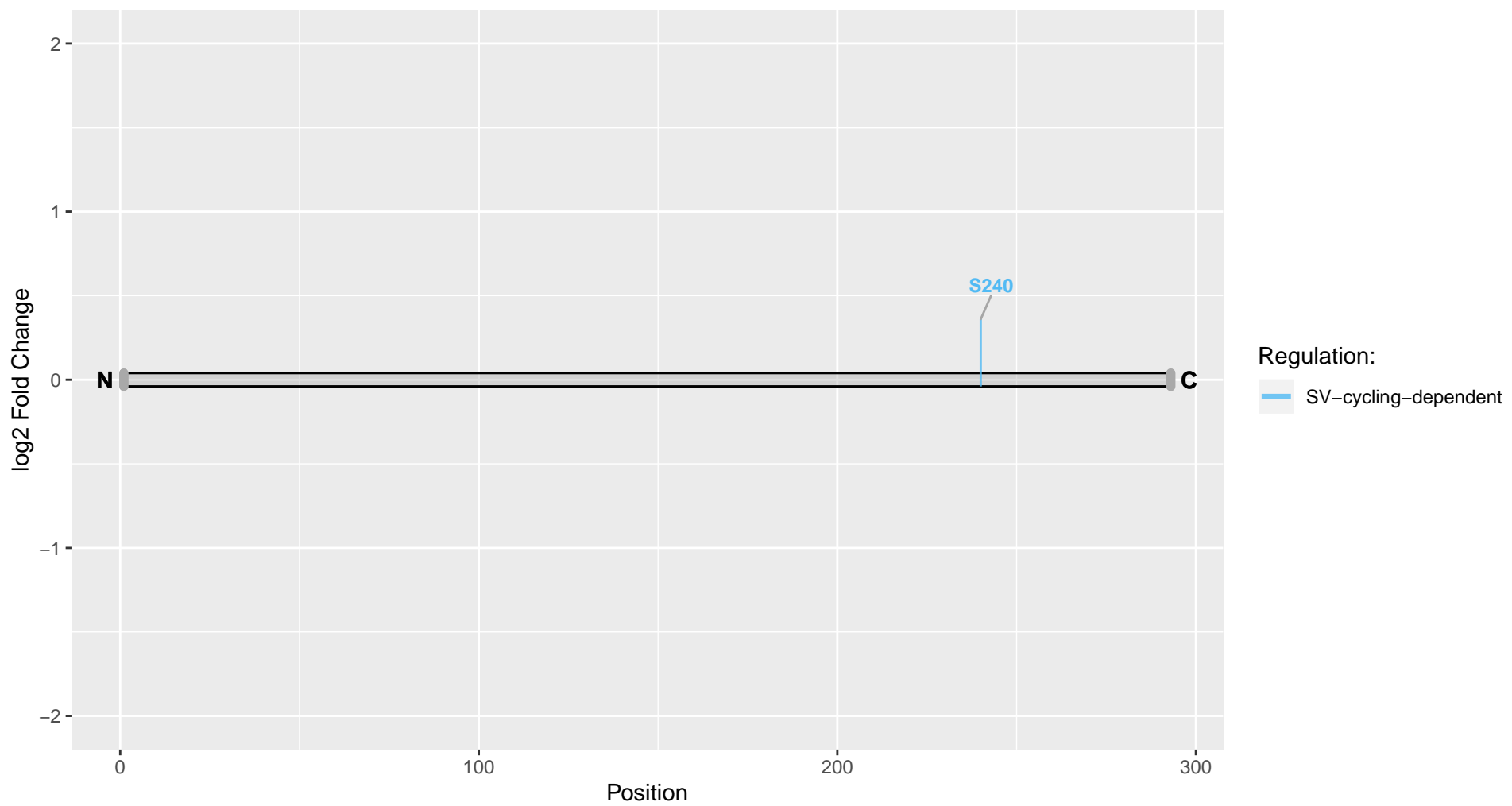
Monocarboxylate transporter 2



Slc1a2

Uniprot Accession: G3V6R0

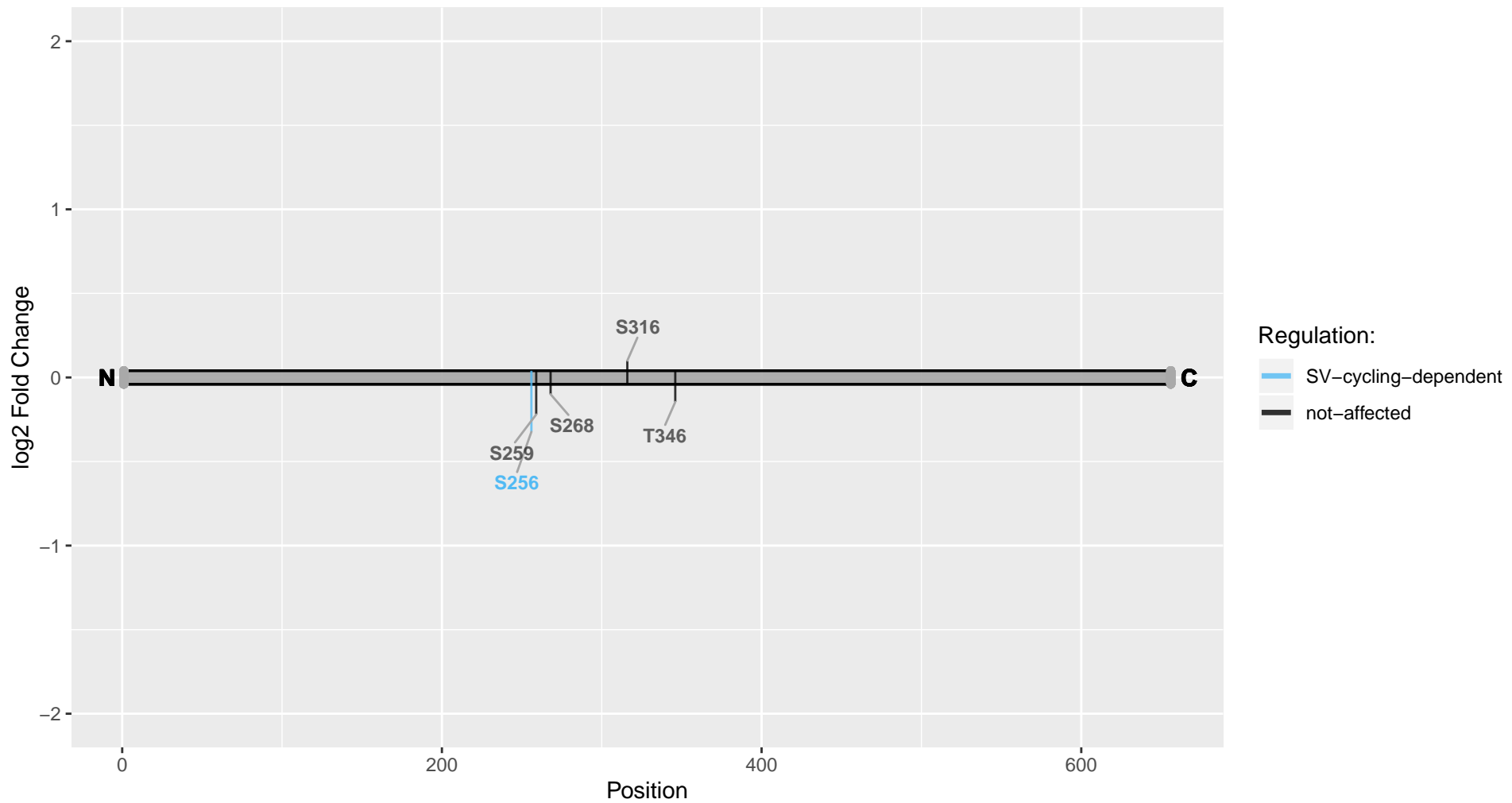
Amino acid transporter



Slc20a2

Uniprot Accession: Q63488

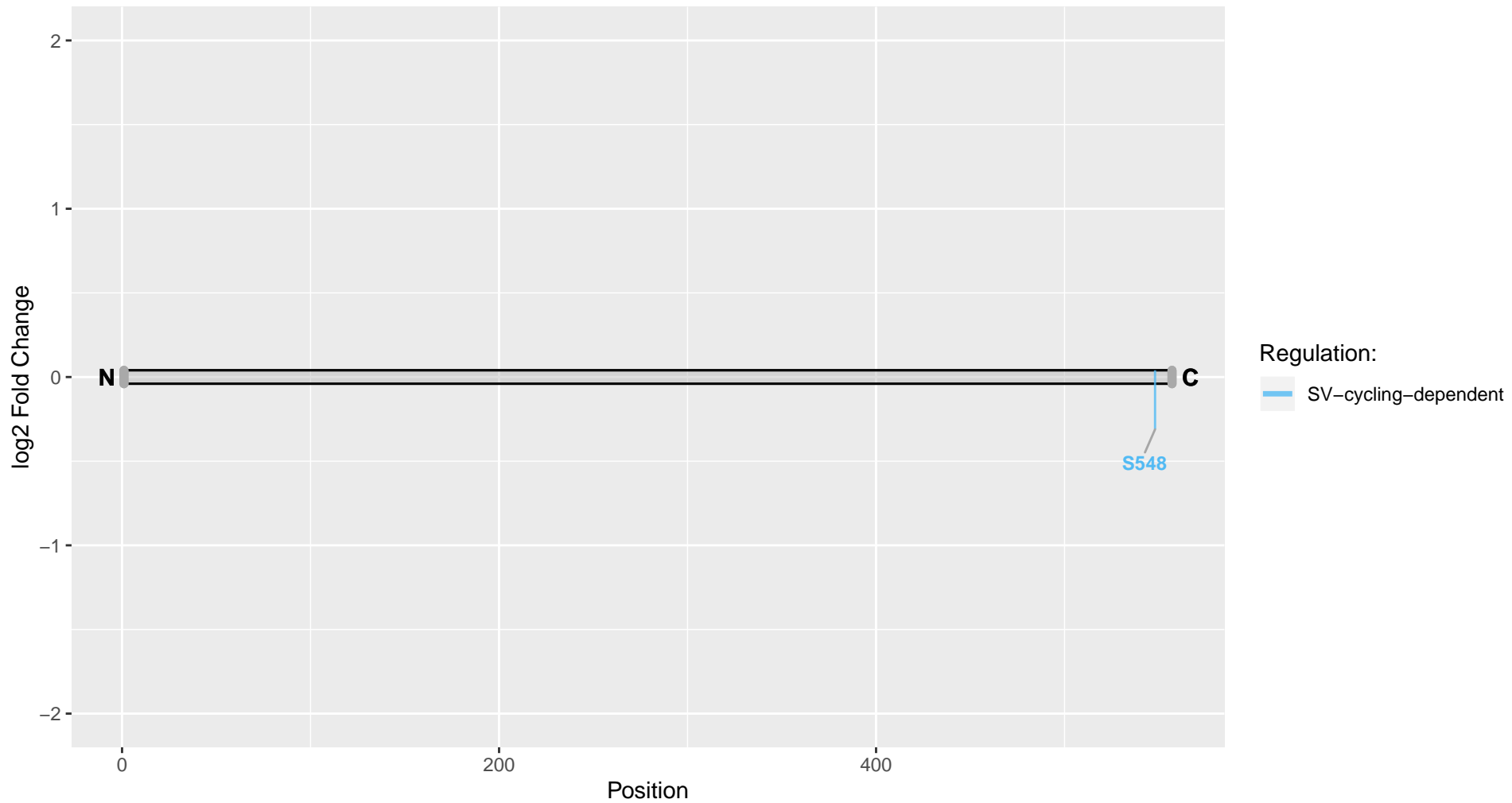
Sodium-dependent phosphate transporter 2



Slc22a5

Uniprot Accession: O70594

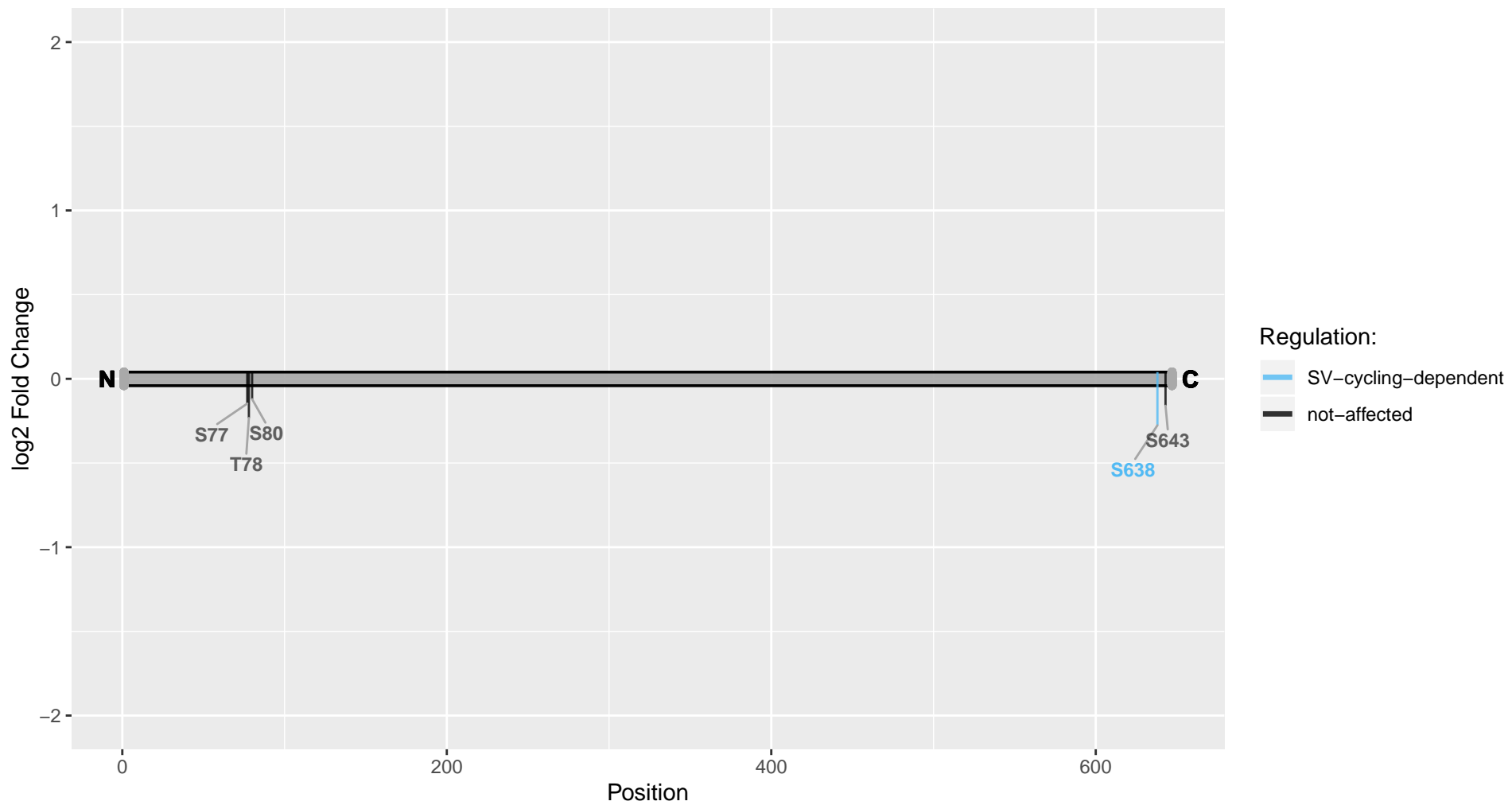
Solute carrier family 22 member 5



Slc23a2

Uniprot Accession: Q9WTW8

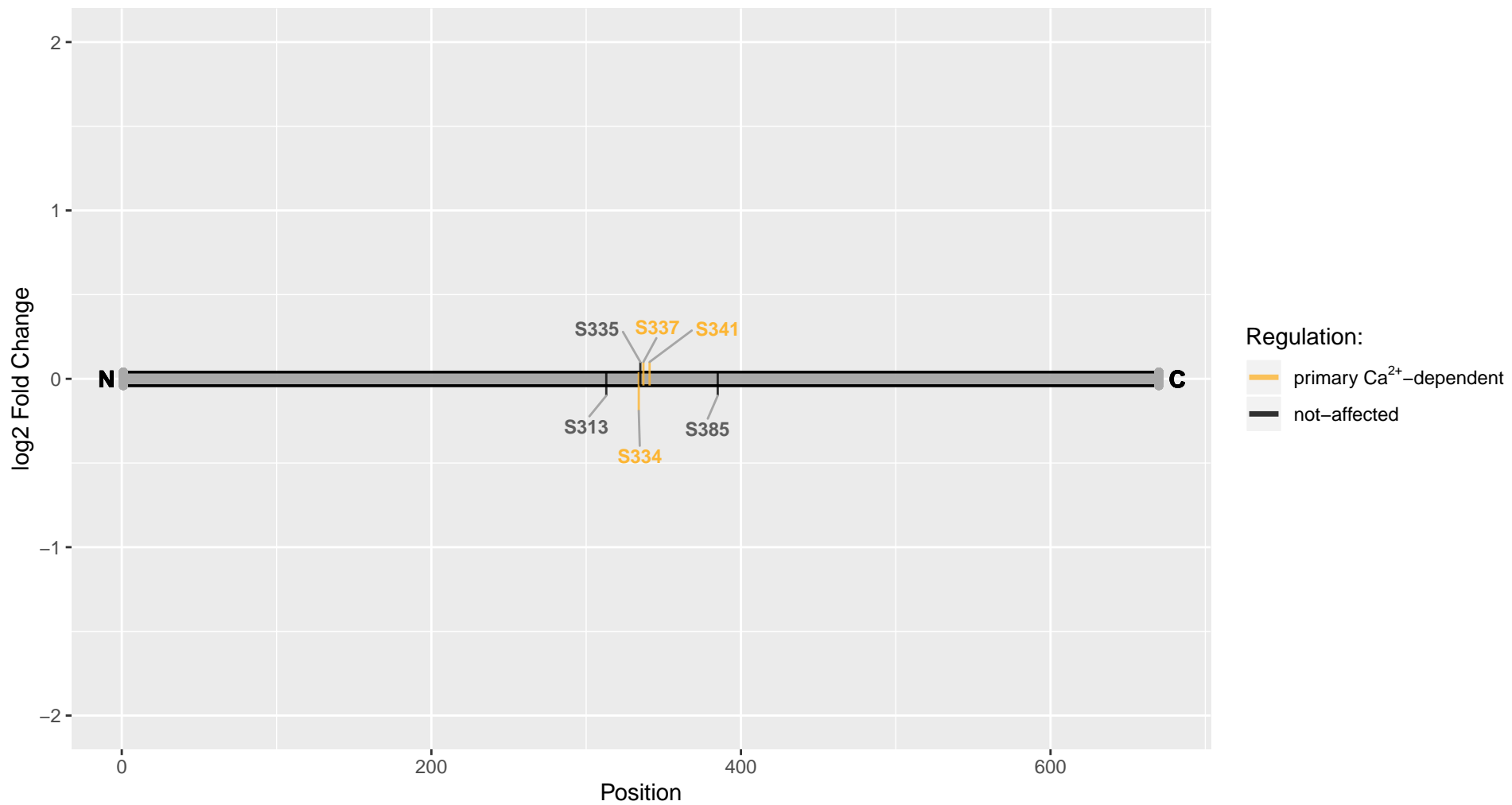
Solute carrier family 23 member 2



Slc24a2

Uniprot Accession: O54701

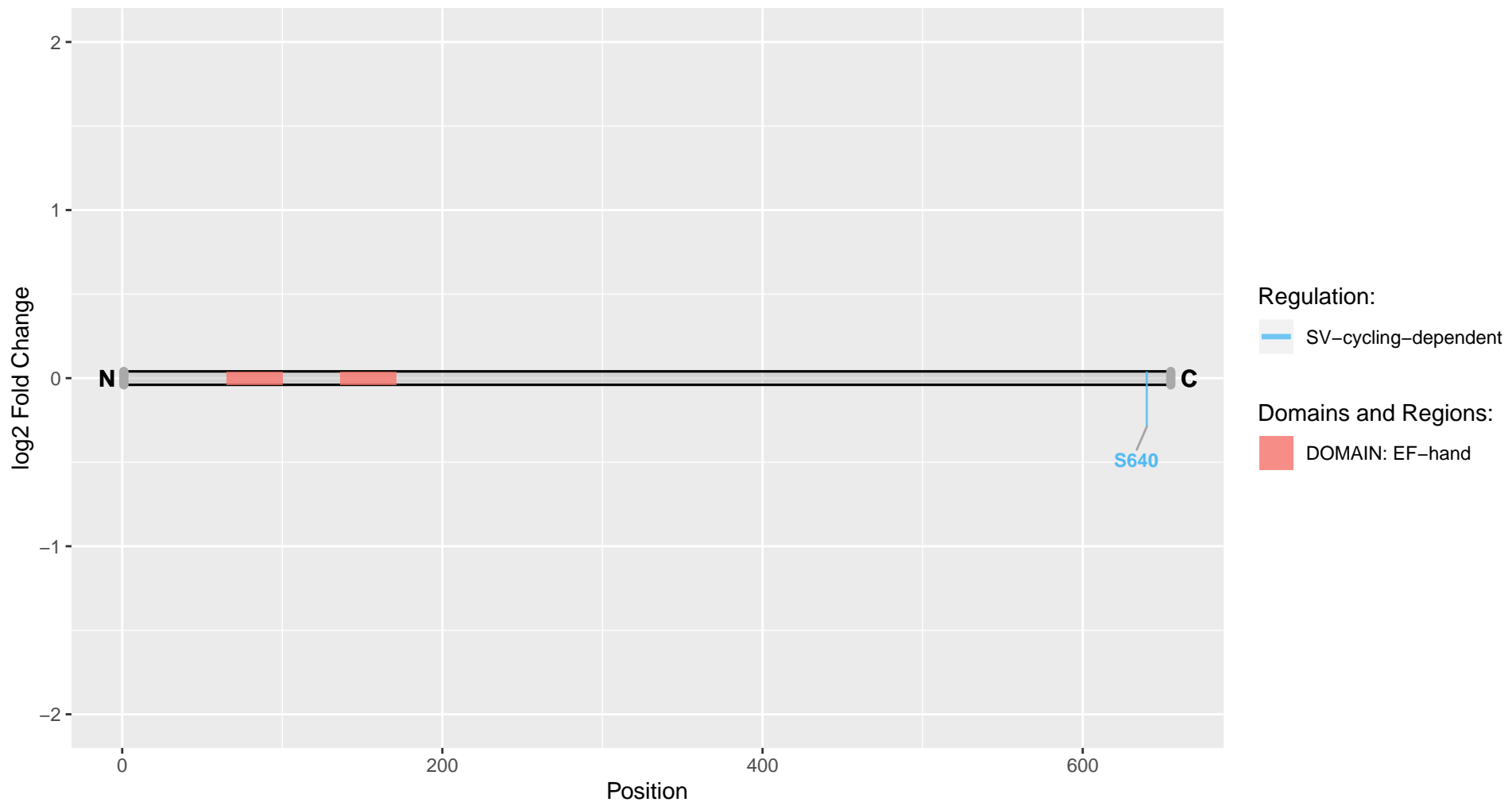
Sodium/potassium/calcium exchanger 2



Slc25a12

Uniprot Accession: F1LX07

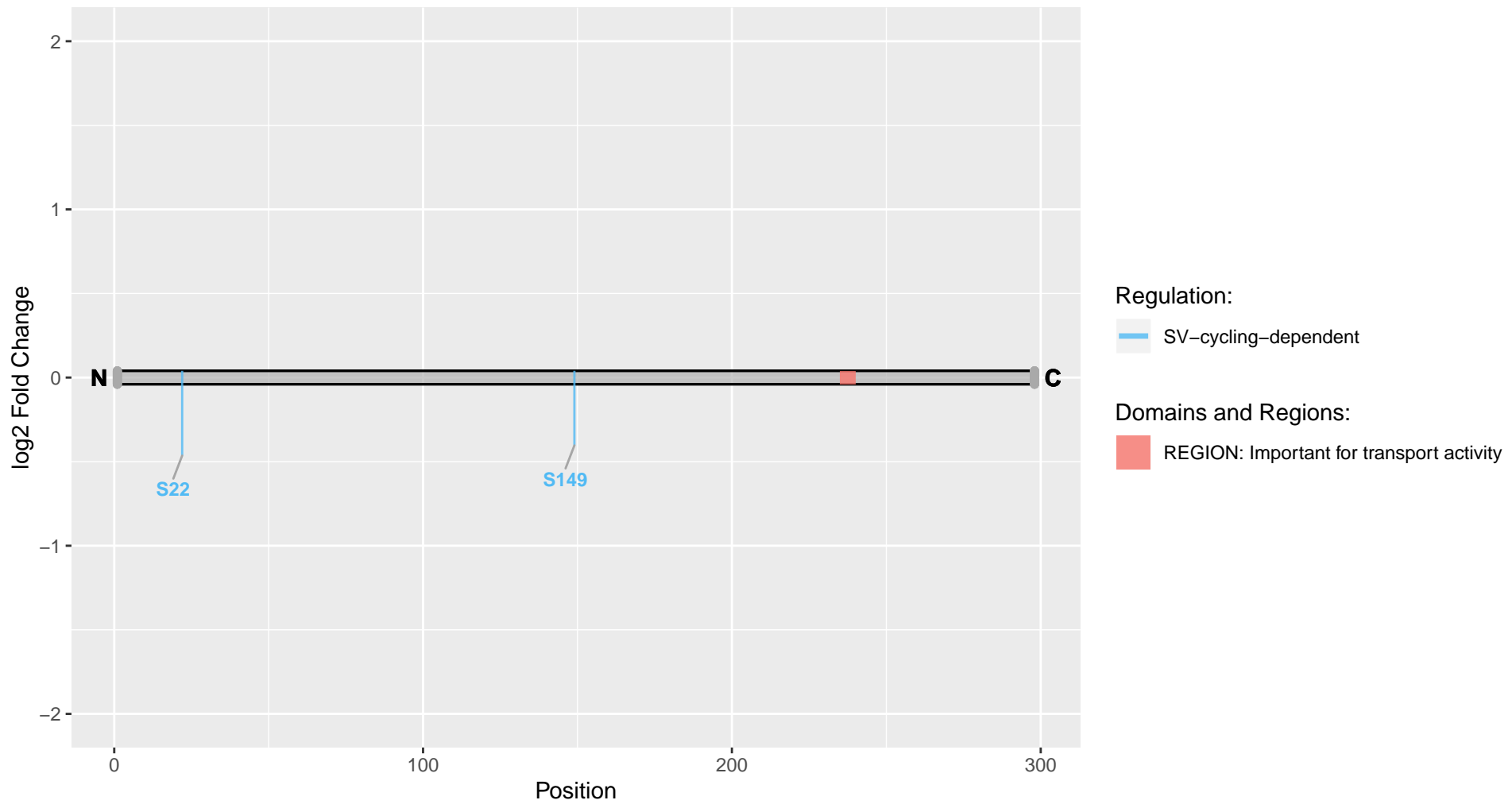
Solute carrier family 25 member 12



Slc25a4

Uniprot Accession: Q05962

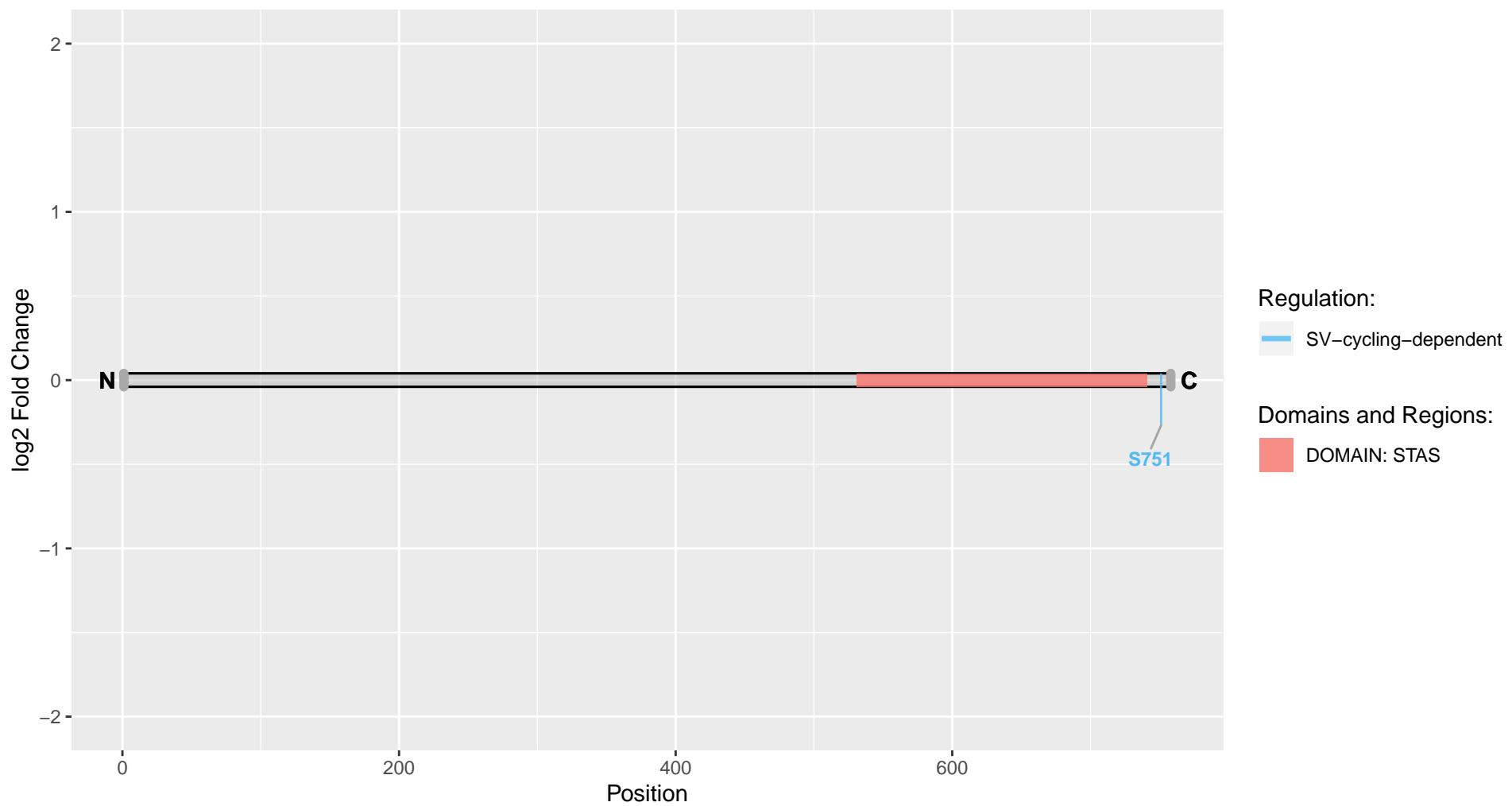
ADP/ATP translocase 1



Slc26a6

Uniprot Accession: D3Z9I5

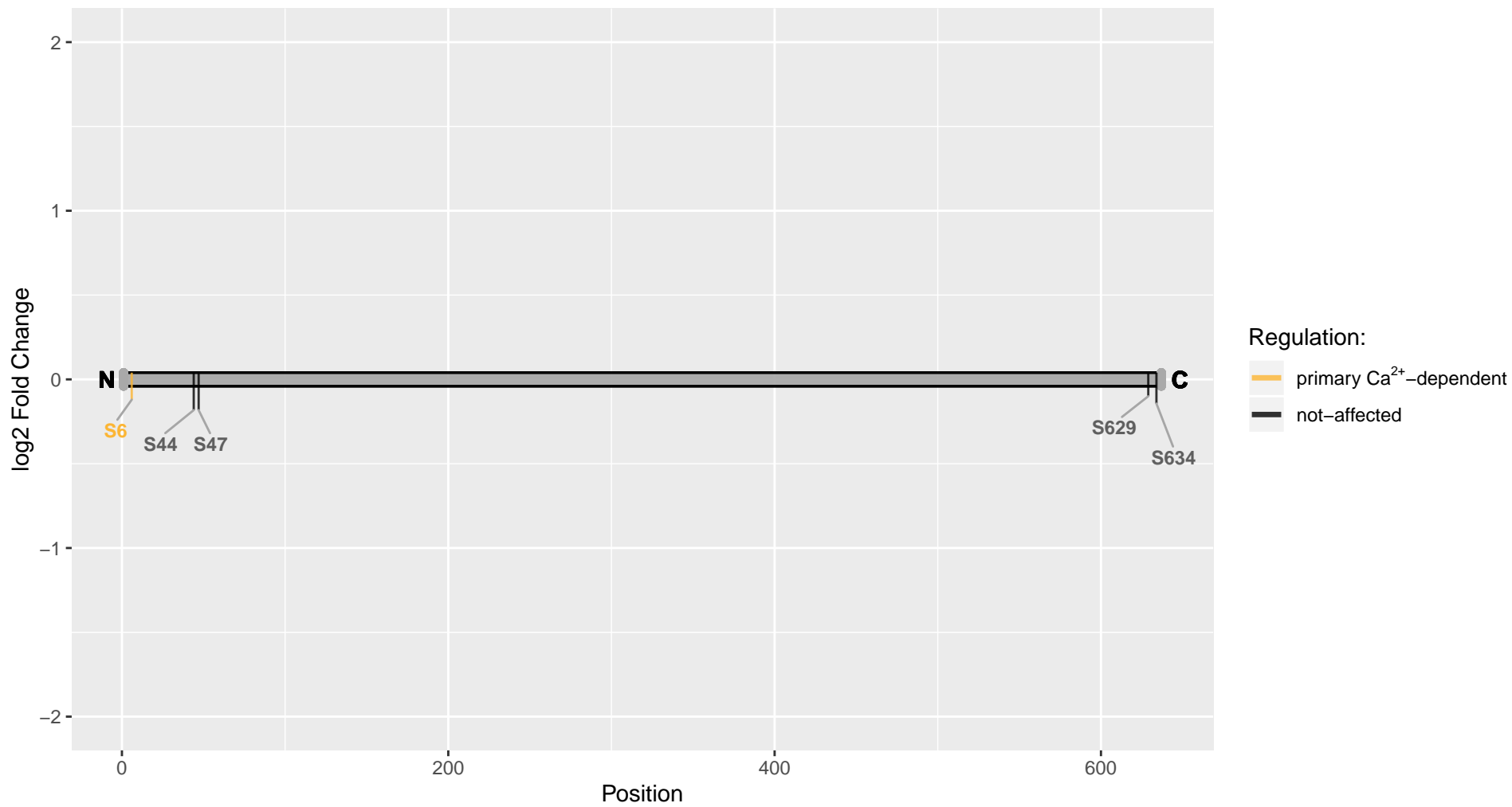
RCG25530, isoform CRA_c



Slc2a13

Uniprot Accession: Q921A2

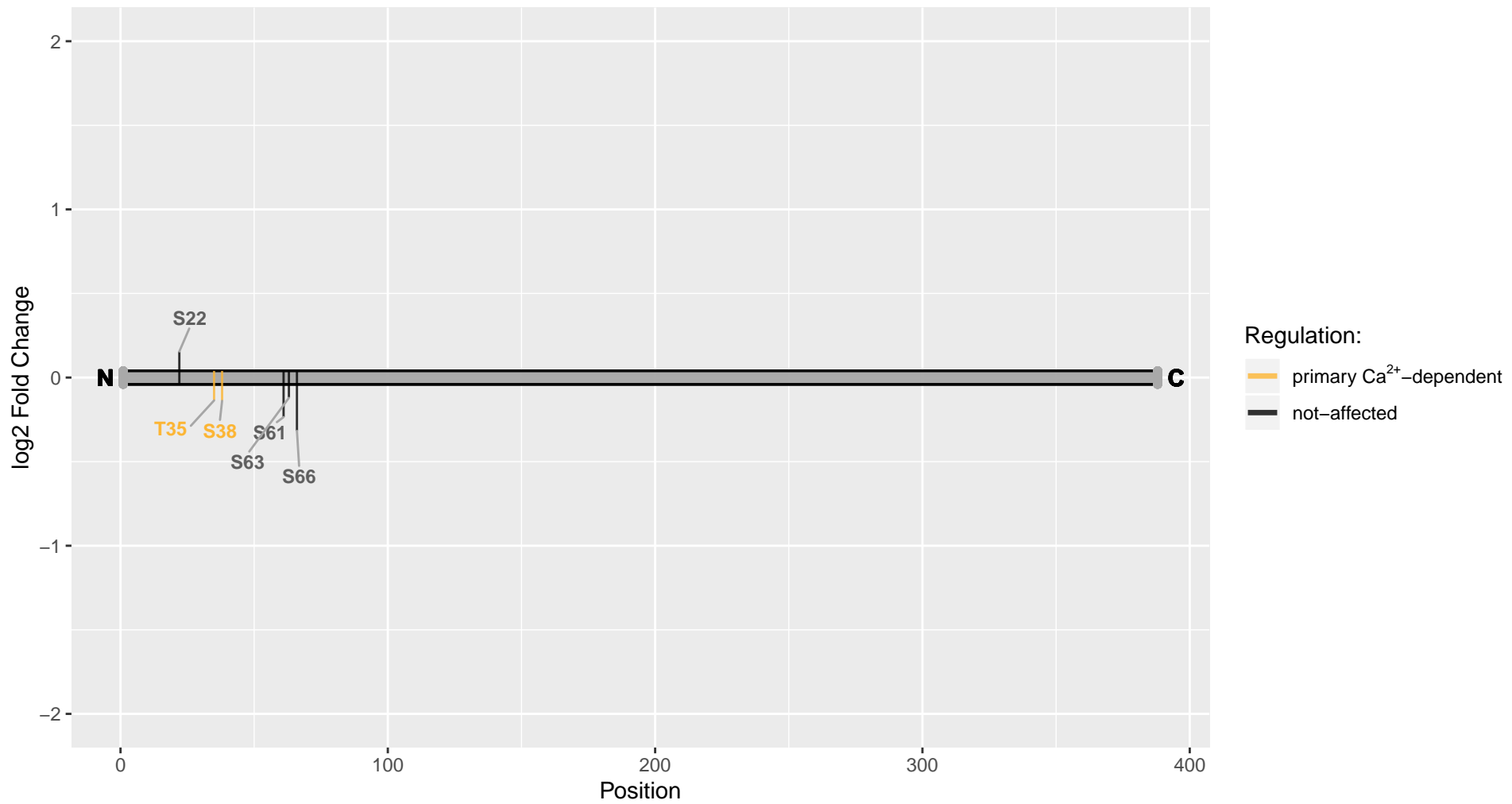
Proton myo-inositol cotransporter



Slc30a3

Uniprot Accession: Q6QIX3

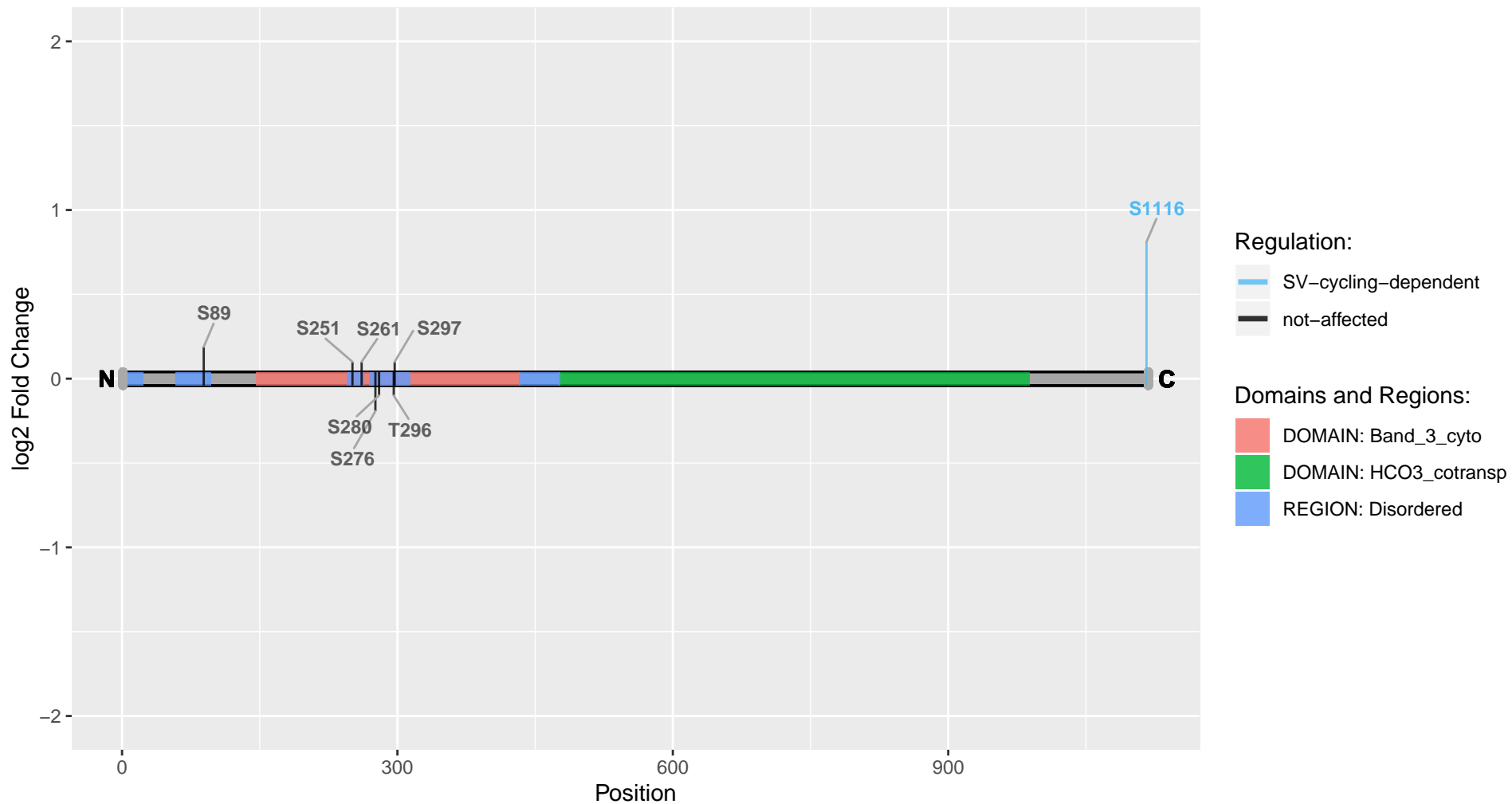
Zinc transporter 3



Slc4a10

Uniprot Accession: A0A0G2JYF0

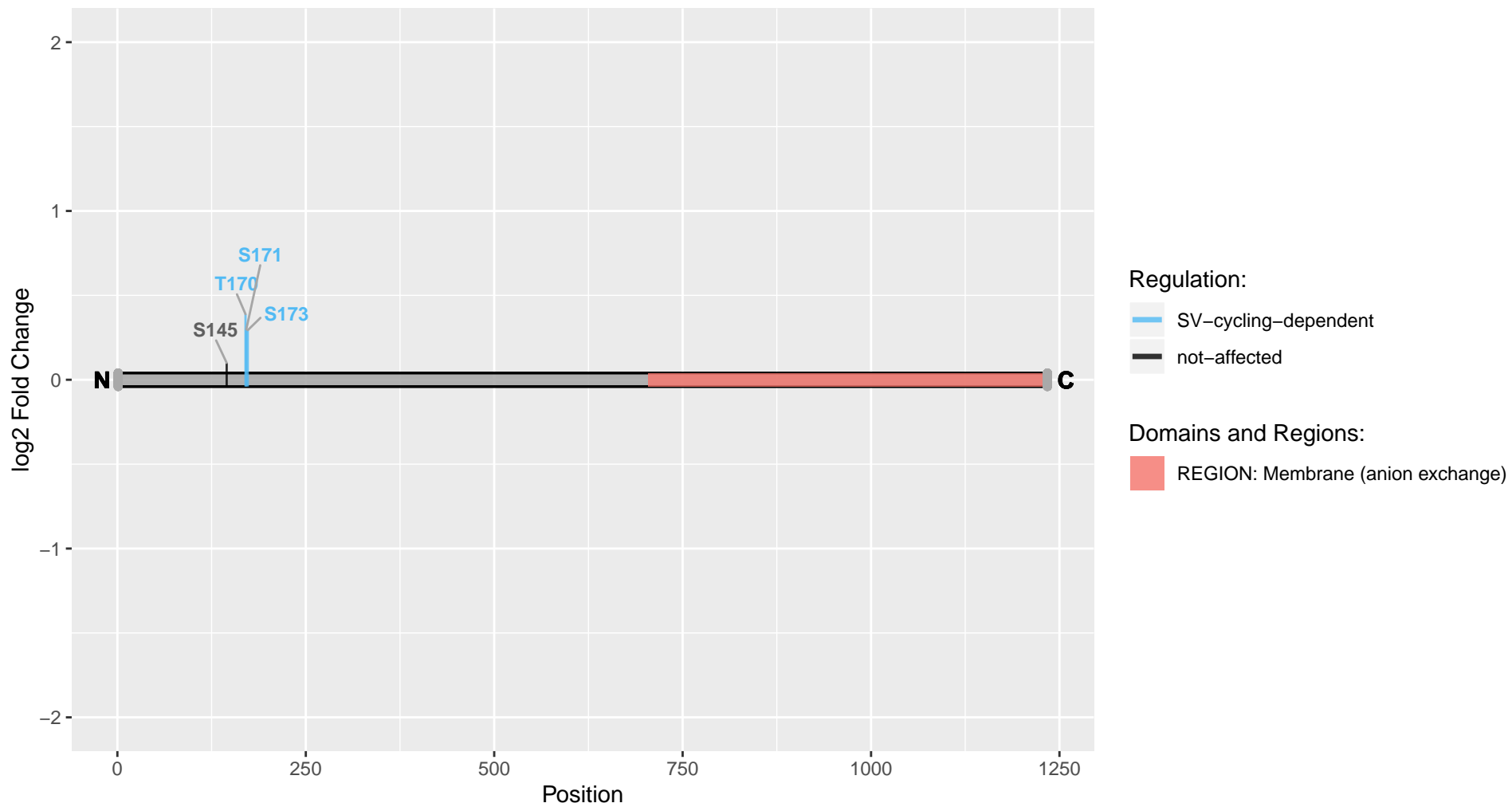
Anion exchange protein



Slc4a2

Uniprot Accession: P23347

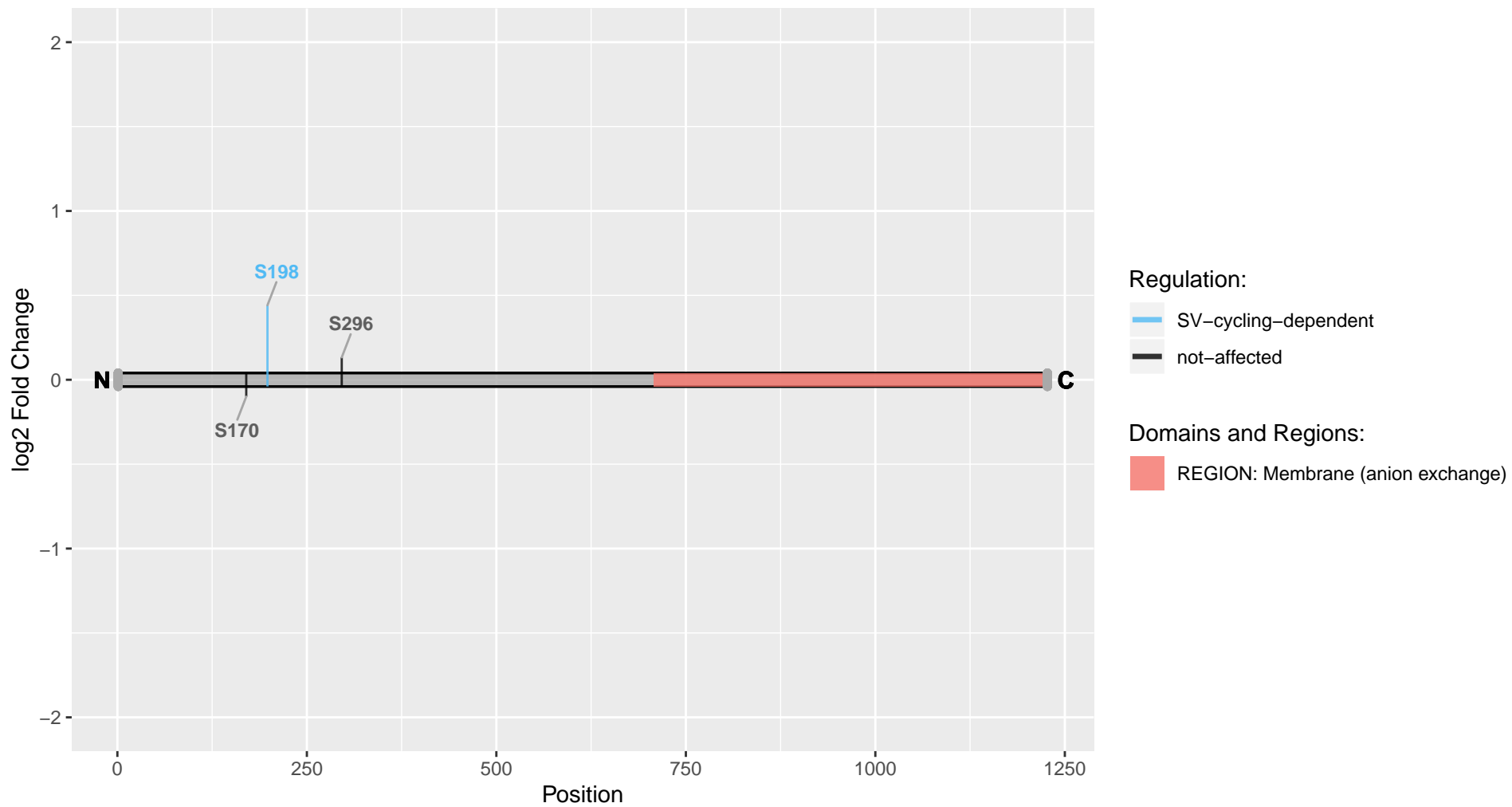
Anion exchange protein 2



Slc4a3

Uniprot Accession: P23348

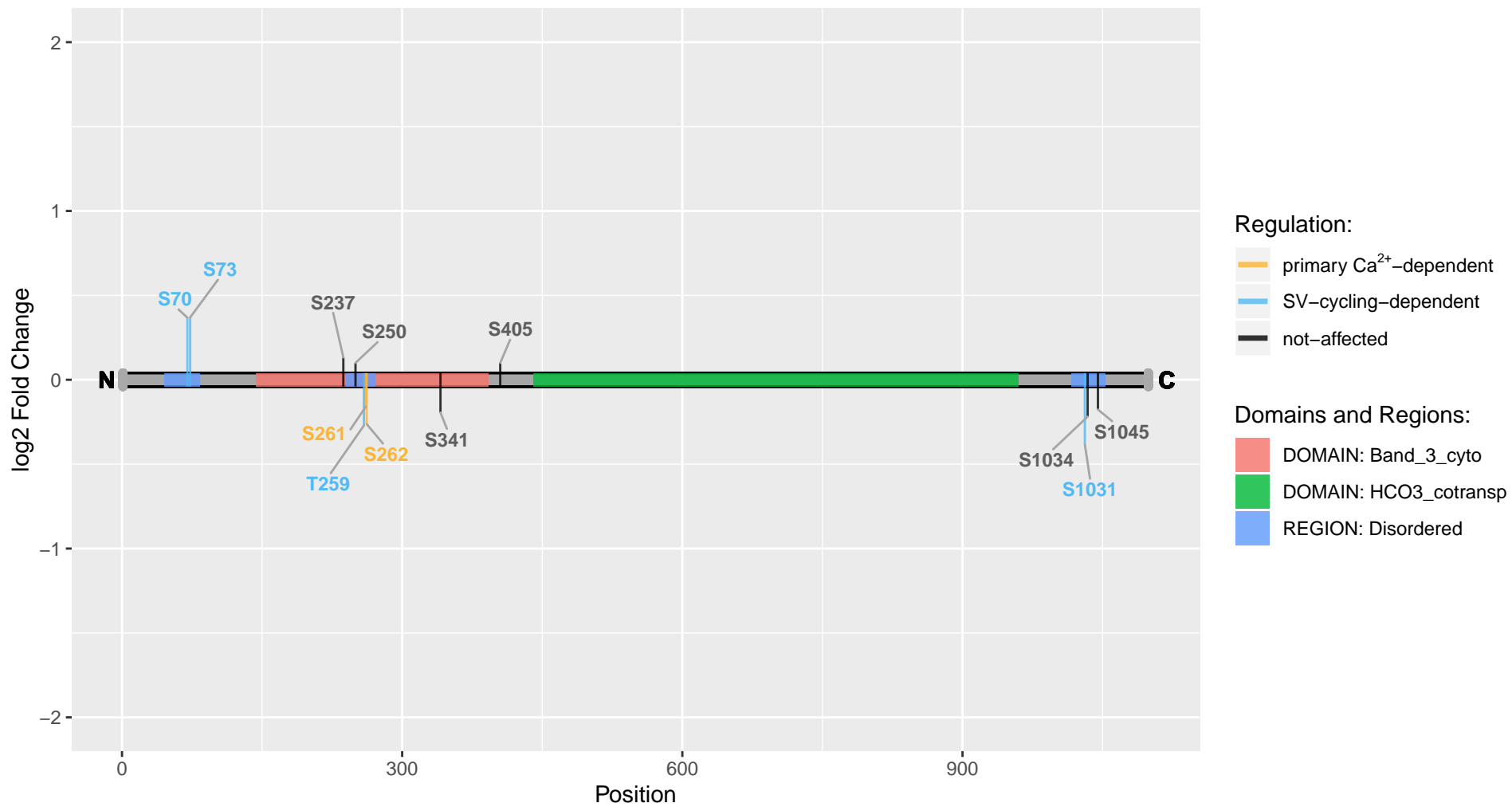
Anion exchange protein 3



Slc4a4

Uniprot Accession: A0A0H2UHB7

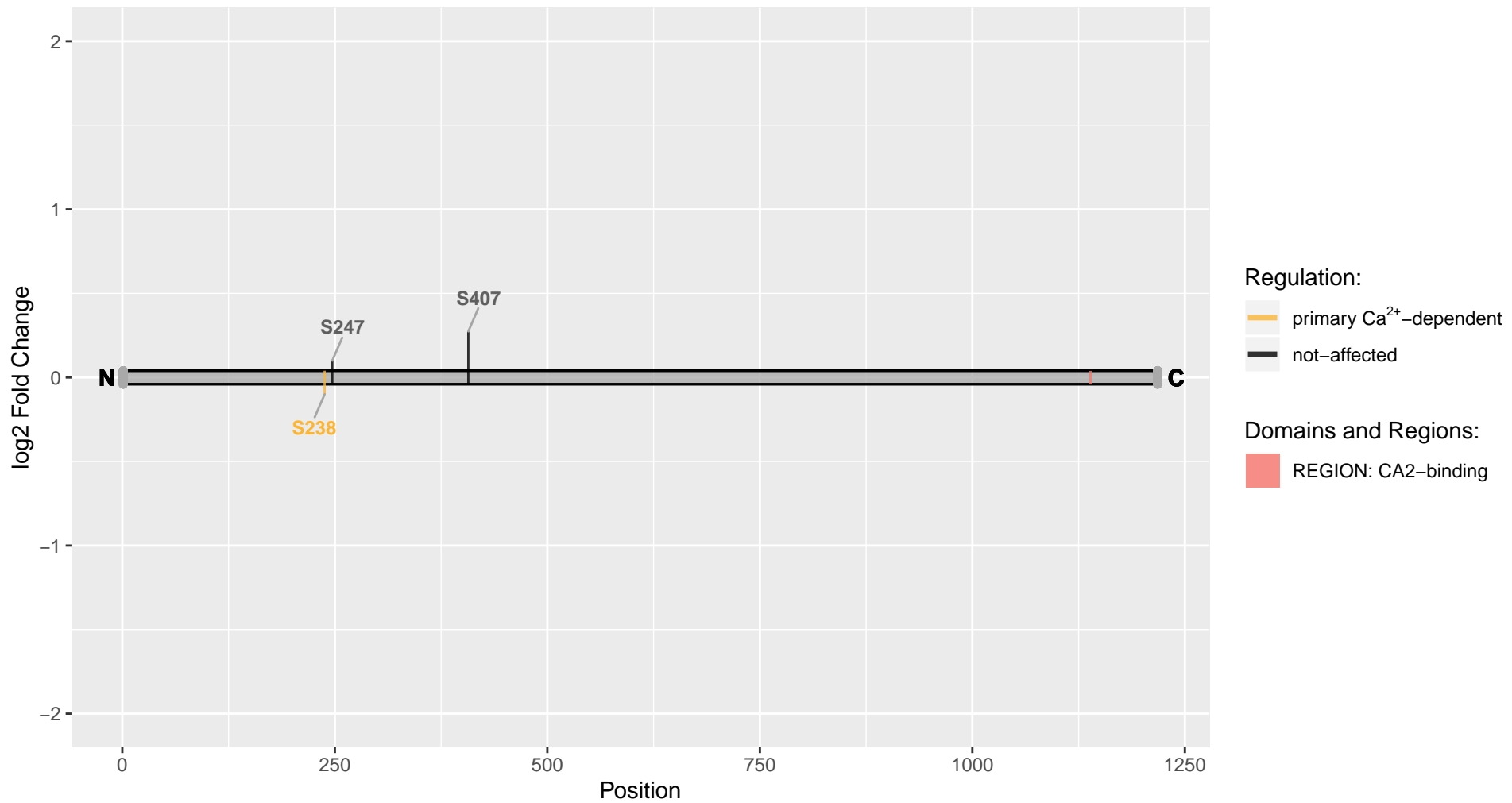
Anion exchange protein



Slc4a7

Uniprot Accession: Q9R1N3

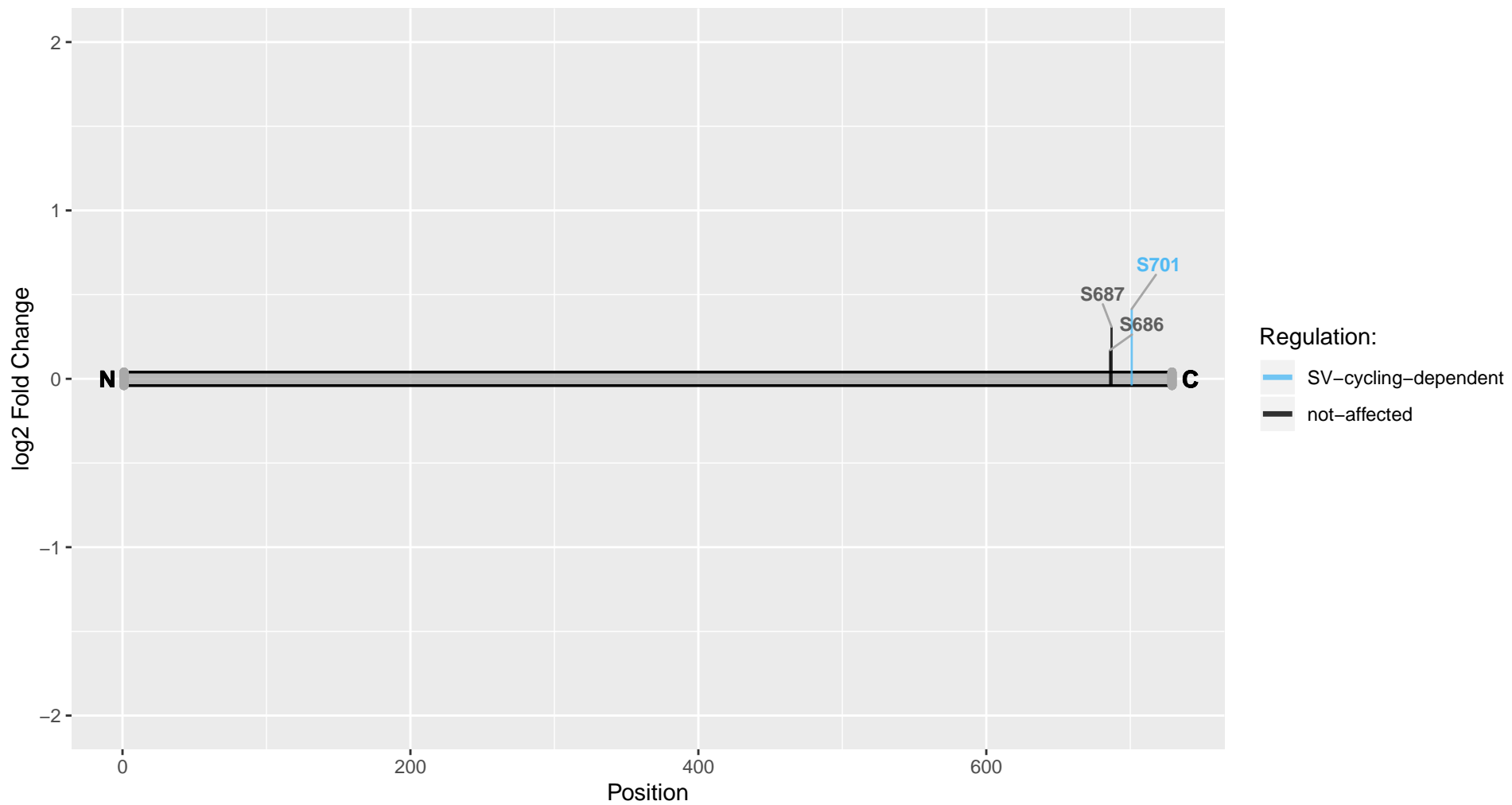
Sodium bicarbonate cotransporter 3



Slc6a15

Uniprot Accession: Q08469

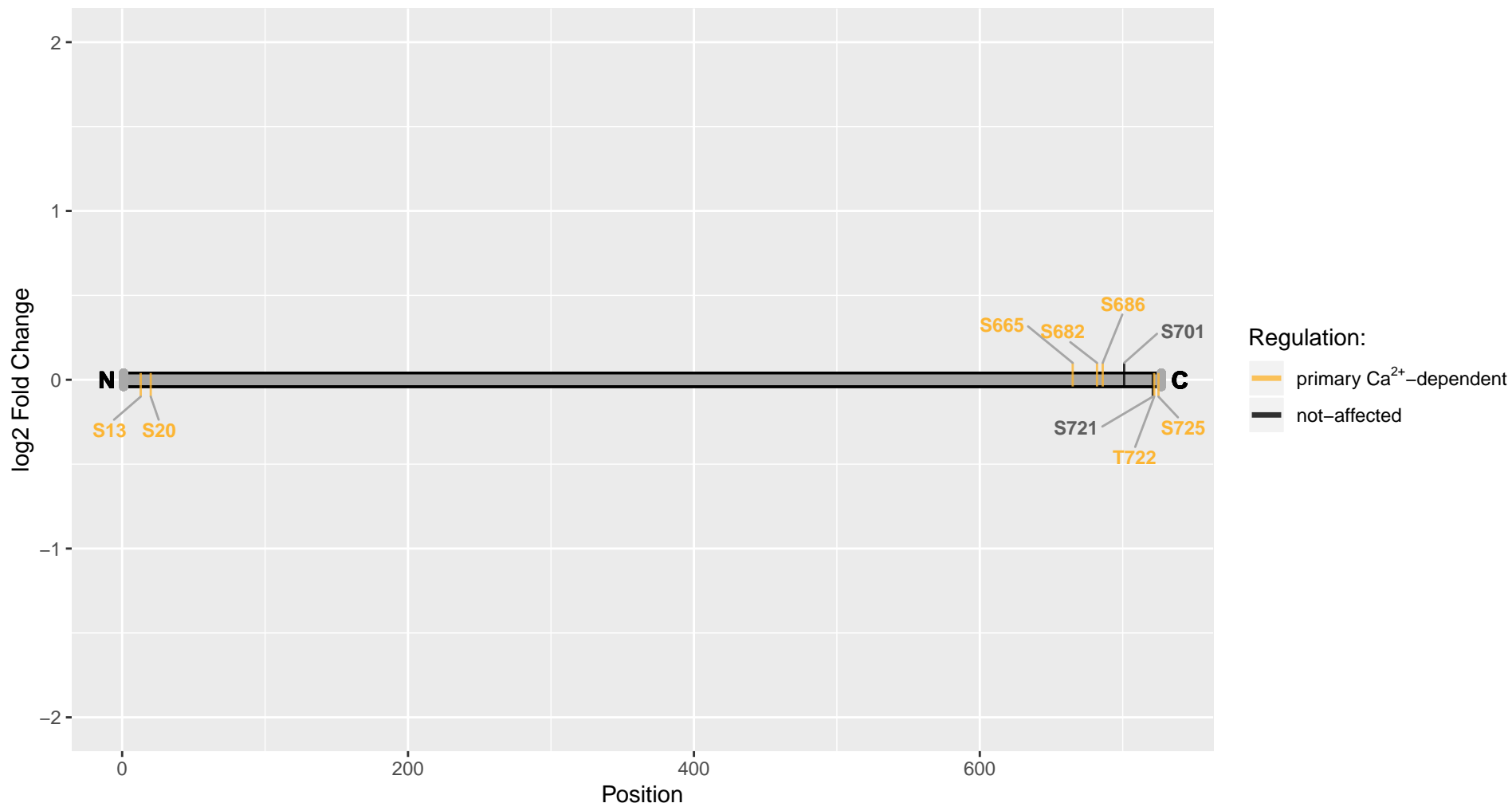
Sodium-dependent neutral amino acid transporter B(0)AT2



Slc6a17

Uniprot Accession: P31662

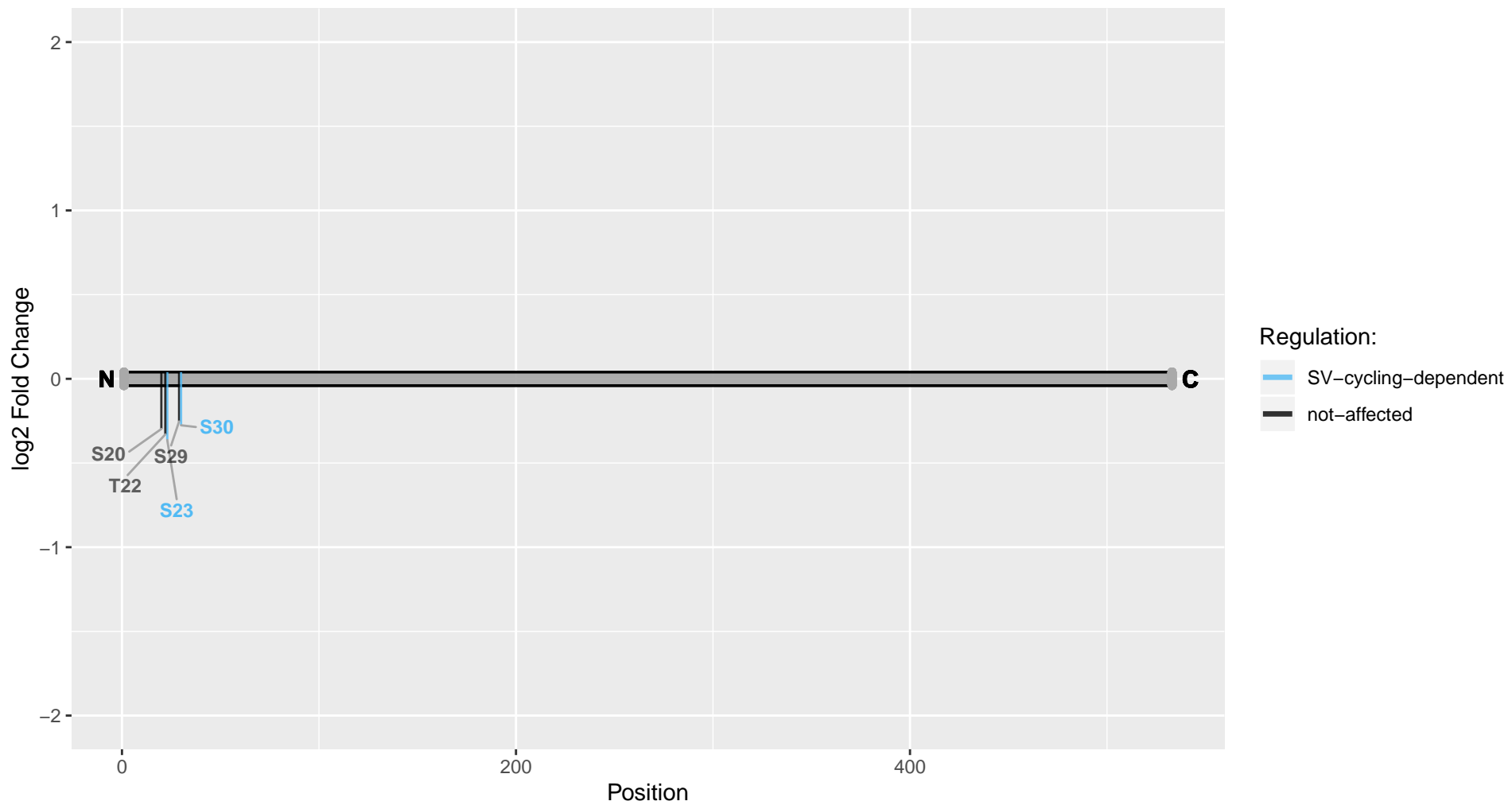
Sodium-dependent neutral amino acid transporter SLC6A17



Slc7a8

Uniprot Accession: Q9WVR6

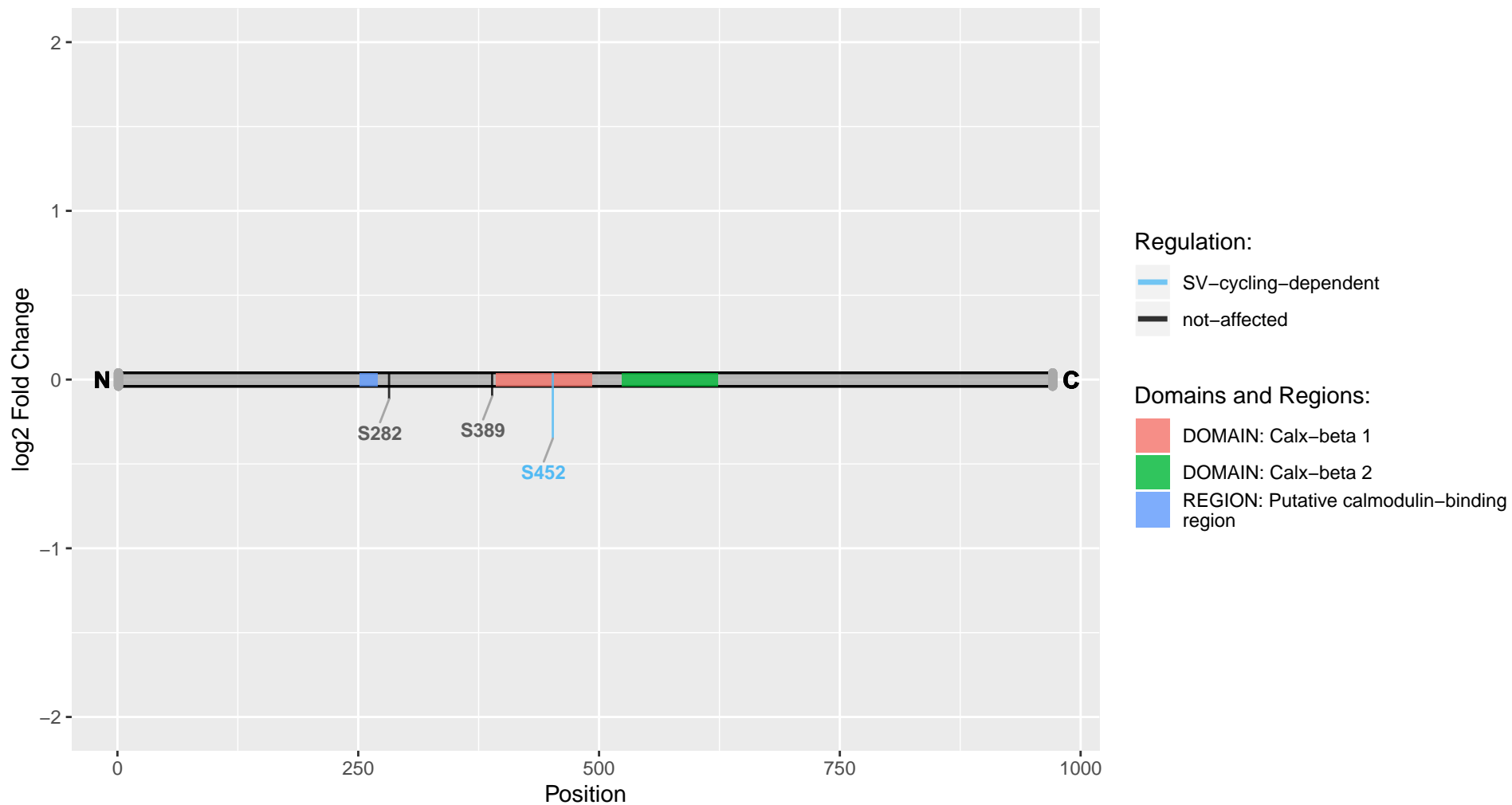
Large neutral amino acids transporter small subunit 2



Slc8a1

Uniprot Accession: Q01728

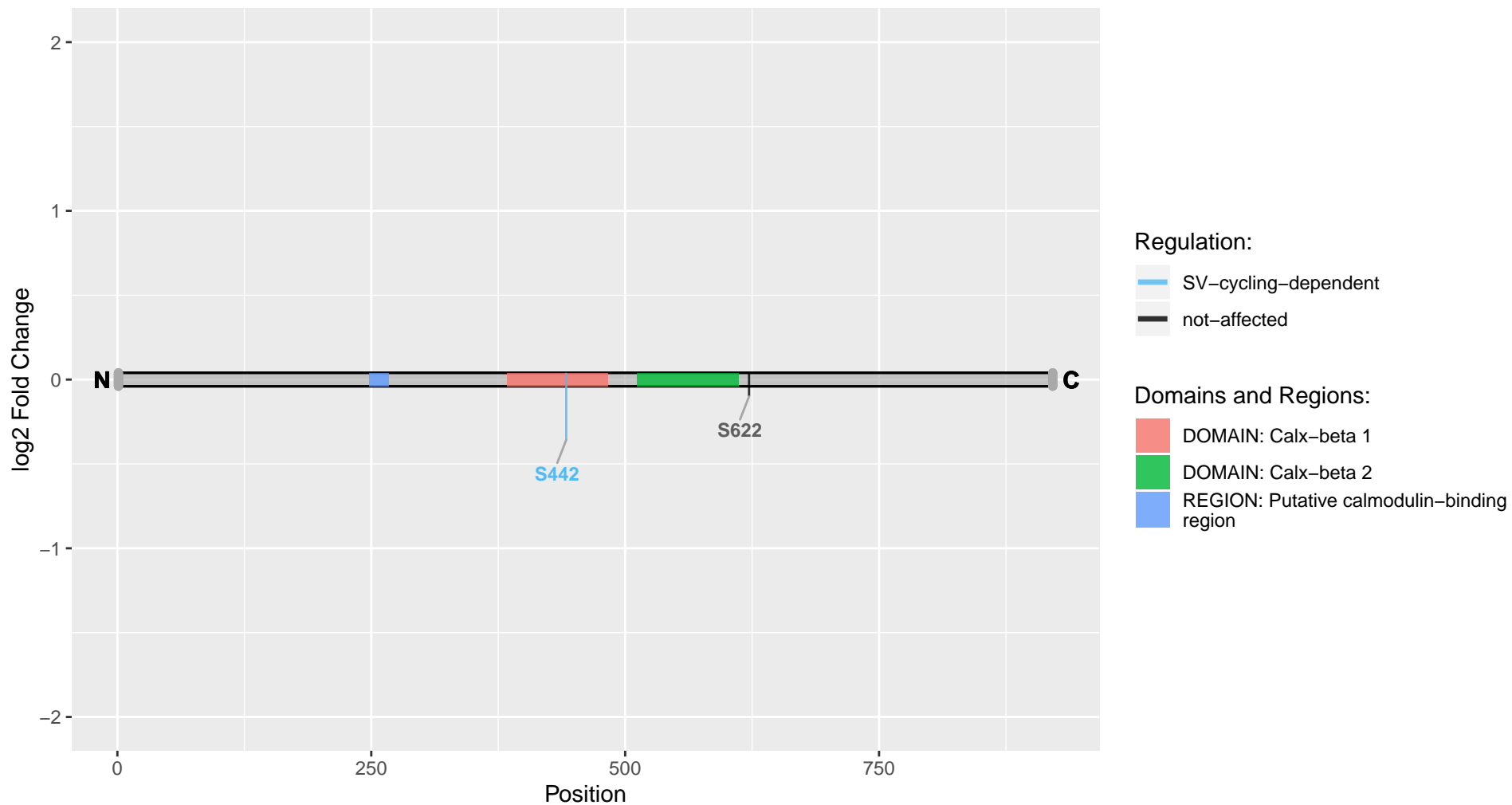
Sodium/calcium exchanger 1



Slc8a2

Uniprot Accession: P48768

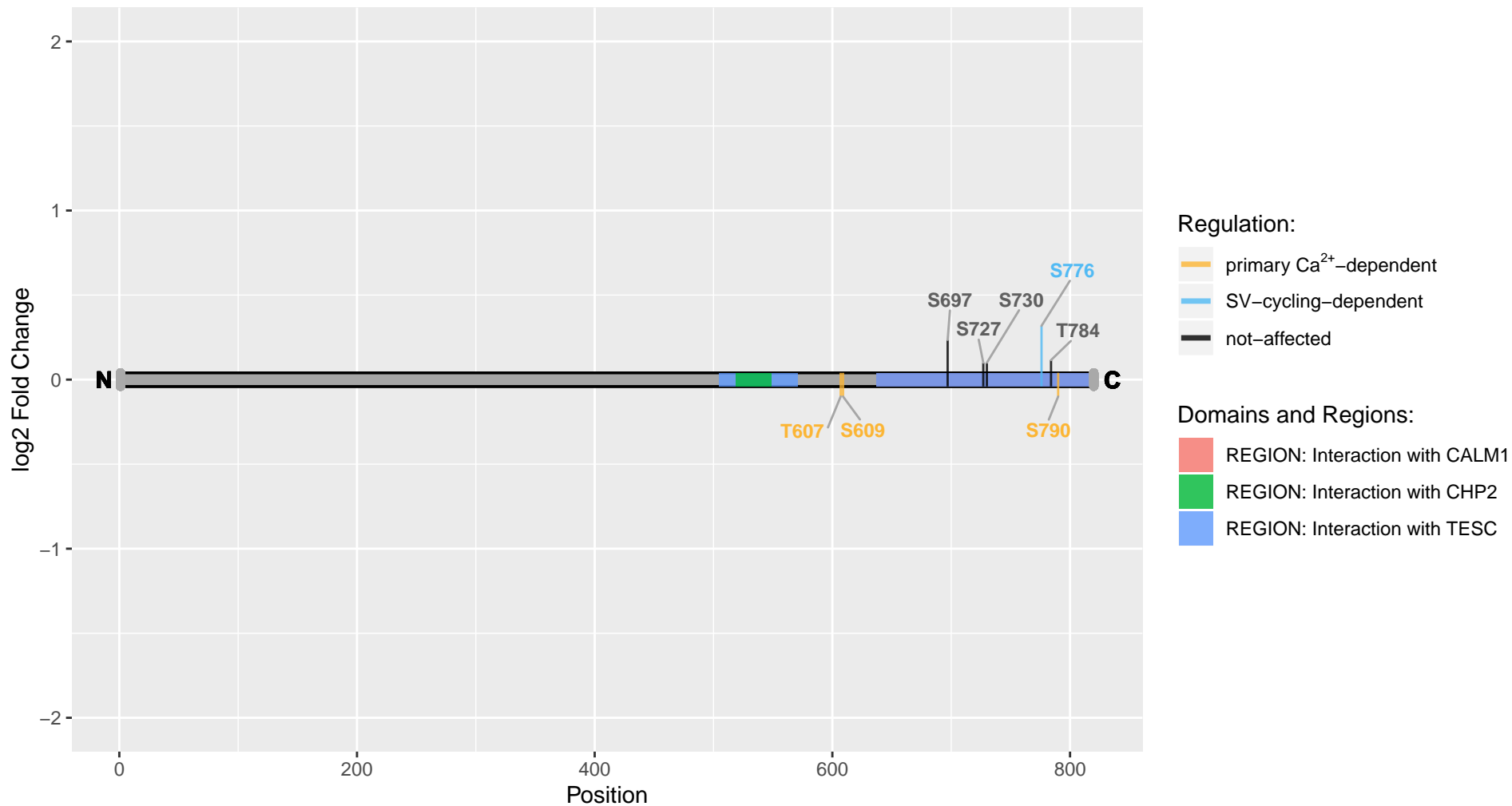
Sodium/calcium exchanger 2



Slc9a1

Uniprot Accession: P26431

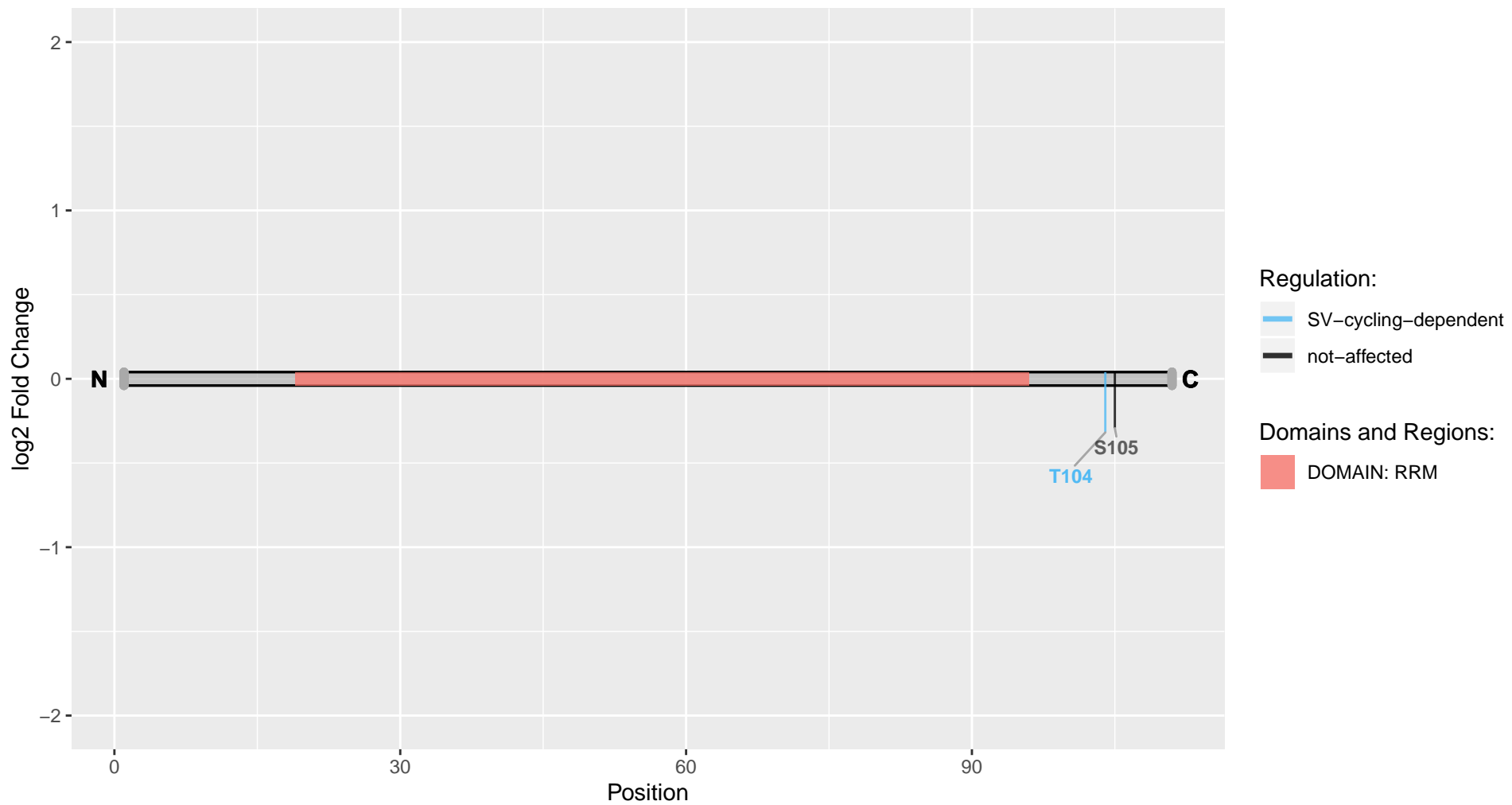
Sodium/hydrogen exchanger 1



Slirp

Uniprot Accession: D4A4W6

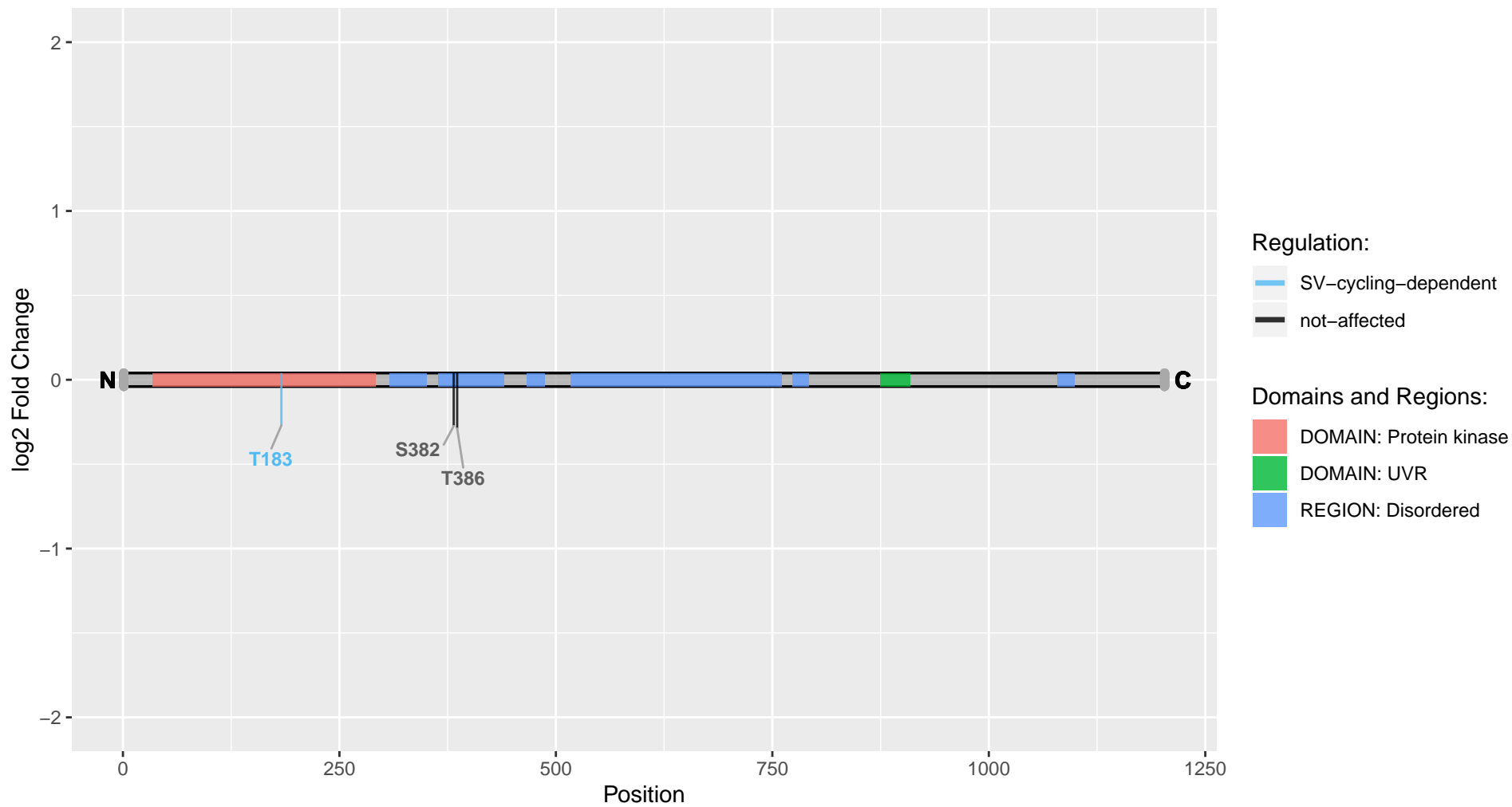
RCG20695, isoform CRA_b



Slk

Uniprot Accession: G3V7I8

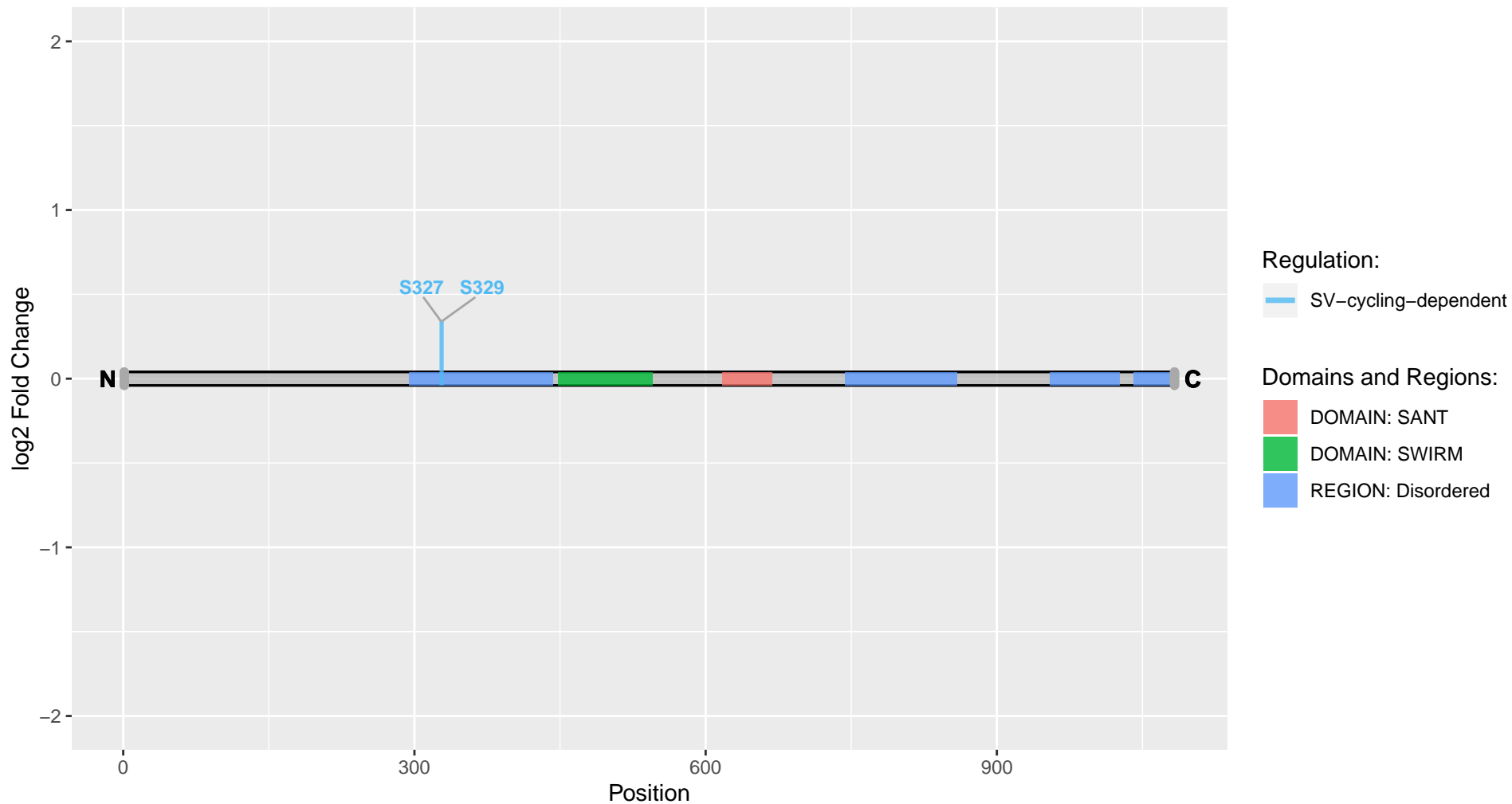
RCG57812, isoform CRA_b



Smarcc1

Uniprot Accession: A0A0G2K9D6

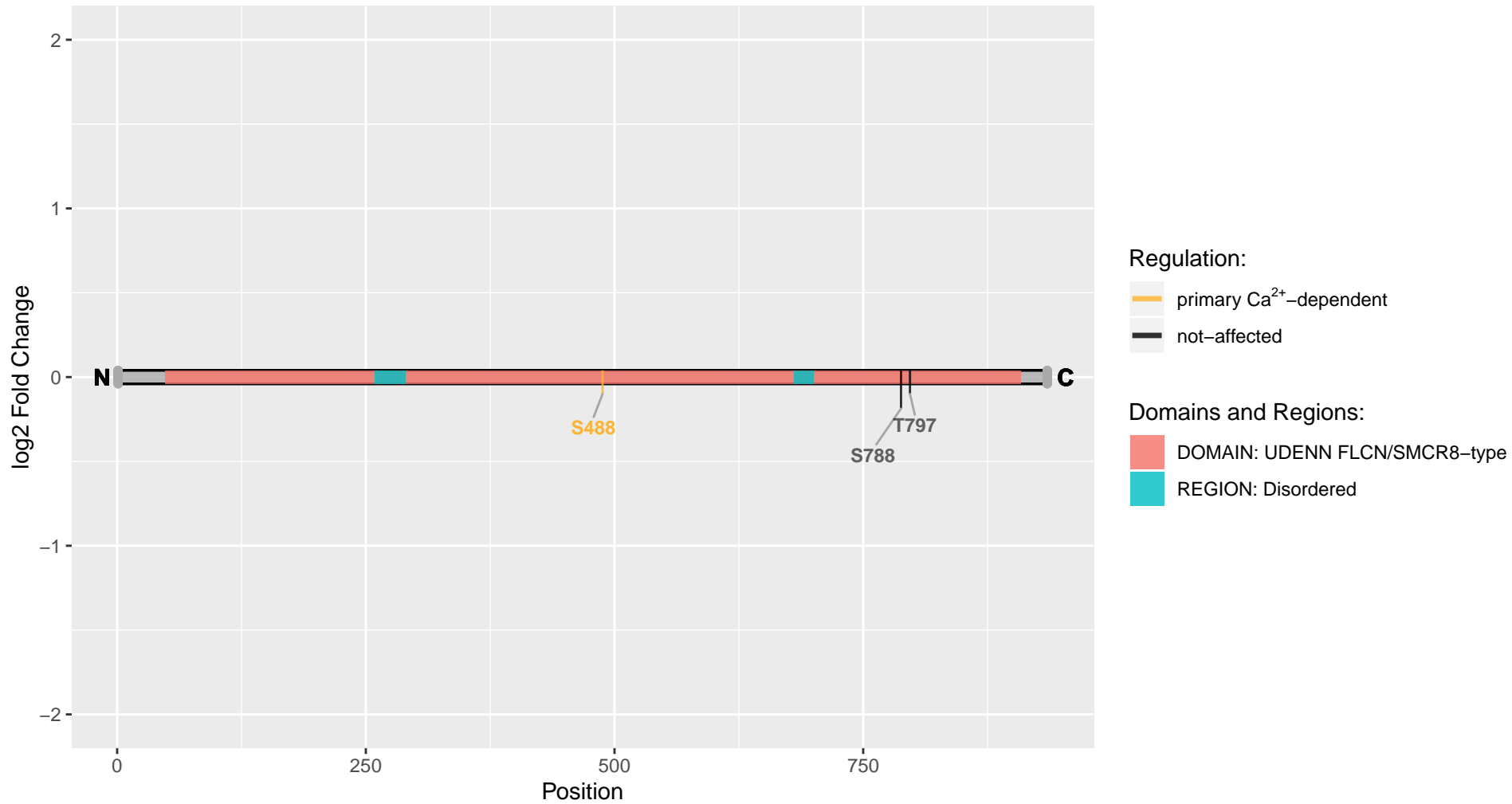
SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin, subfamily c, member 1



Smcr8

Uniprot Accession: D3ZJR6

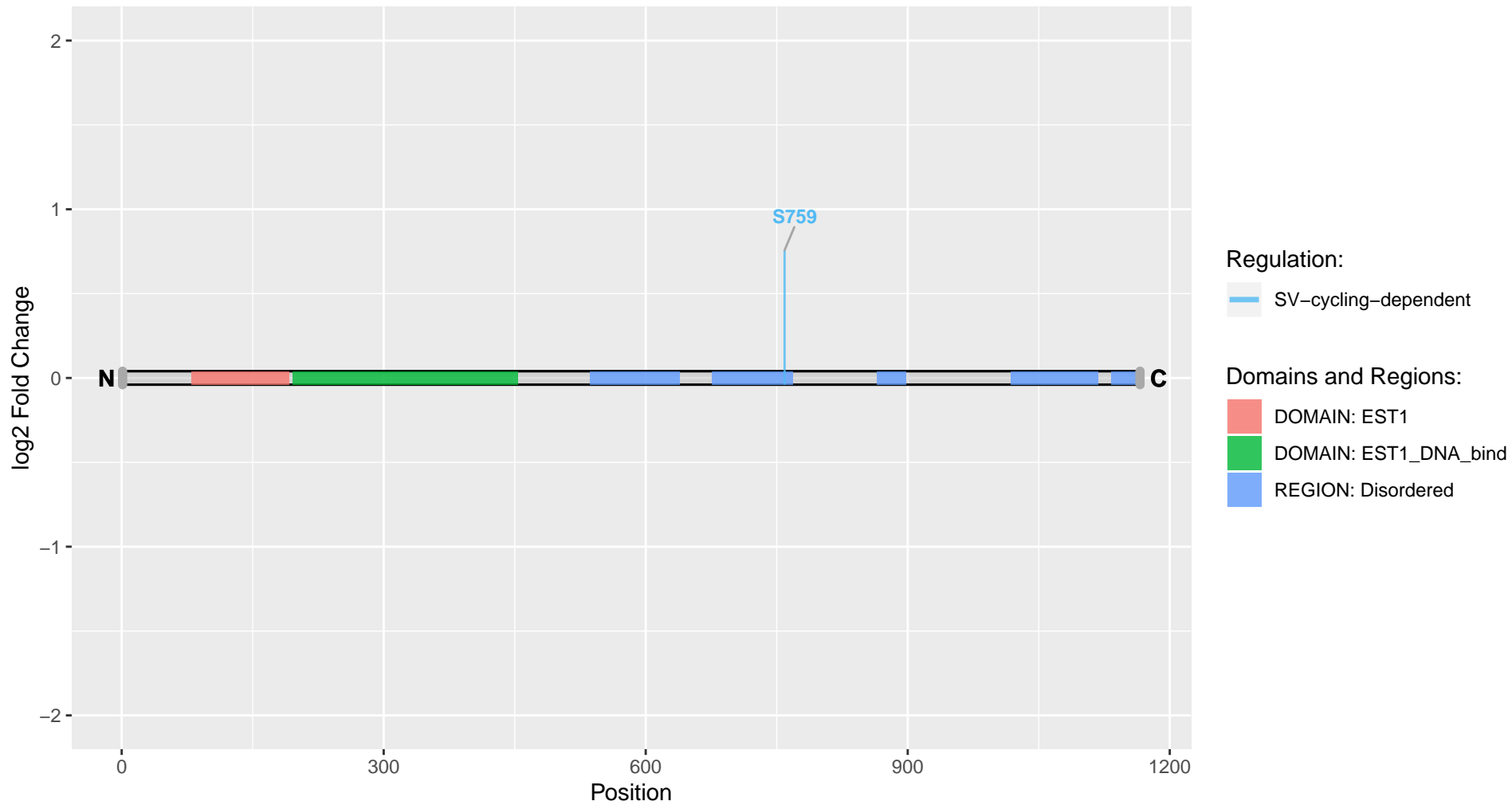
Smith–Magenis syndrome chromosome region, candidate 8



Smg7

Uniprot Accession: D4ACJ3

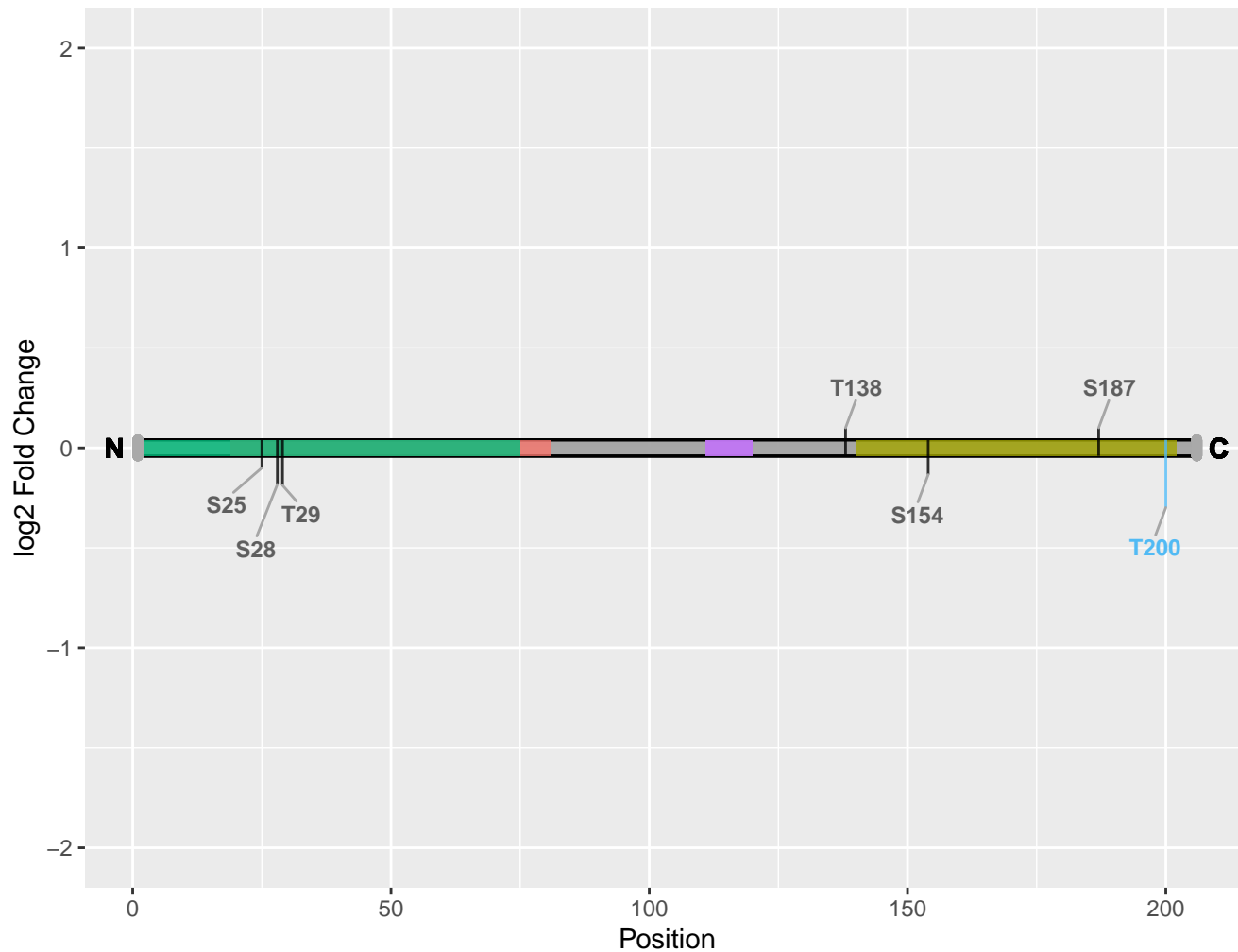
SMG7 nonsense mediated mRNA decay factor



Snap25

Uniprot Accession: P60881

Synaptosomal-associated protein 25



Regulation:

- SV-cycling-dependent
- not-affected

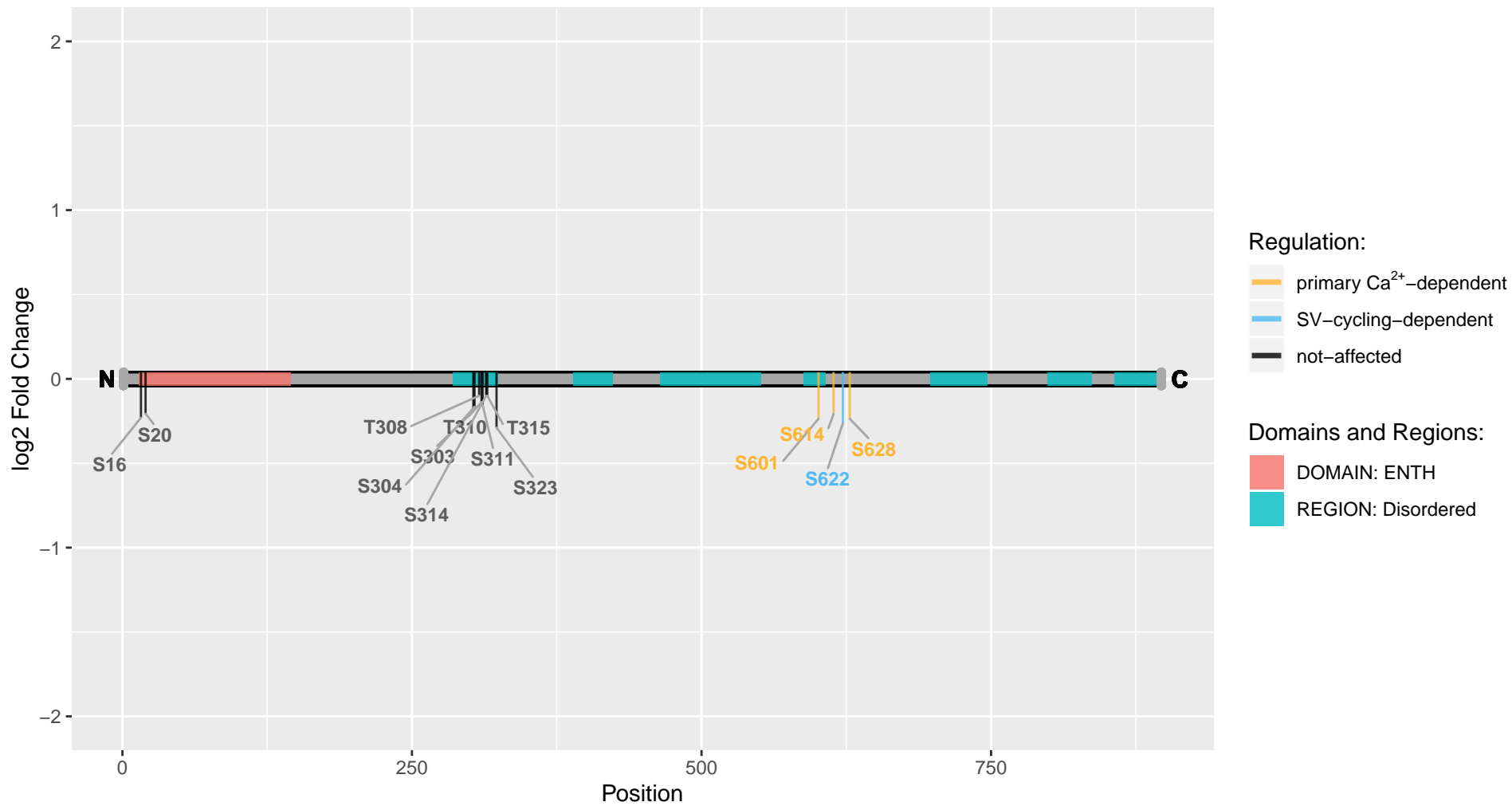
Domains and Regions:

- DOMAIN: t-SNARE coiled-coil homology 1
- DOMAIN: t-SNARE coiled-coil homology 2
- REGION: Interaction with CENPF
- REGION: Interaction with ZDHHC13 and ZDHHC17
- REGION: Interaction with ZDHHC17

Snap91

Uniprot Accession: A0A0G2K0B6

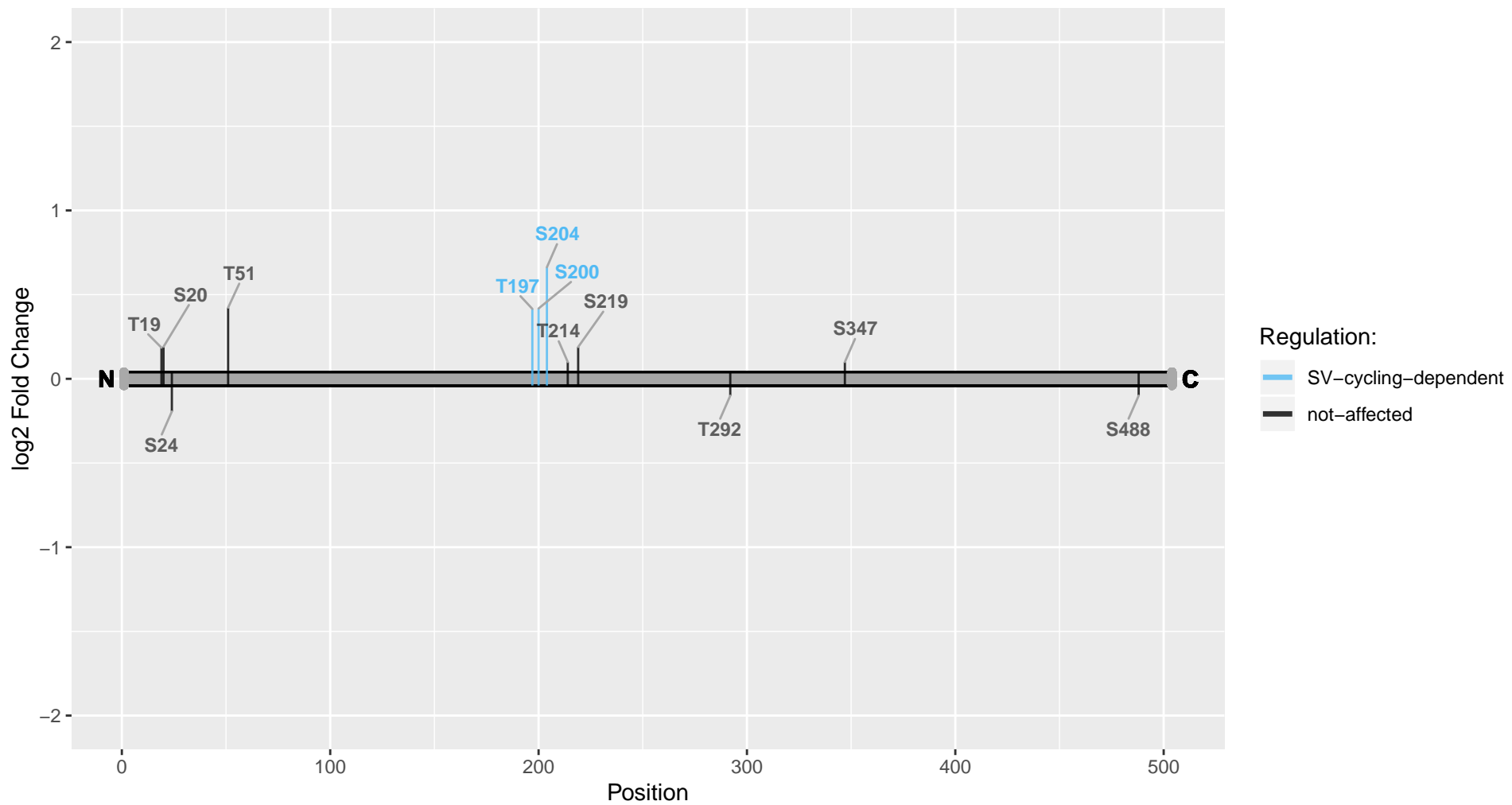
Clathrin coat assembly protein AP180



Snph

Uniprot Accession: B5DF41

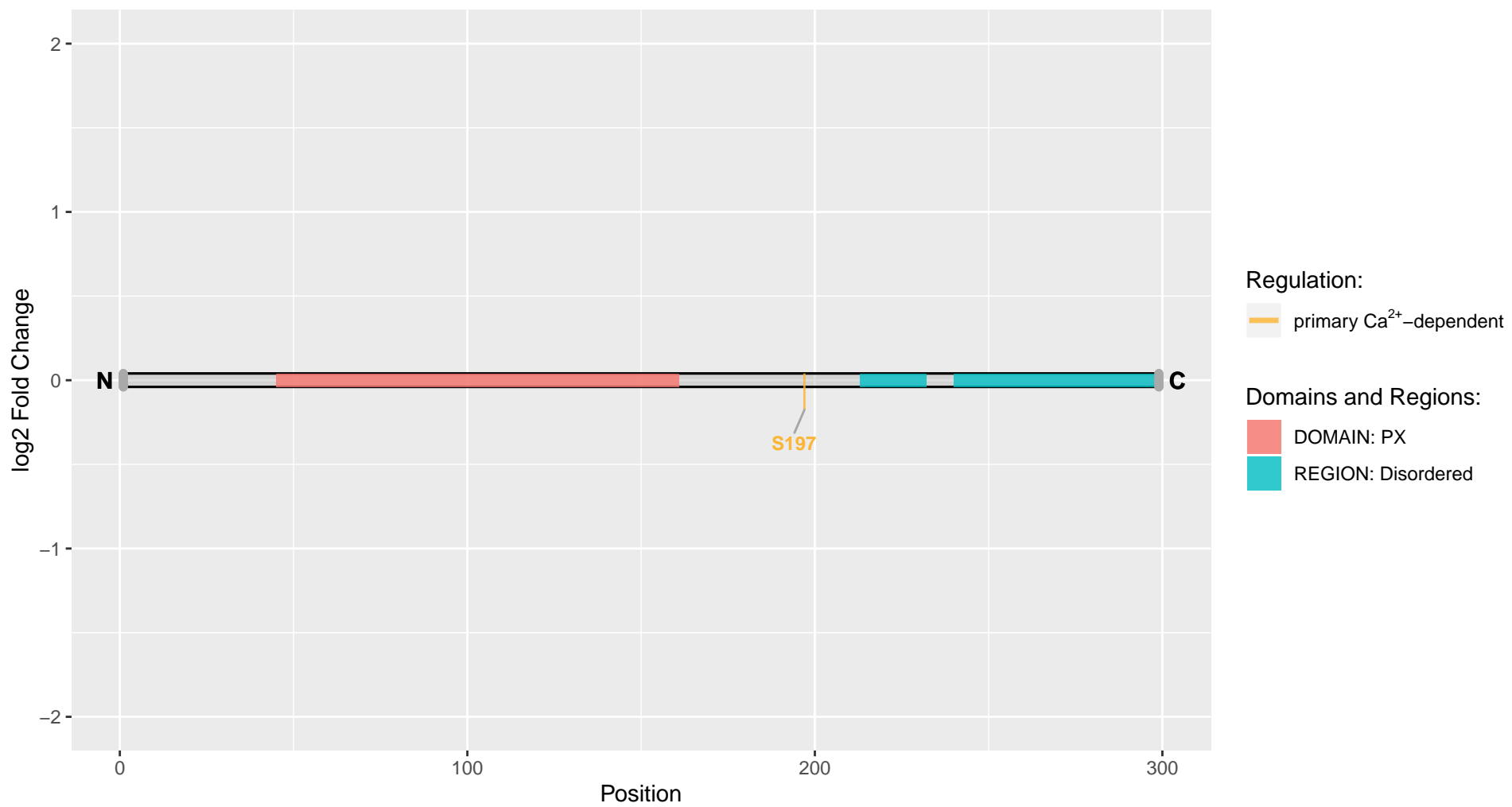
Syntaphilin



Snx11

Uniprot Accession: A0A0G2JXH9

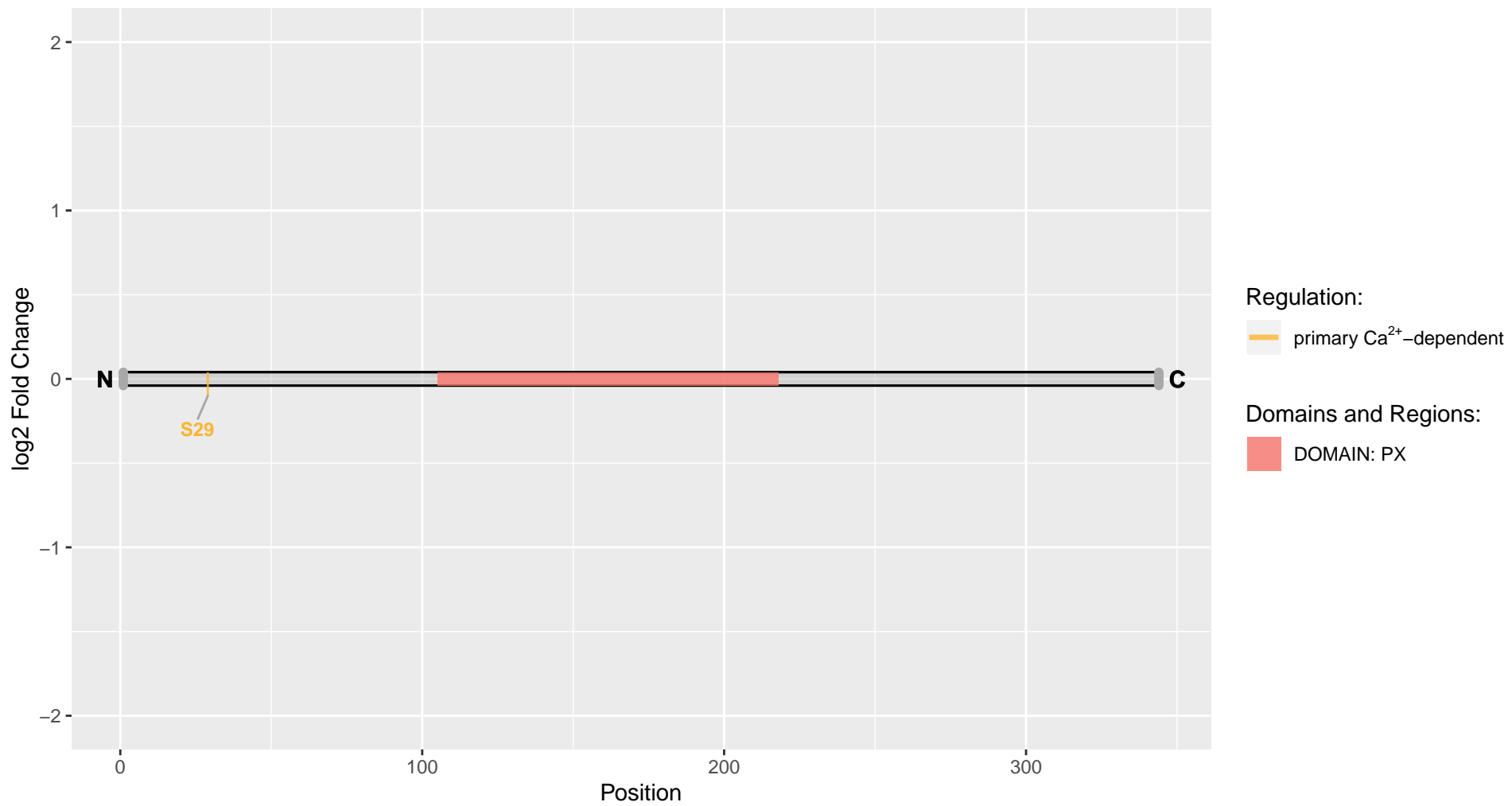
Sorting nexin 11



Snx16

Uniprot Accession: P57769

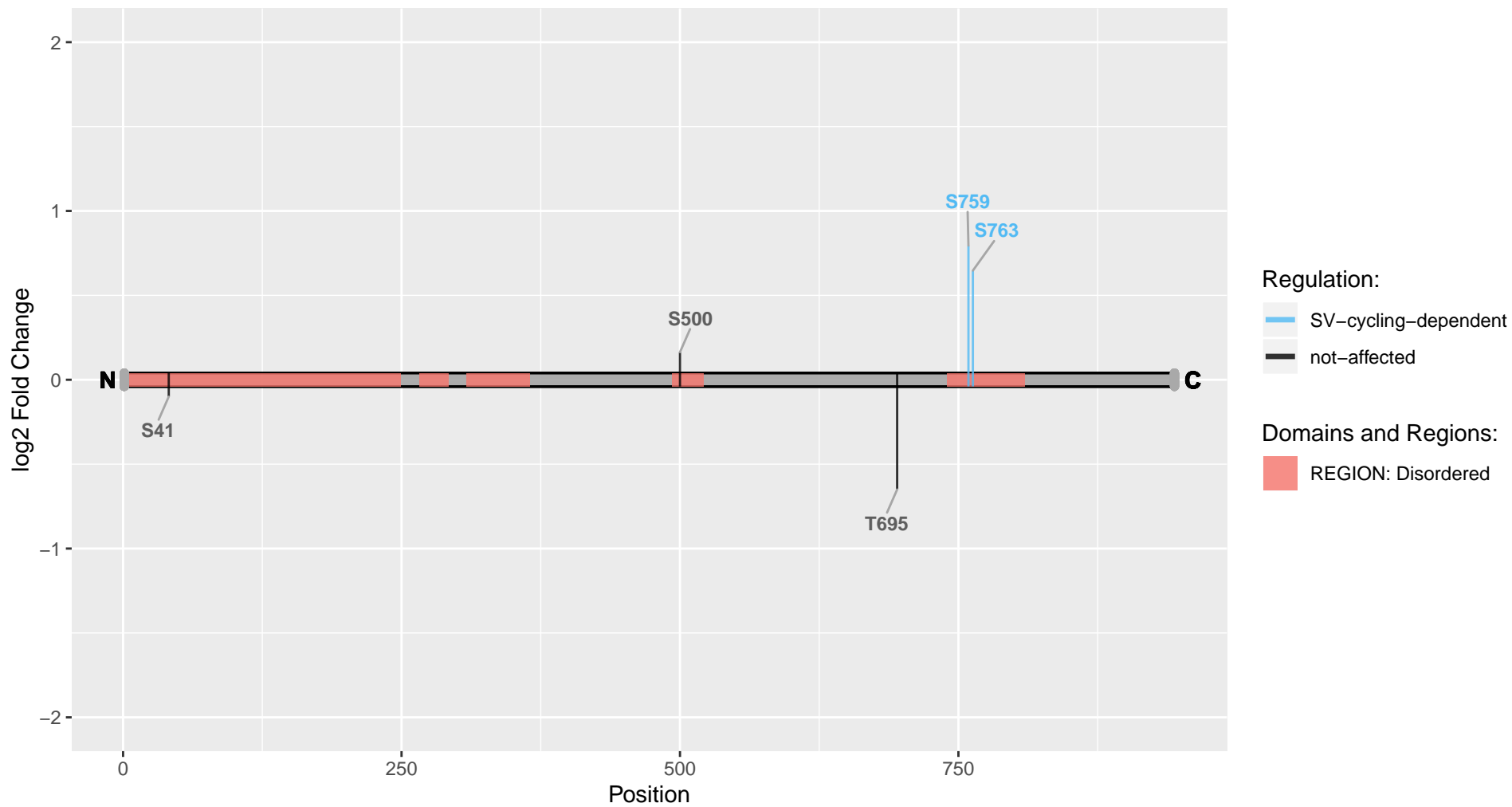
Sorting nexin-16



Soga3

Uniprot Accession: D4A0A1

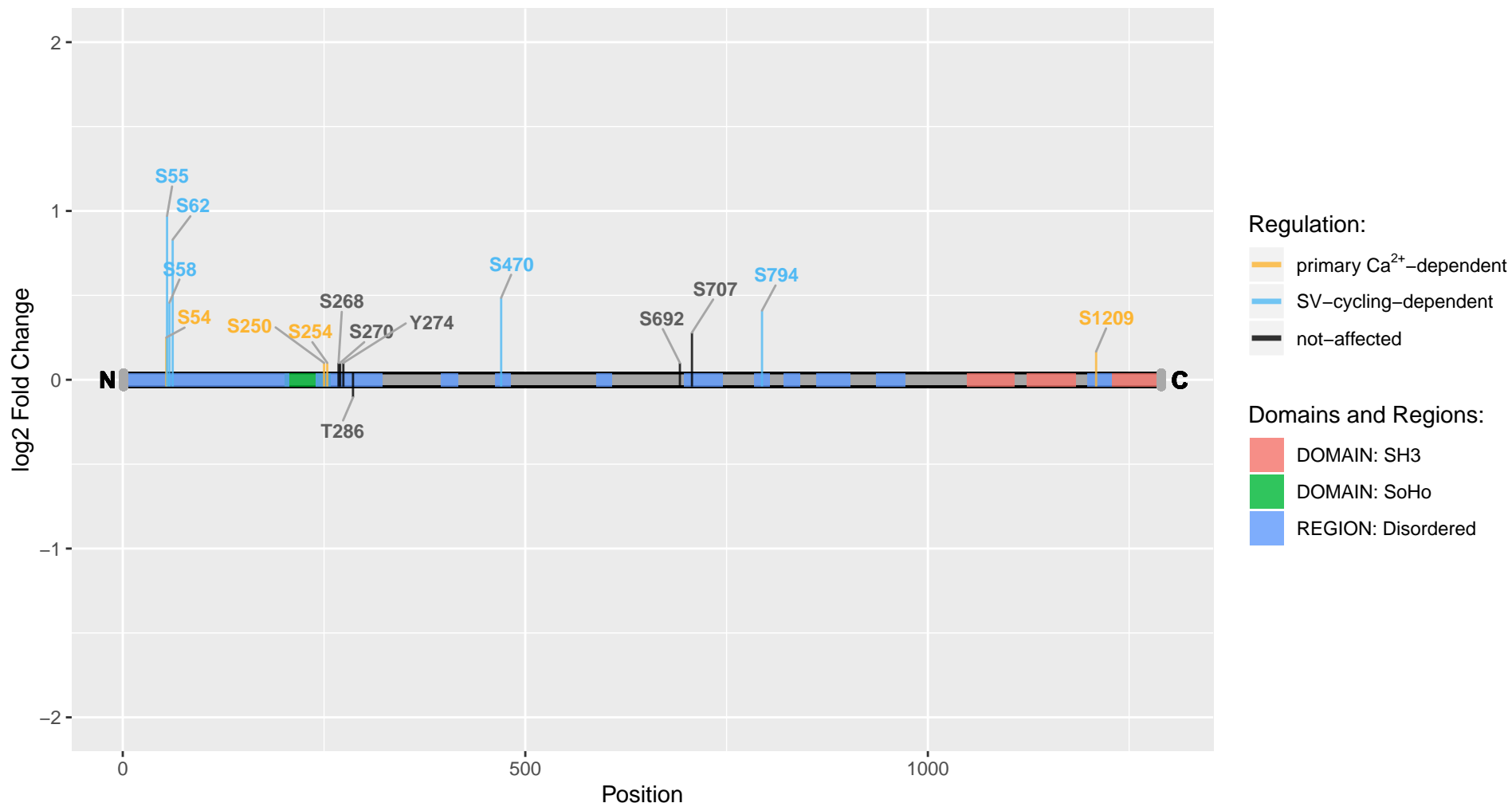
SOGA family member 3



Sorbs1

Uniprot Accession: F1M820

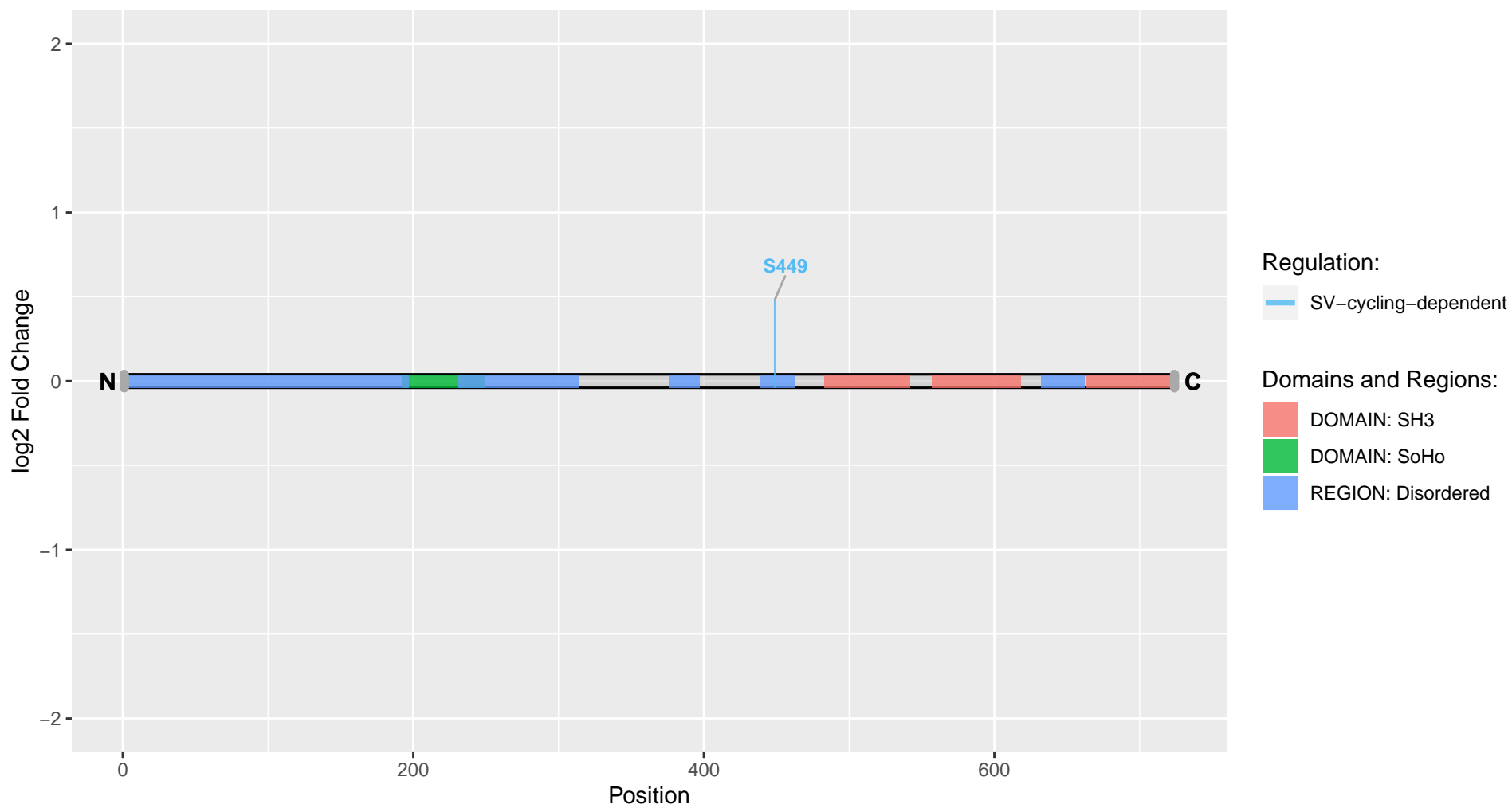
Sorbin and SH3 domain-containing protein 1



Sorbs1

Uniprot Accession: F1M840

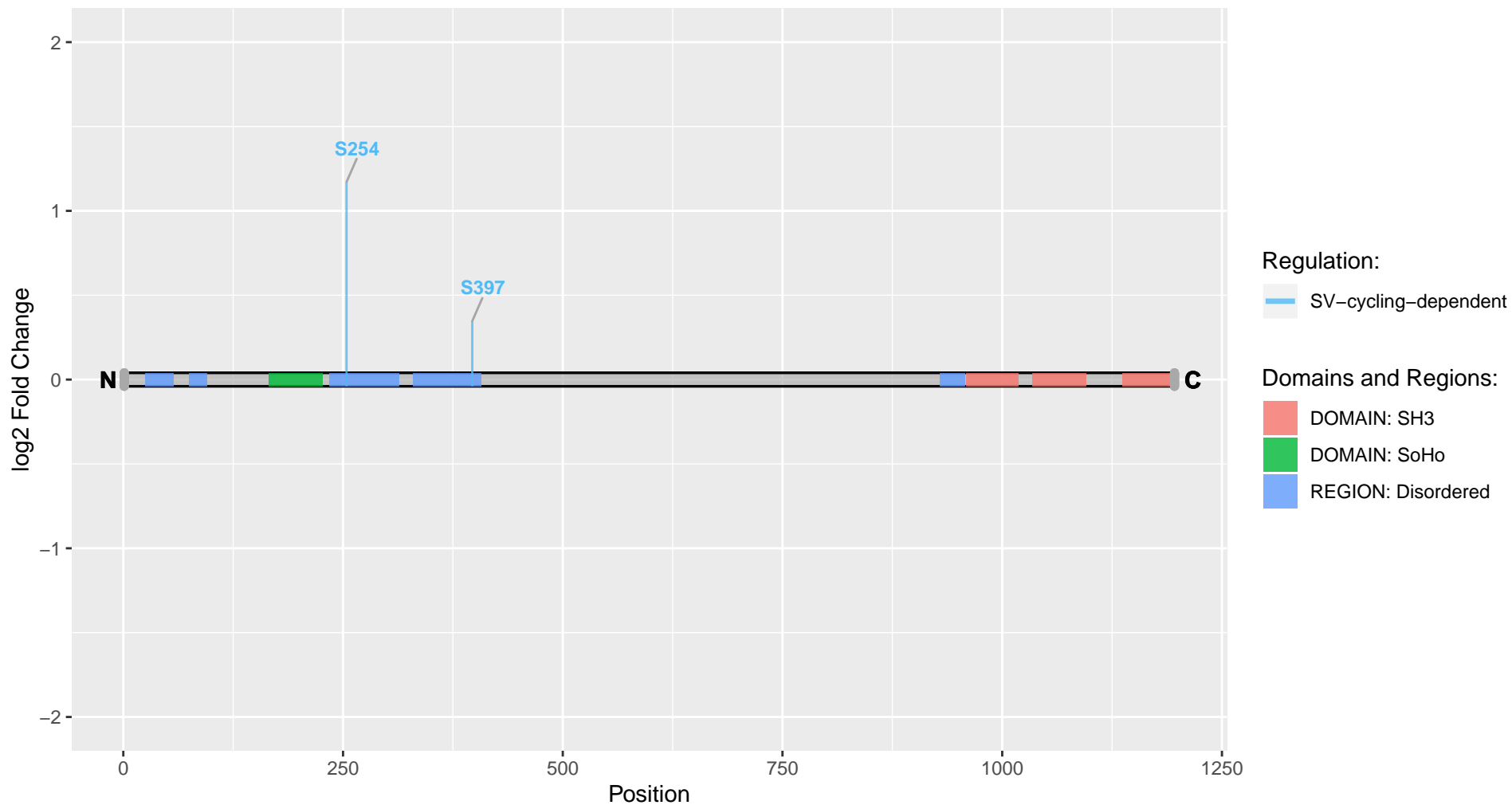
Sorbin and SH3 domain-containing protein 1



Sorbs2

Uniprot Accession: F1LPM3

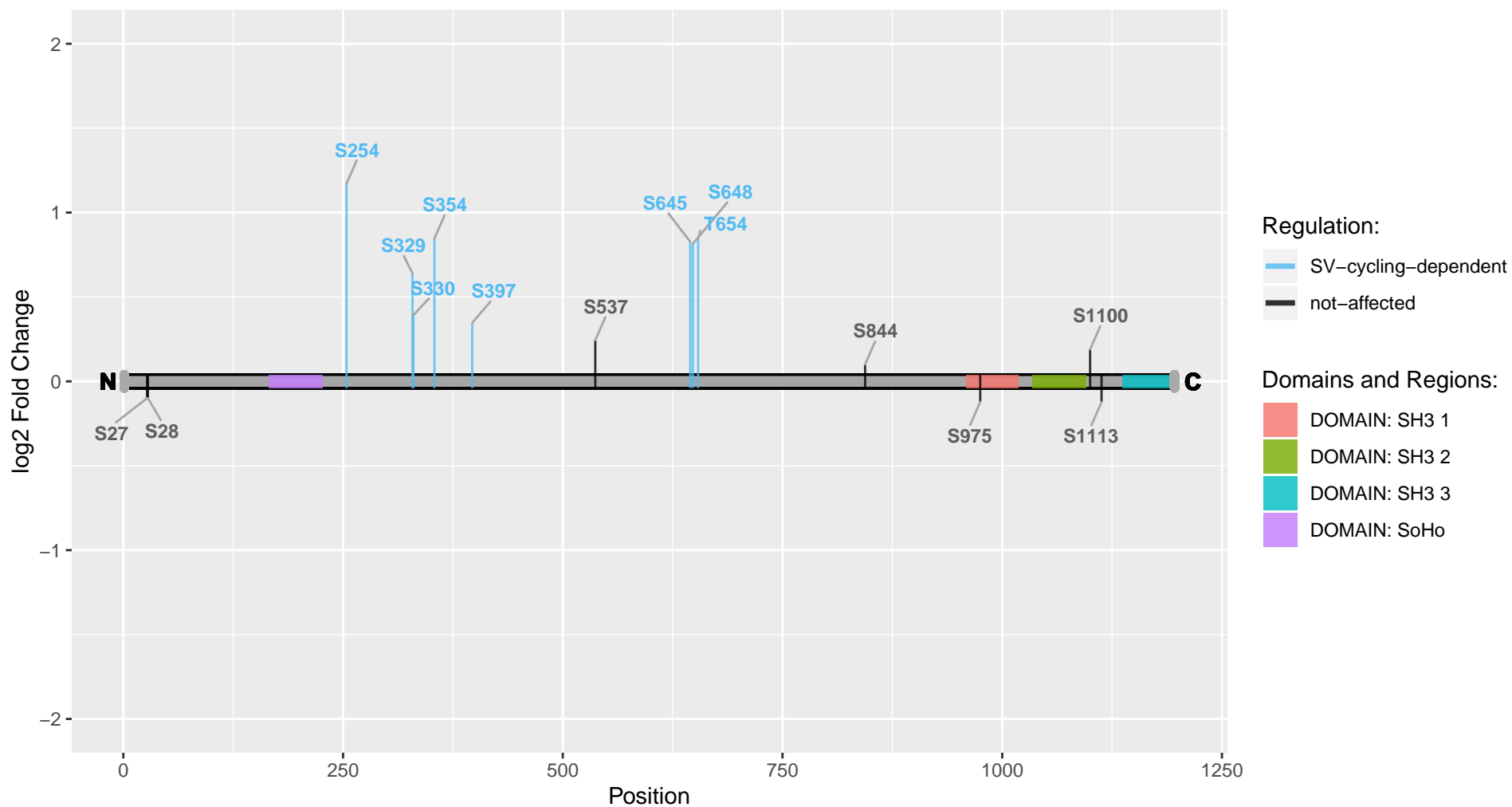
Sorbin and SH3 domain-containing protein 2



Sorbs2

Uniprot Accession: O35413

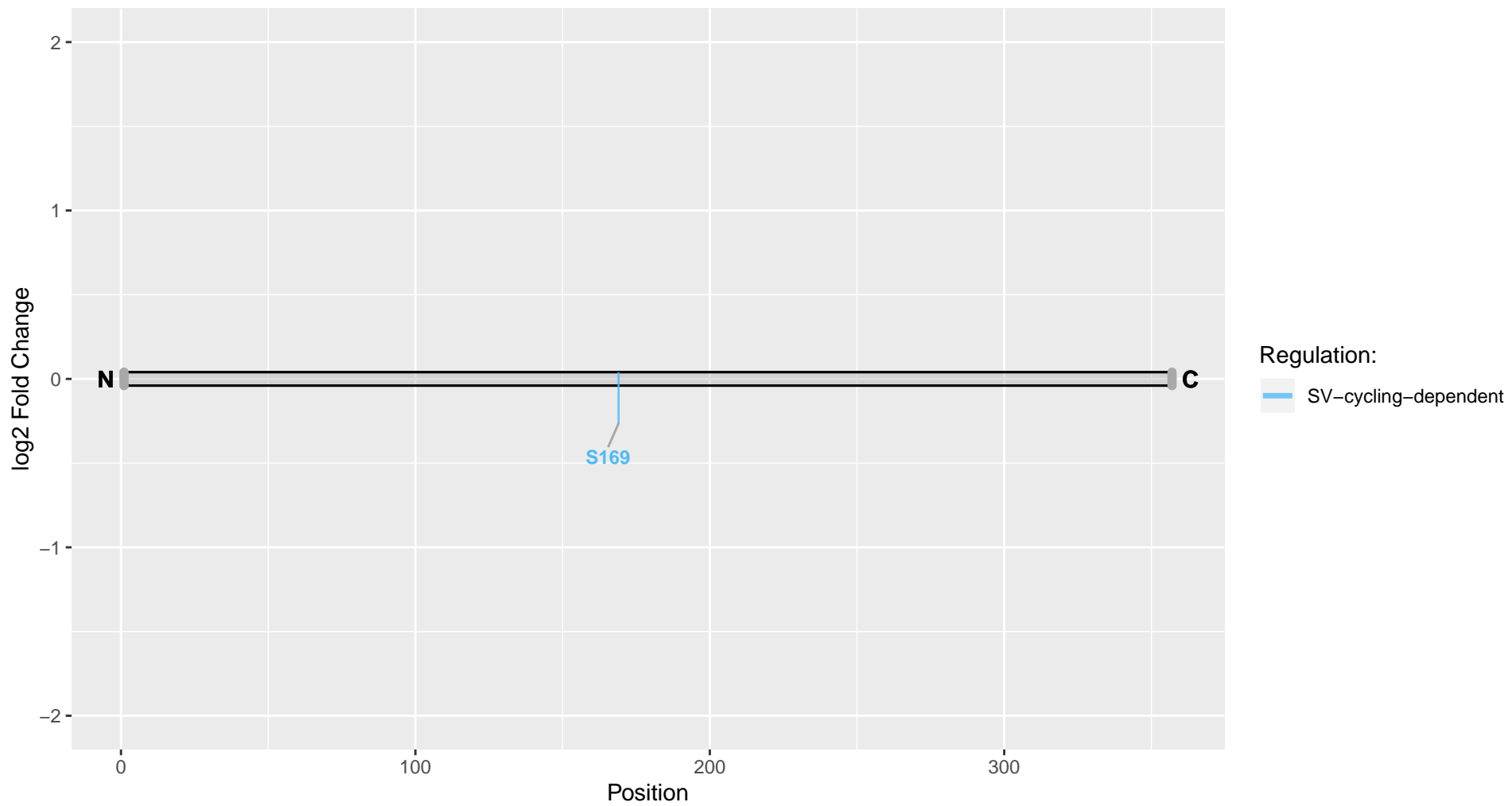
Sorbin and SH3 domain-containing protein 2



Sord

Uniprot Accession: P27867

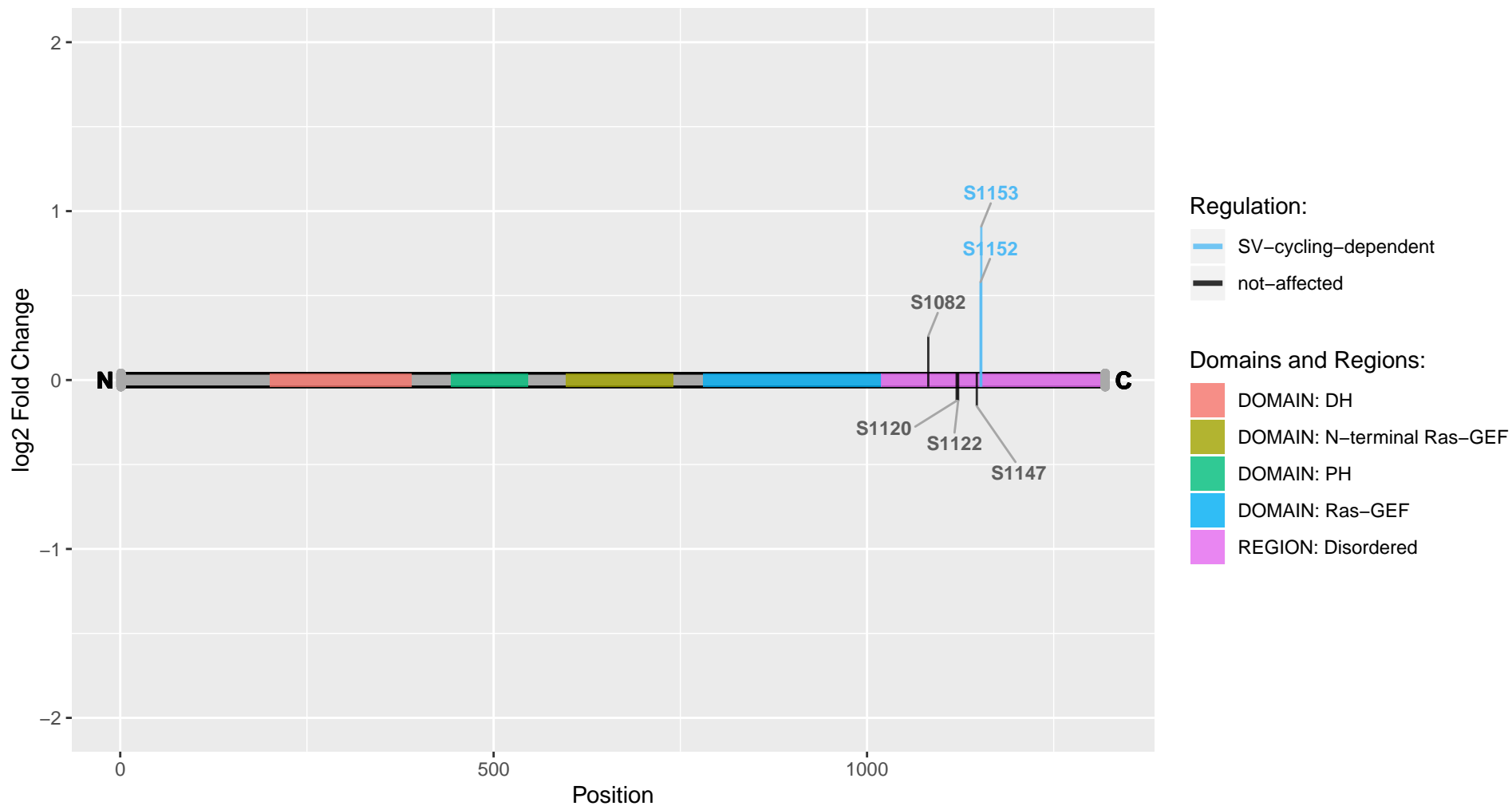
Sorbitol dehydrogenase



Sos1

Uniprot Accession: D4A3T0

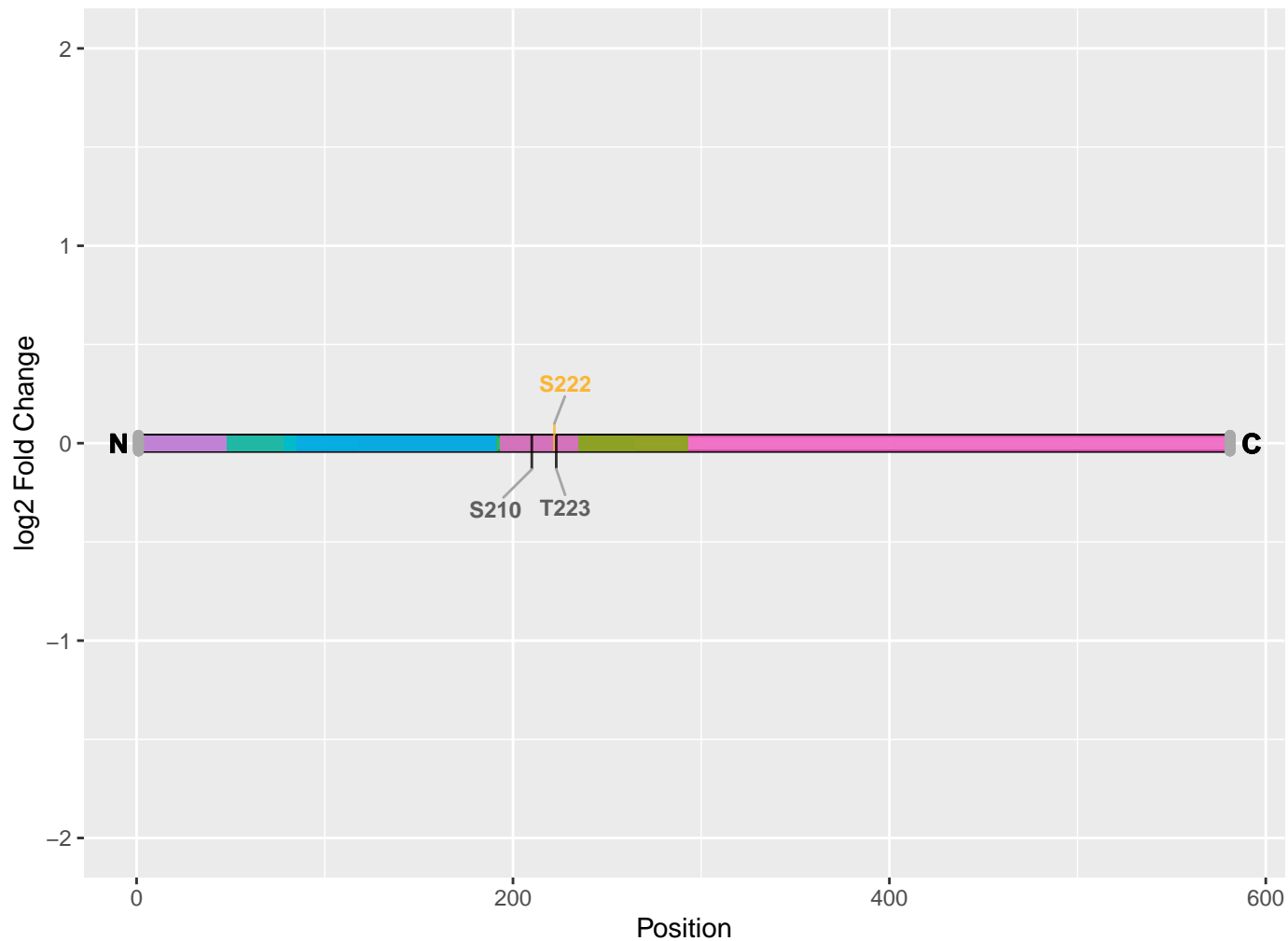
SOS Ras/Rac guanine nucleotide exchange factor 1



Spast

Uniprot Accession: B2RYN7

Spastin



Regulation:

- primary Ca²⁺-dependent
- not-affected

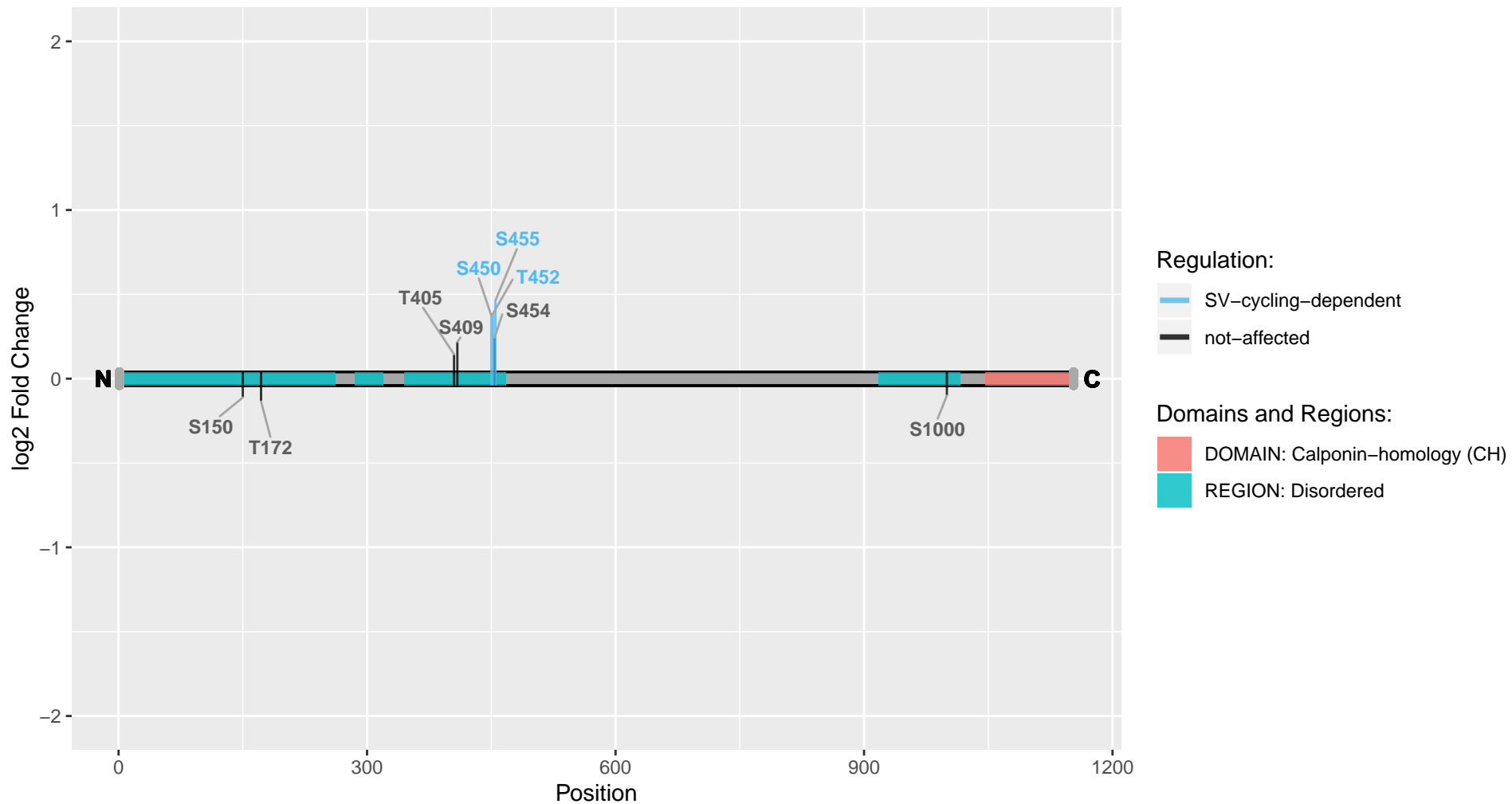
Domains and Regions:

- DOMAIN: MIT
- REGION: Required for interaction with ATL1
- REGION: Required for interaction with microtubules and microtubule severing
- REGION: Required for interaction with RTN1
- REGION: Required for interaction with SSNA1 and microtubules
- REGION: Required for midbody localization
- REGION: Required for nuclear localization
- REGION: Sufficient for microtubule severing

Specc1

Uniprot Accession: A0A0G2K5D7

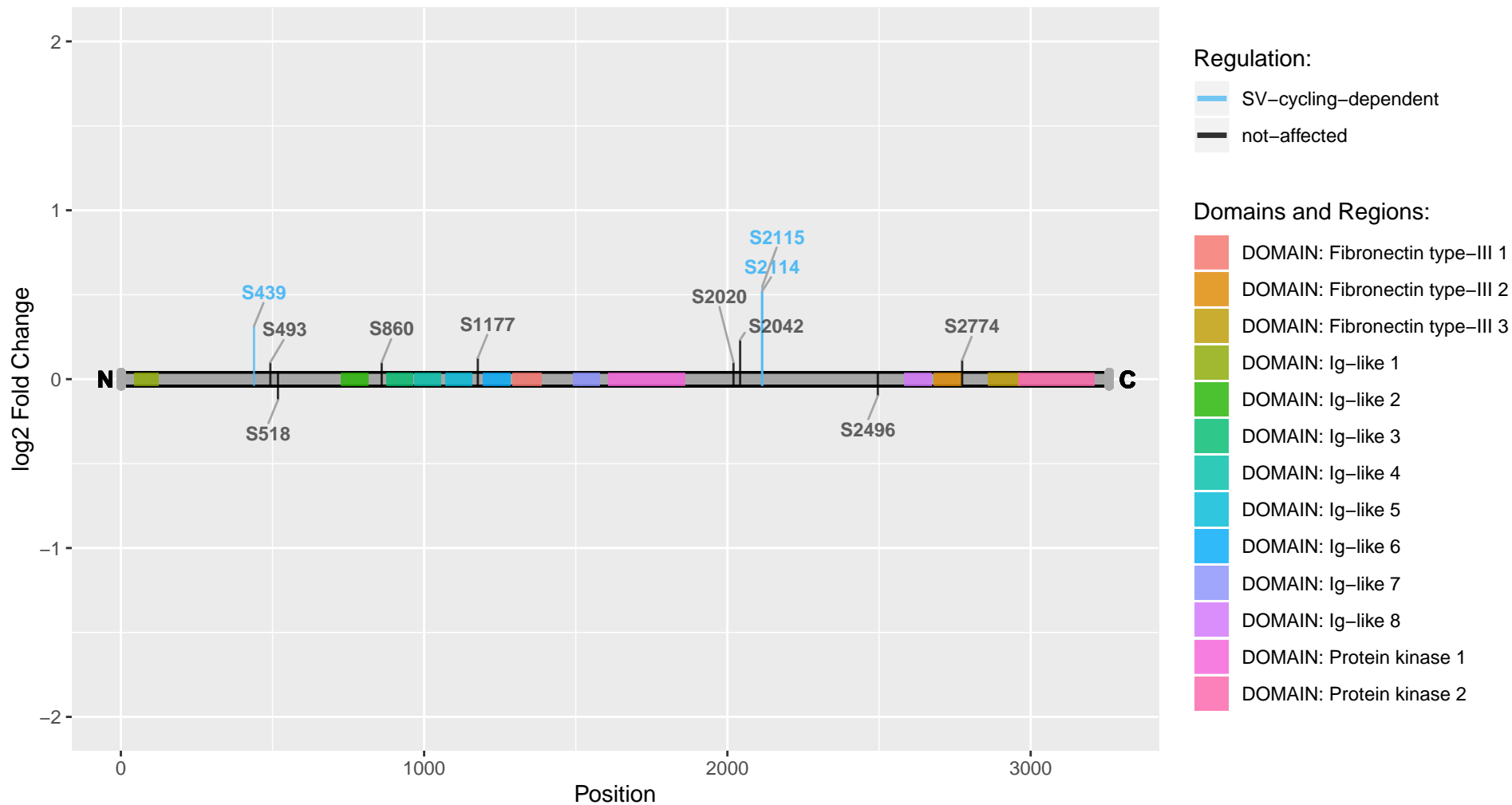
Sperm antigen with calponin homology and coiled-coil domains 1



Speg

Uniprot Accession: Q63638

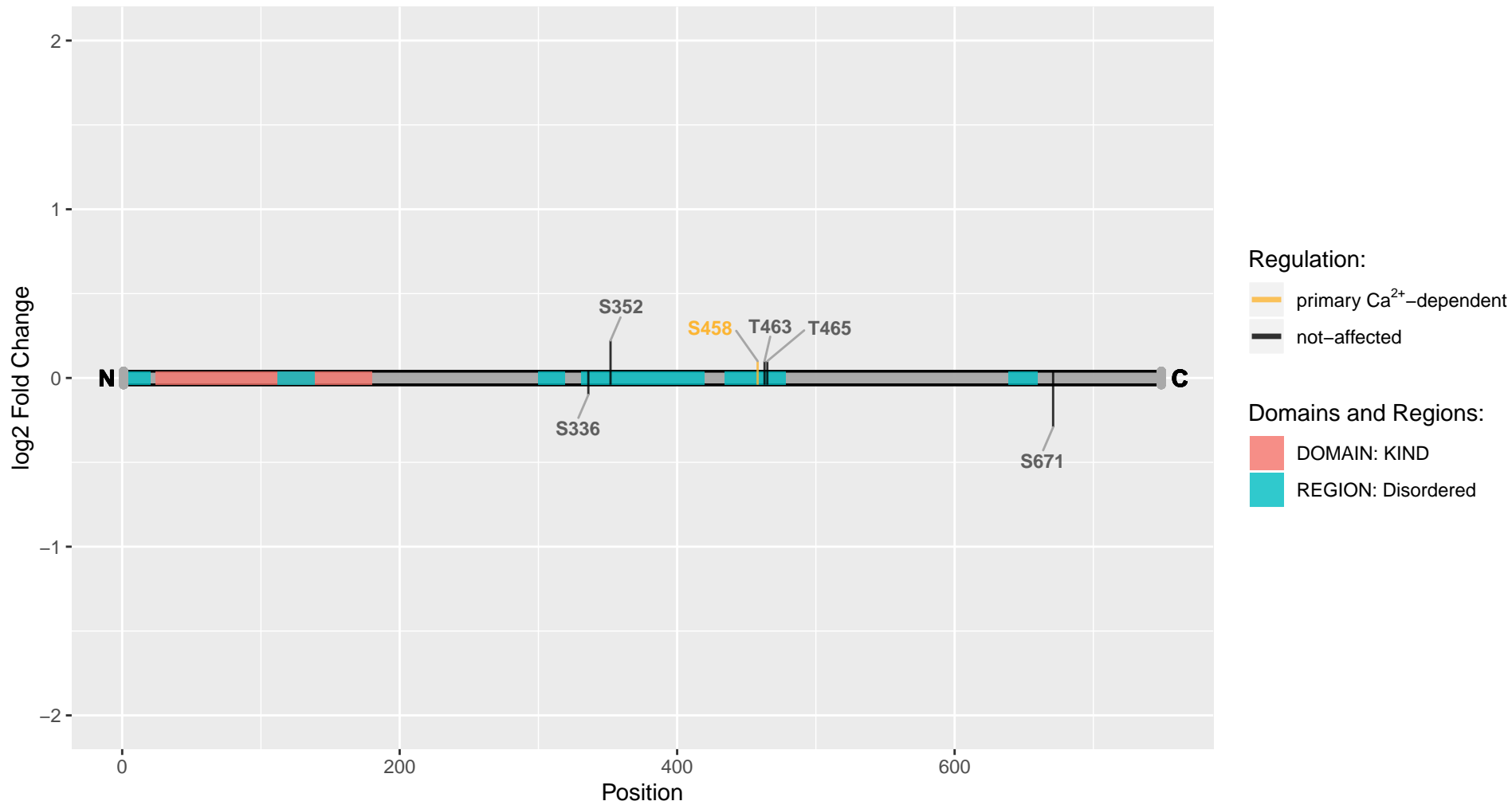
Striated muscle-specific serine/threonine-protein kinase



Spire1

Uniprot Accession: D3ZEX7

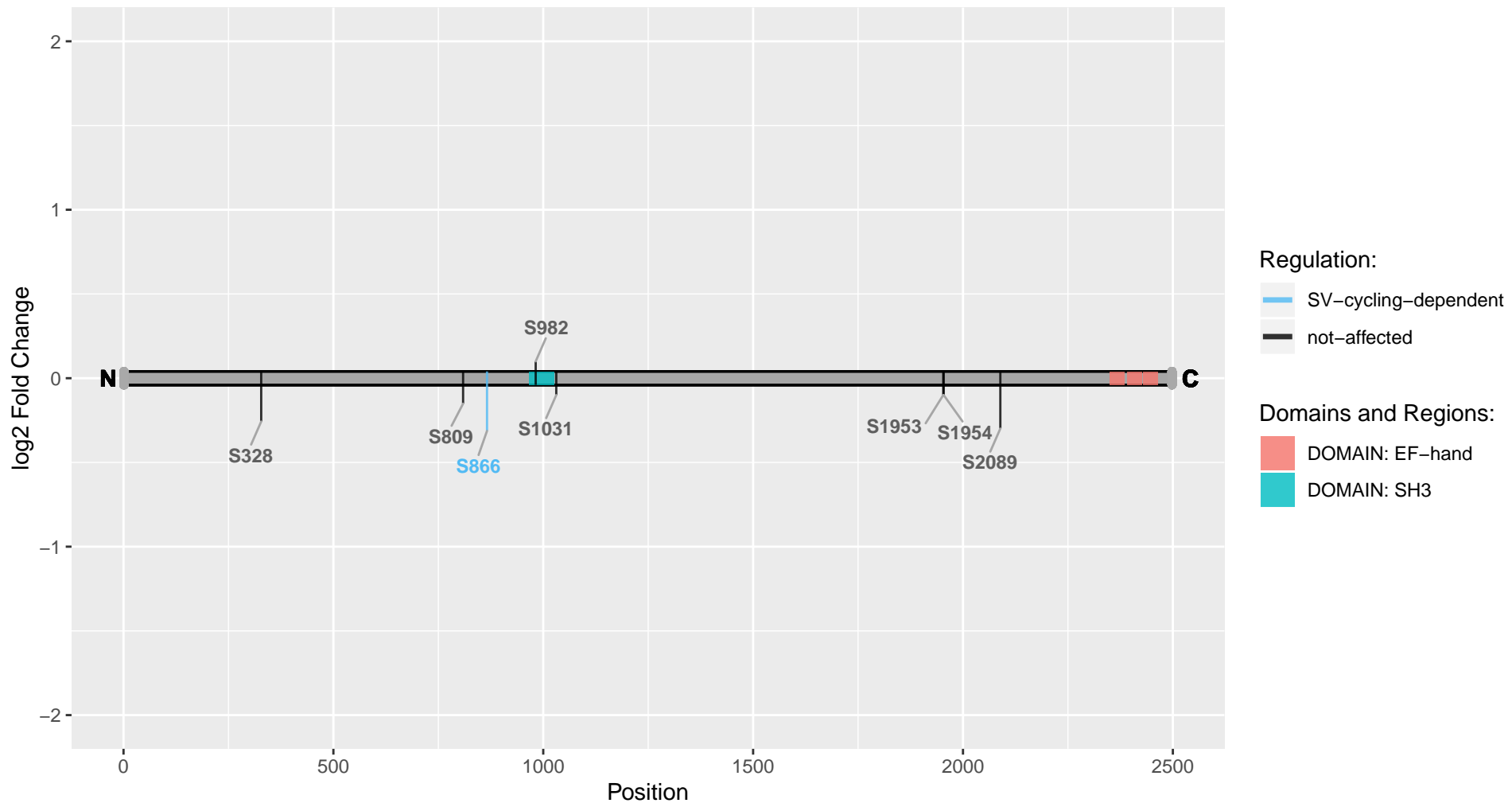
Spire homolog 1 (*Drosophila*) (Predicted), isoform CRA_b



Sptan1

Uniprot Accession: A0A0G2K1Y8

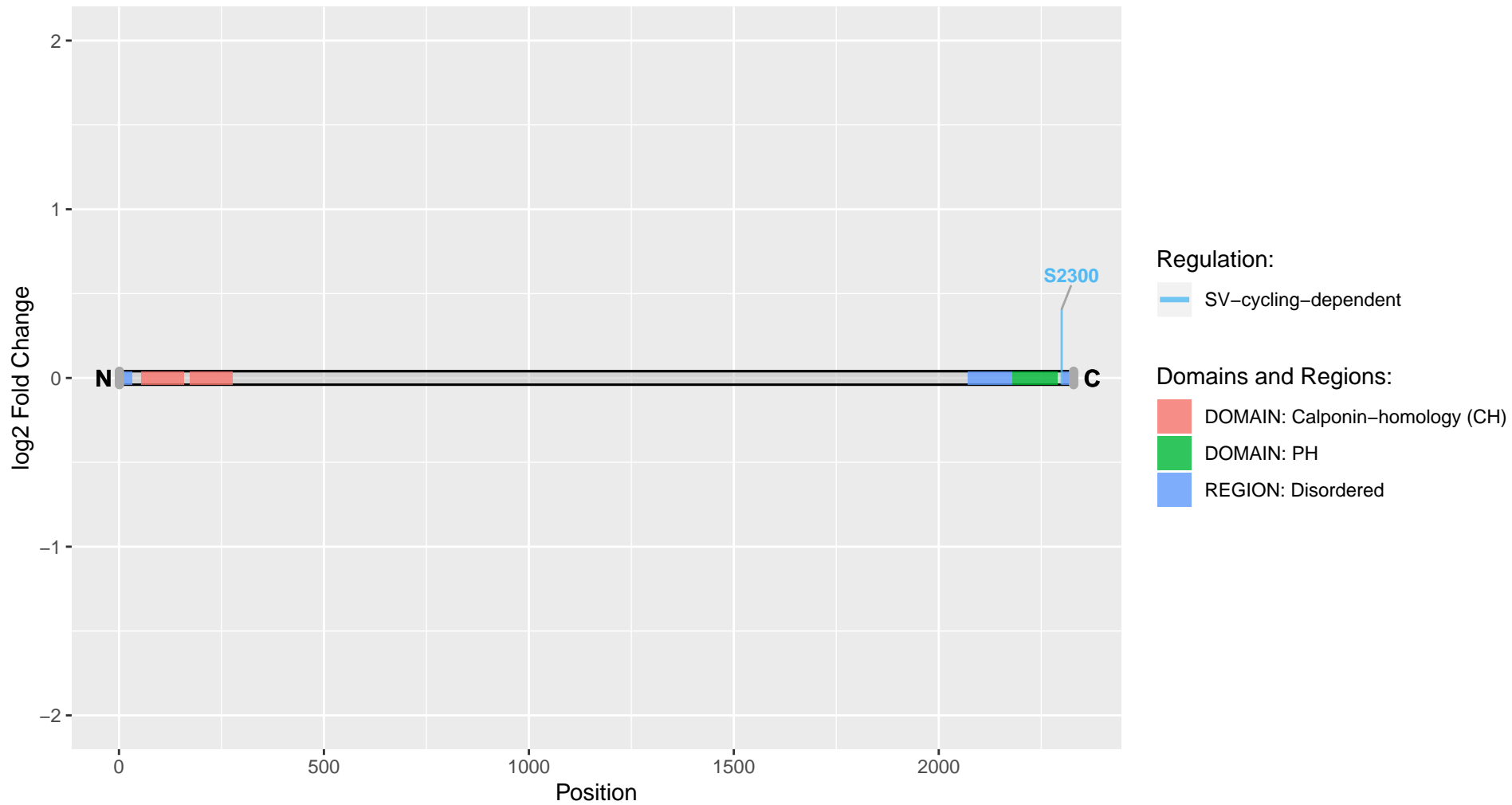
Spectrin alpha chain, non-erythrocytic 1



Sptb

Uniprot Accession: A0A140UHX6

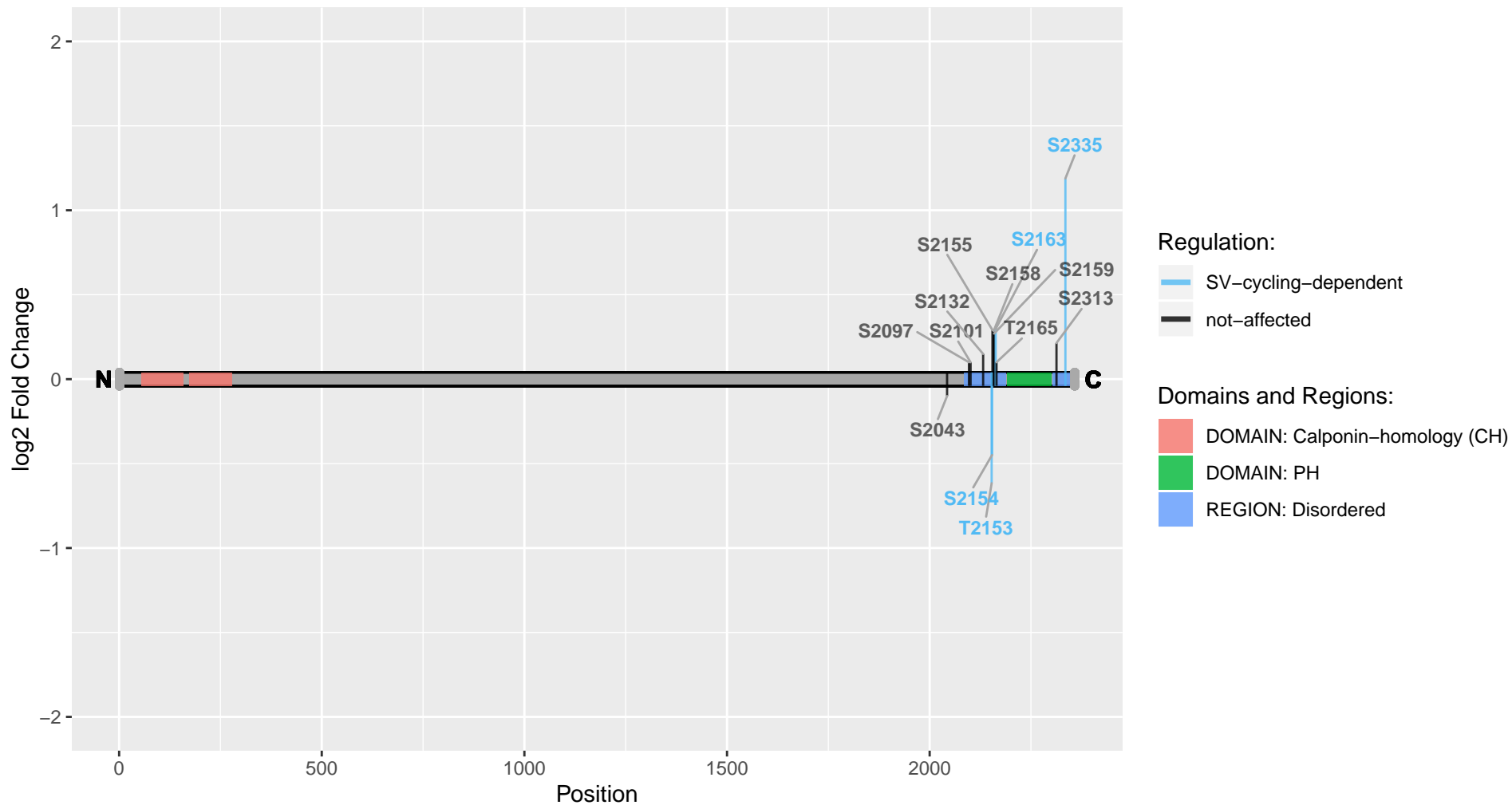
Spectrin beta chain



Sptbn1

Uniprot Accession: A0A0G2K8W9

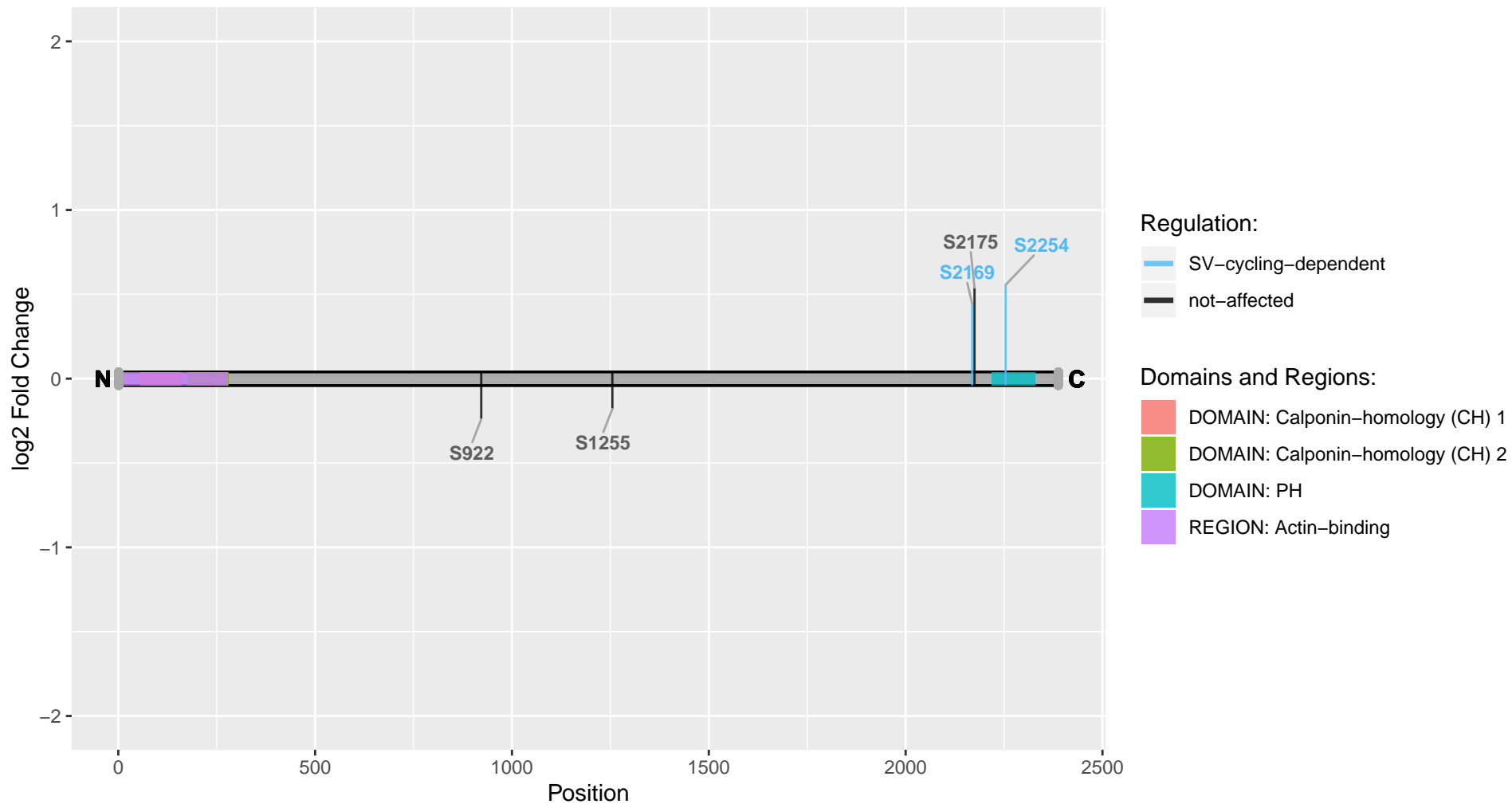
Spectrin beta chain



Sptbn2

Uniprot Accession: Q9QWN8

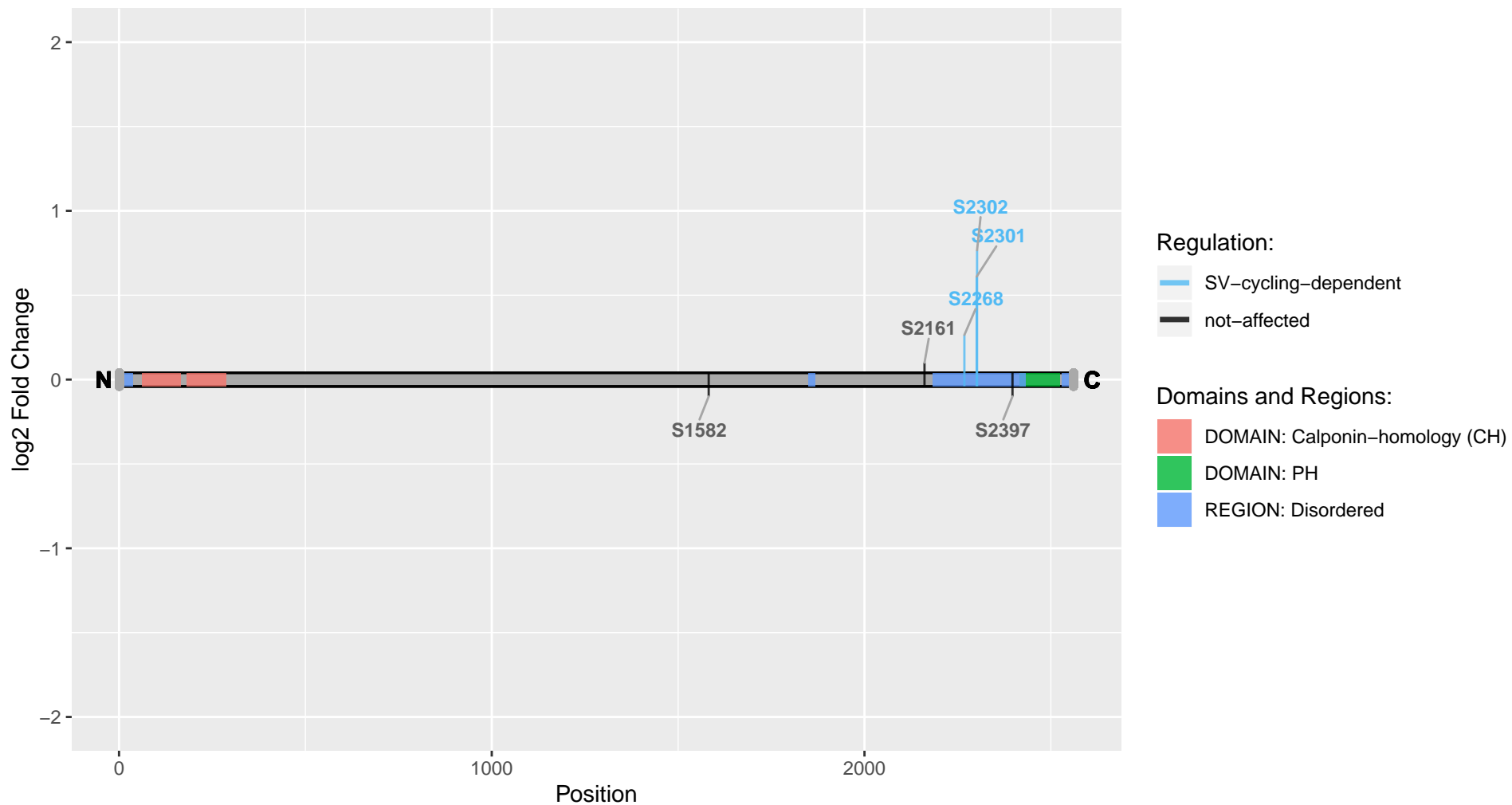
Spectrin beta chain, non-erythrocytic 2



Sptbn4

Uniprot Accession: A0A0G2K677

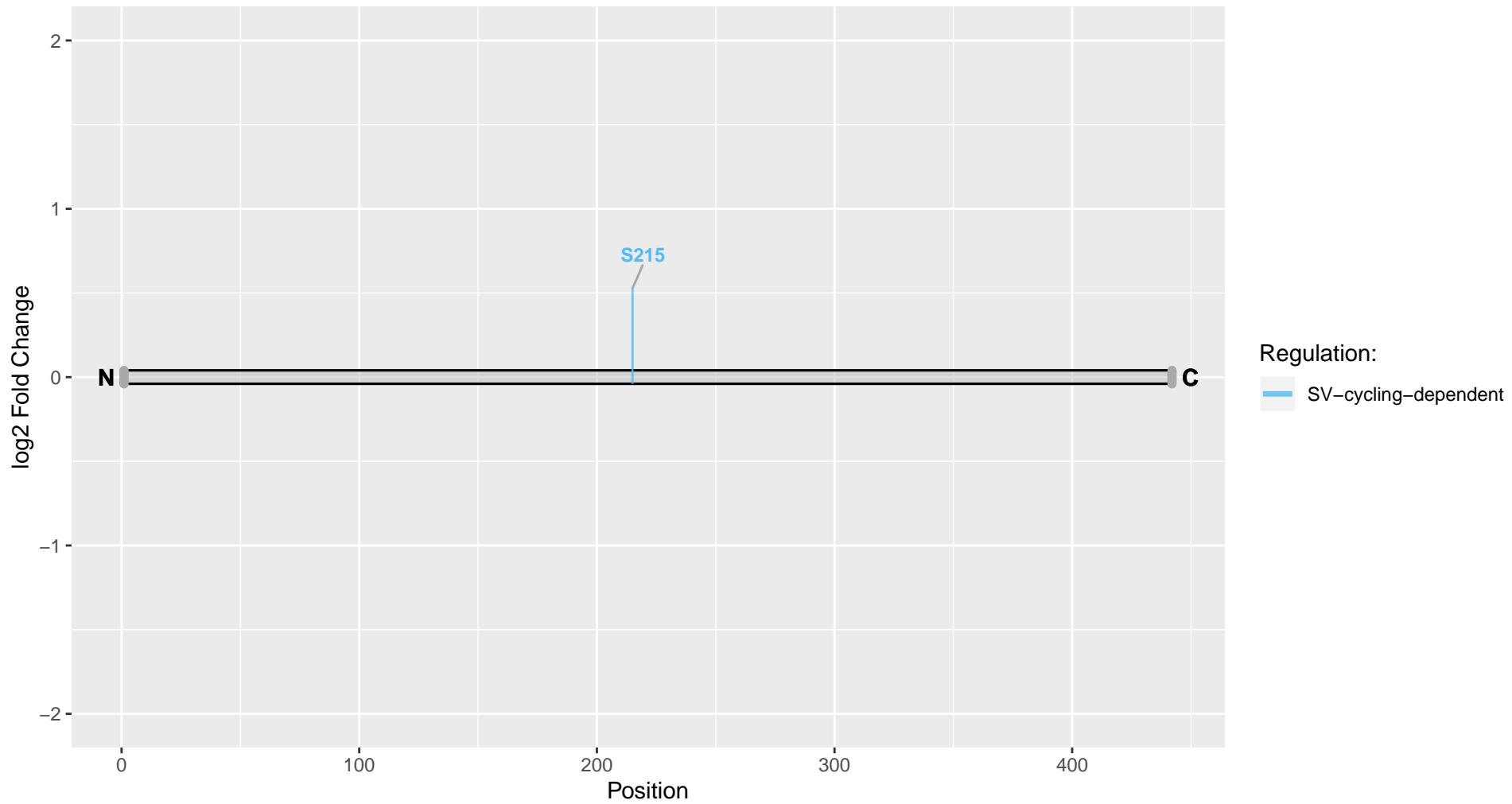
Spectrin beta chain



Srfbp1

Uniprot Accession: Q66H19

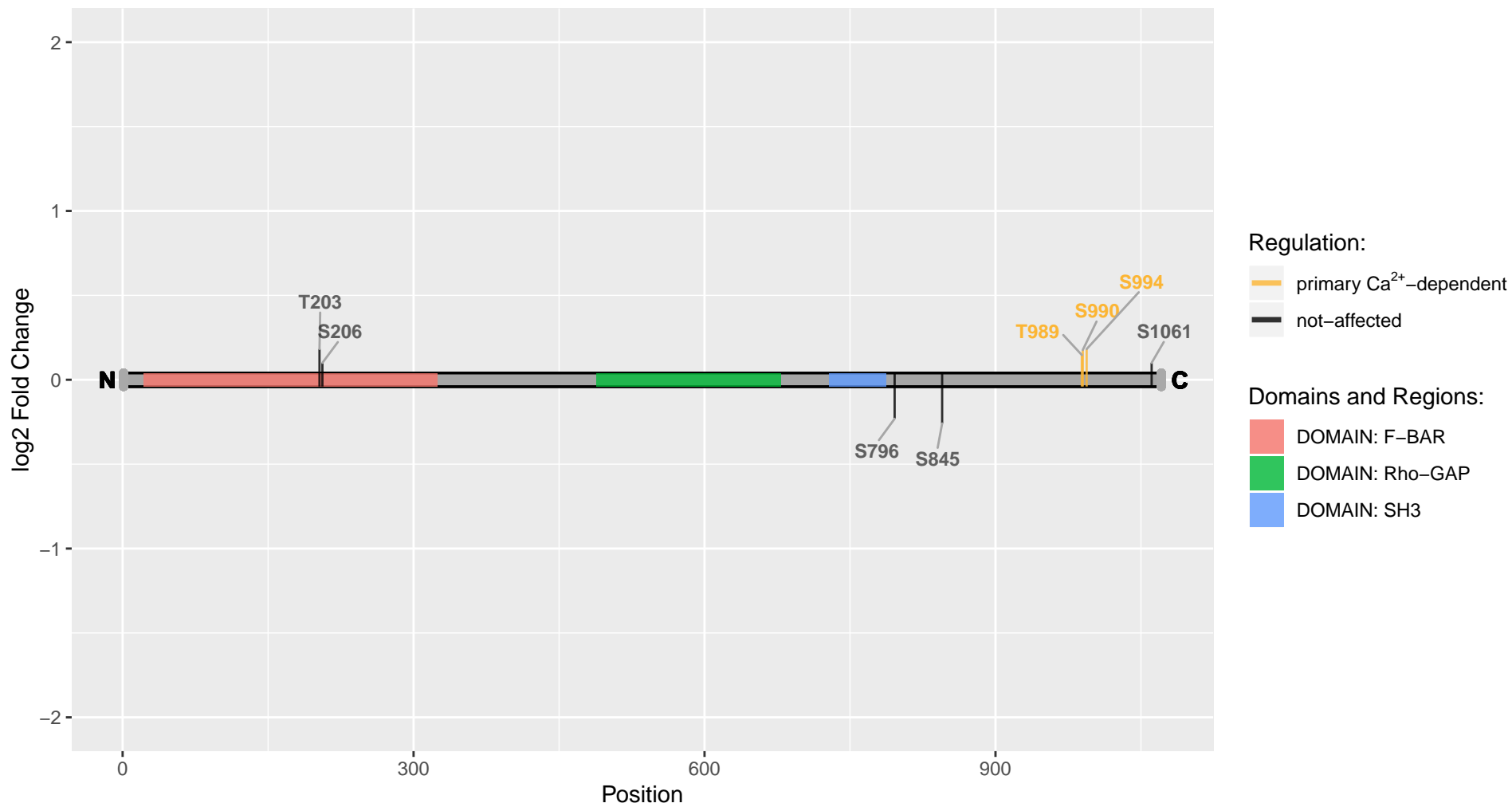
Serum response factor-binding protein 1



Srgap2

Uniprot Accession: D4A208

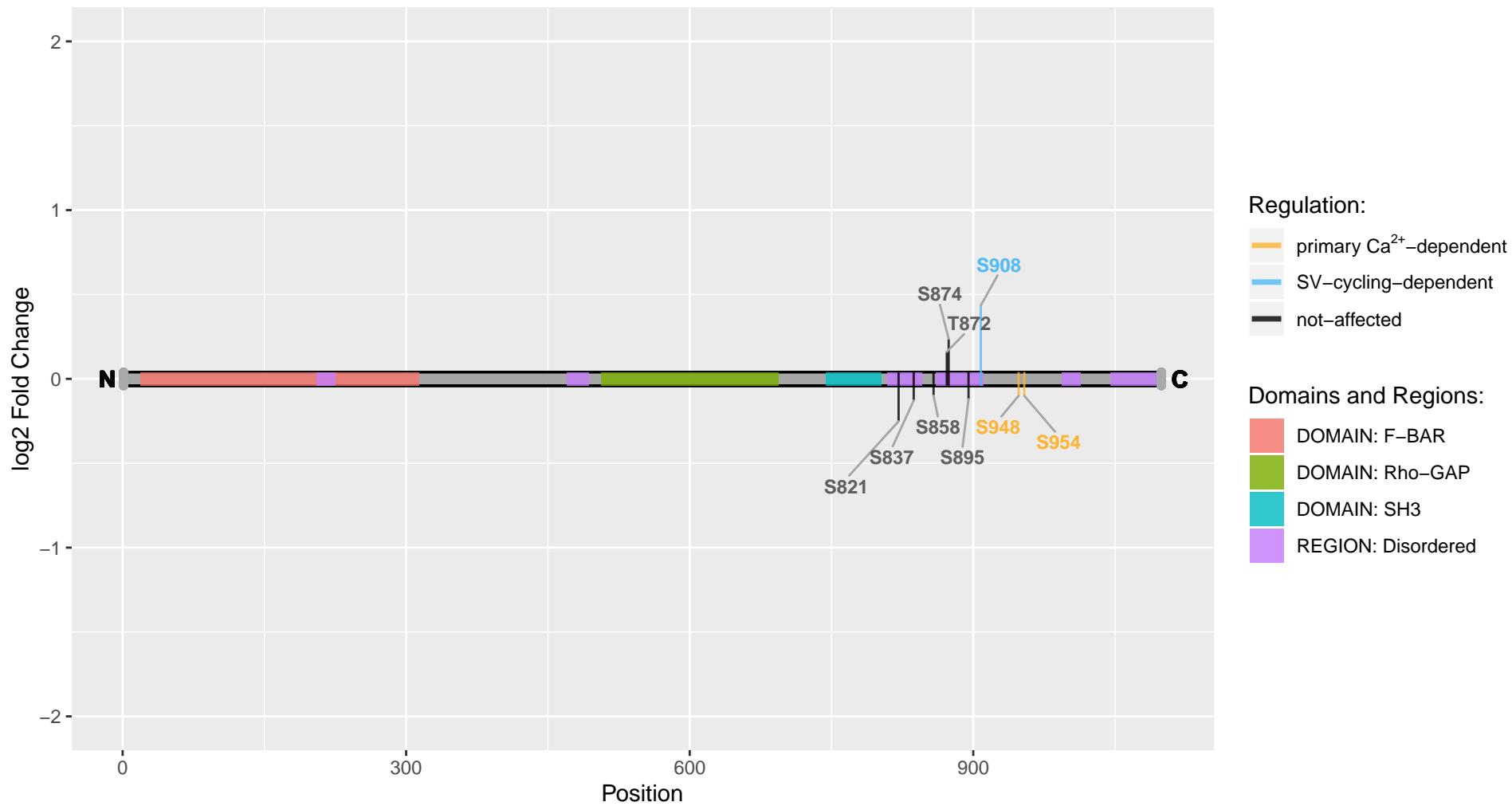
SLIT-ROBO Rho GTPase-activating protein 2



Srgap3

Uniprot Accession: F1M5M9

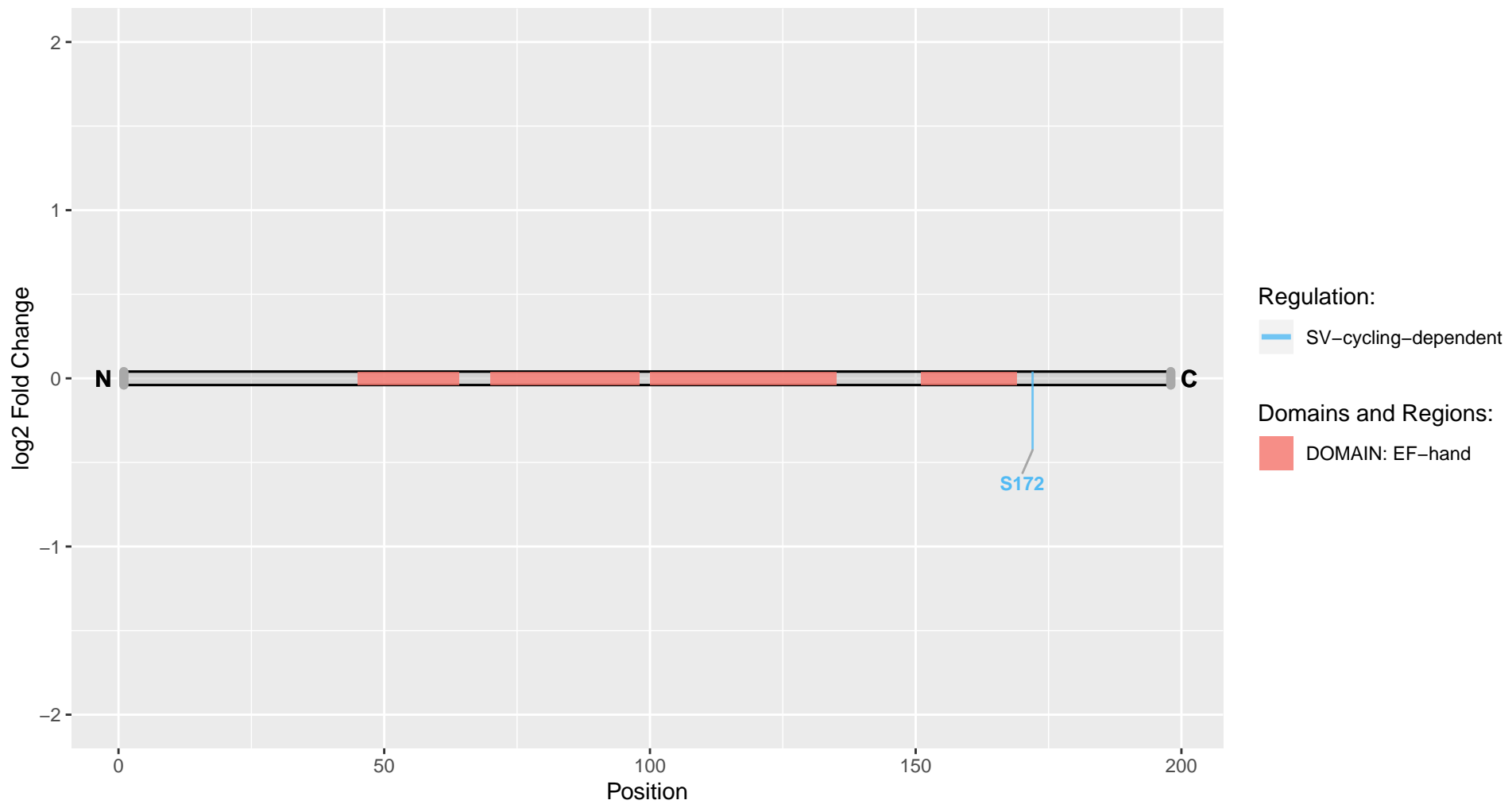
SLIT-ROBO Rho GTPase-activating protein 3



Sri

Uniprot Accession: B0BNJ1

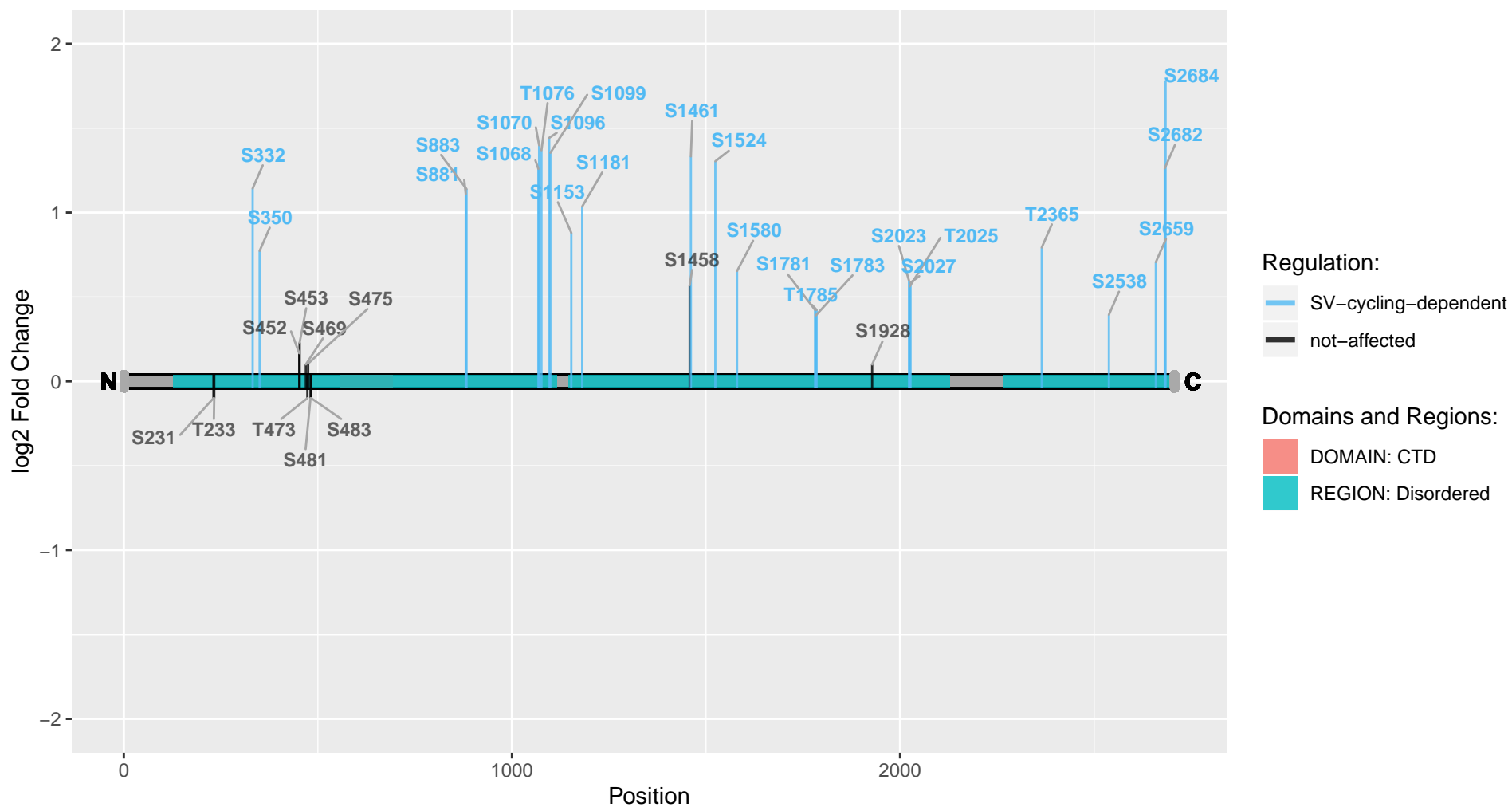
LOC683667 protein



Srrm2

Uniprot Accession: A0A0G2K2M9

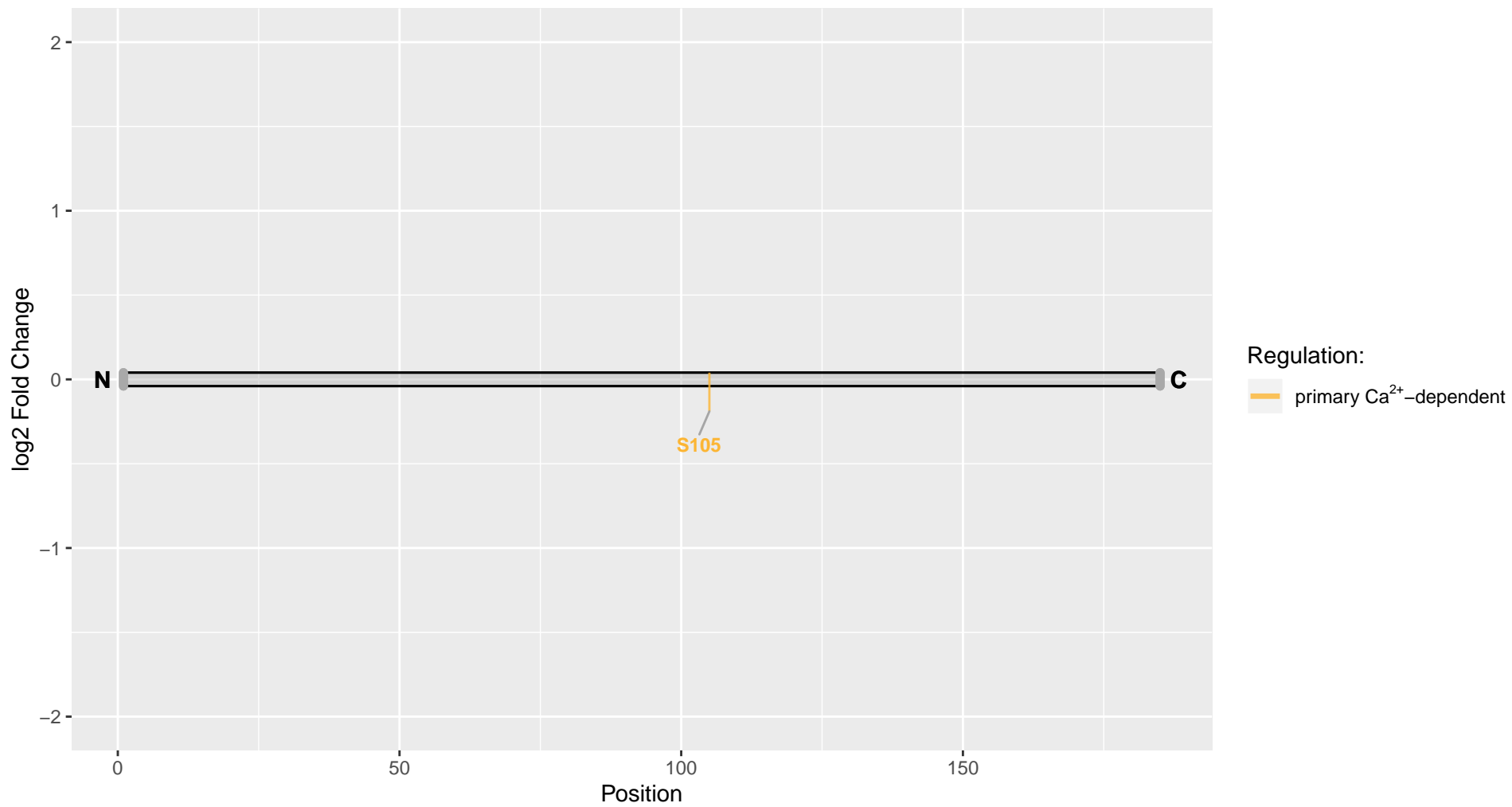
Serine/arginine repetitive matrix 2



Ssr3

Uniprot Accession: Q08013

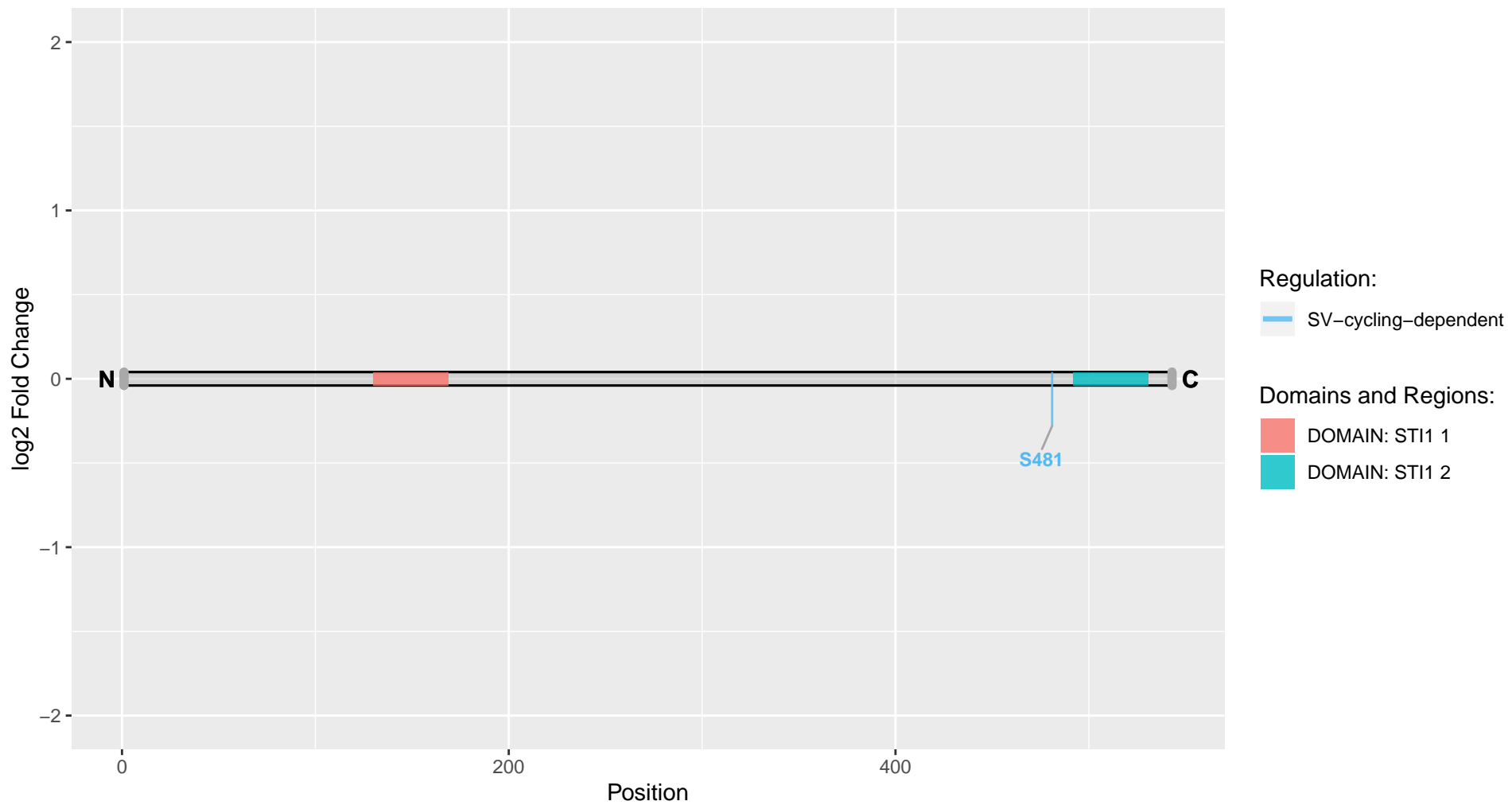
Translocon-associated protein subunit gamma



Stip1

Uniprot Accession: O35814

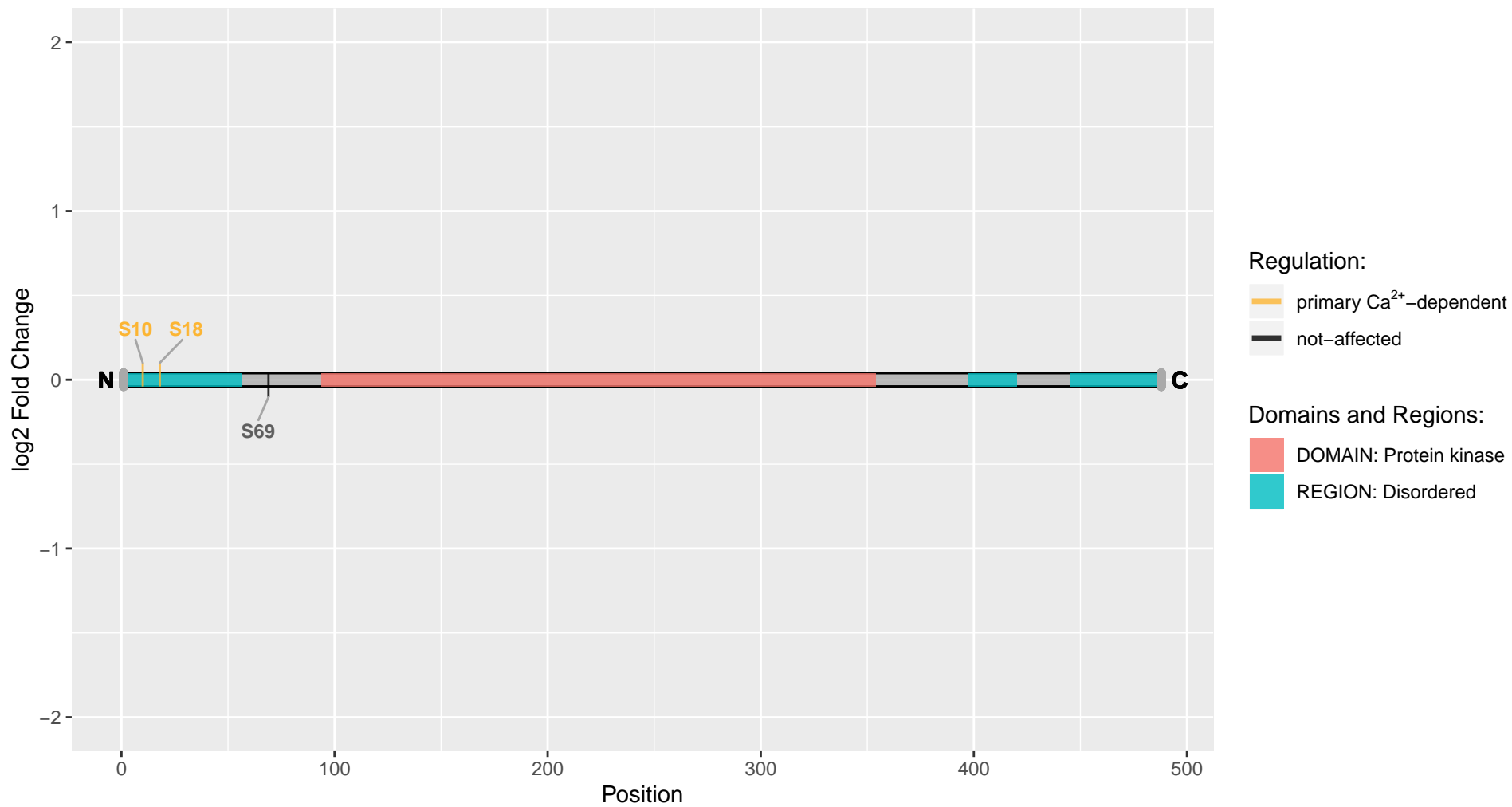
Stress-induced-phosphoprotein 1



Stk32c

Uniprot Accession: D4A3D9

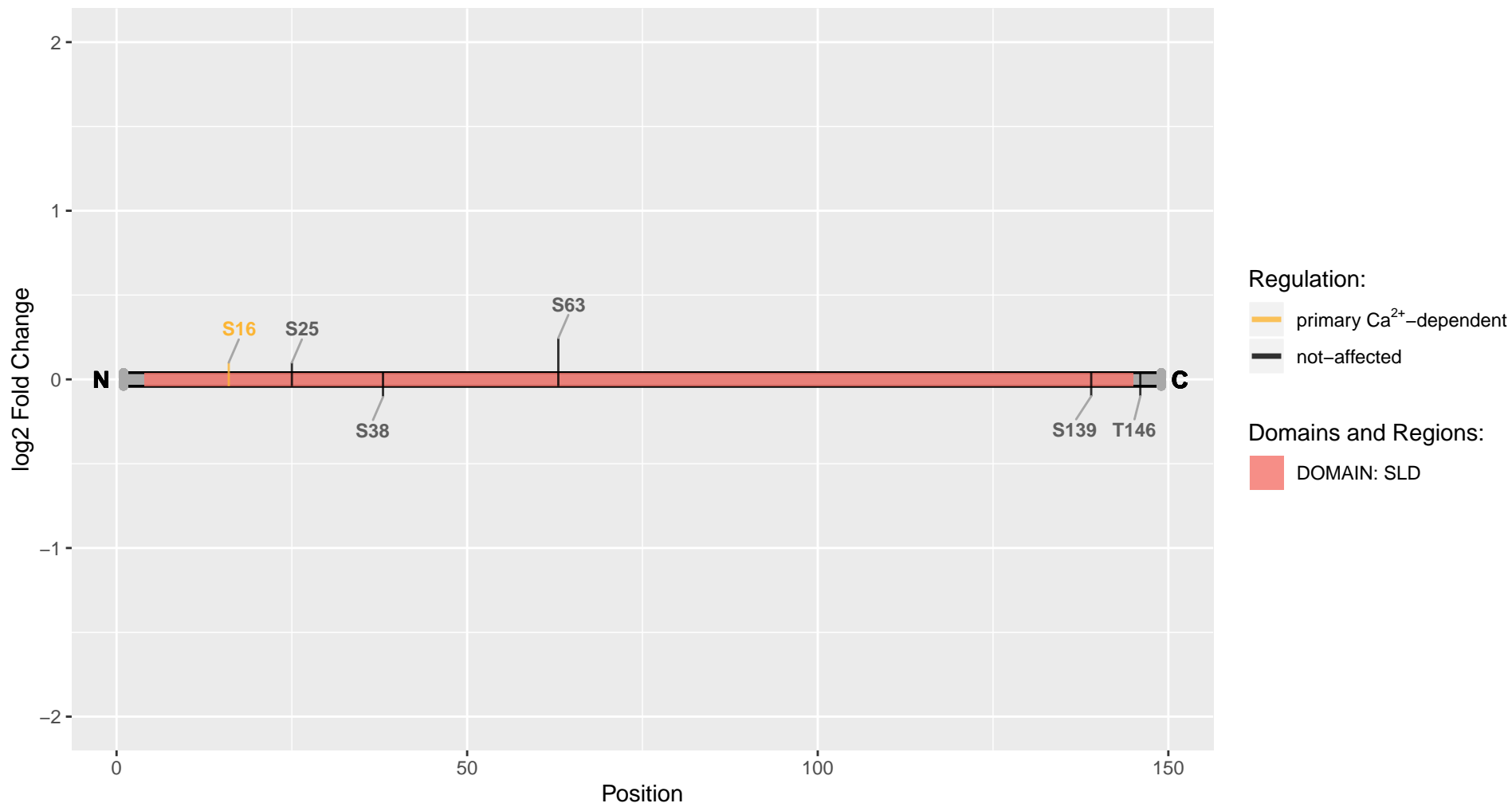
Serine/threonine kinase 32C



Stmn1

Uniprot Accession: P13668

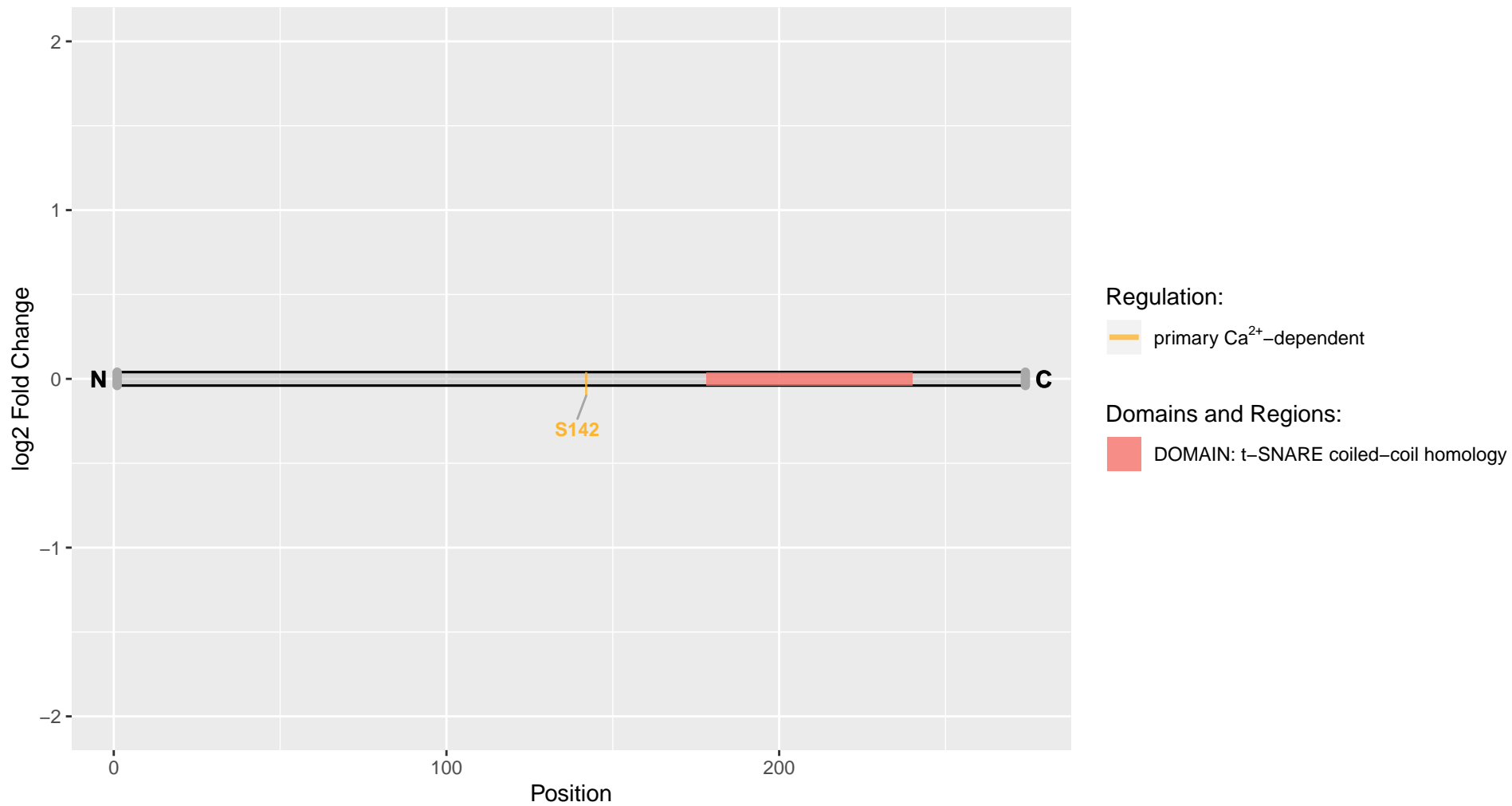
Stathmin



Stx12

Uniprot Accession: G3V7P1

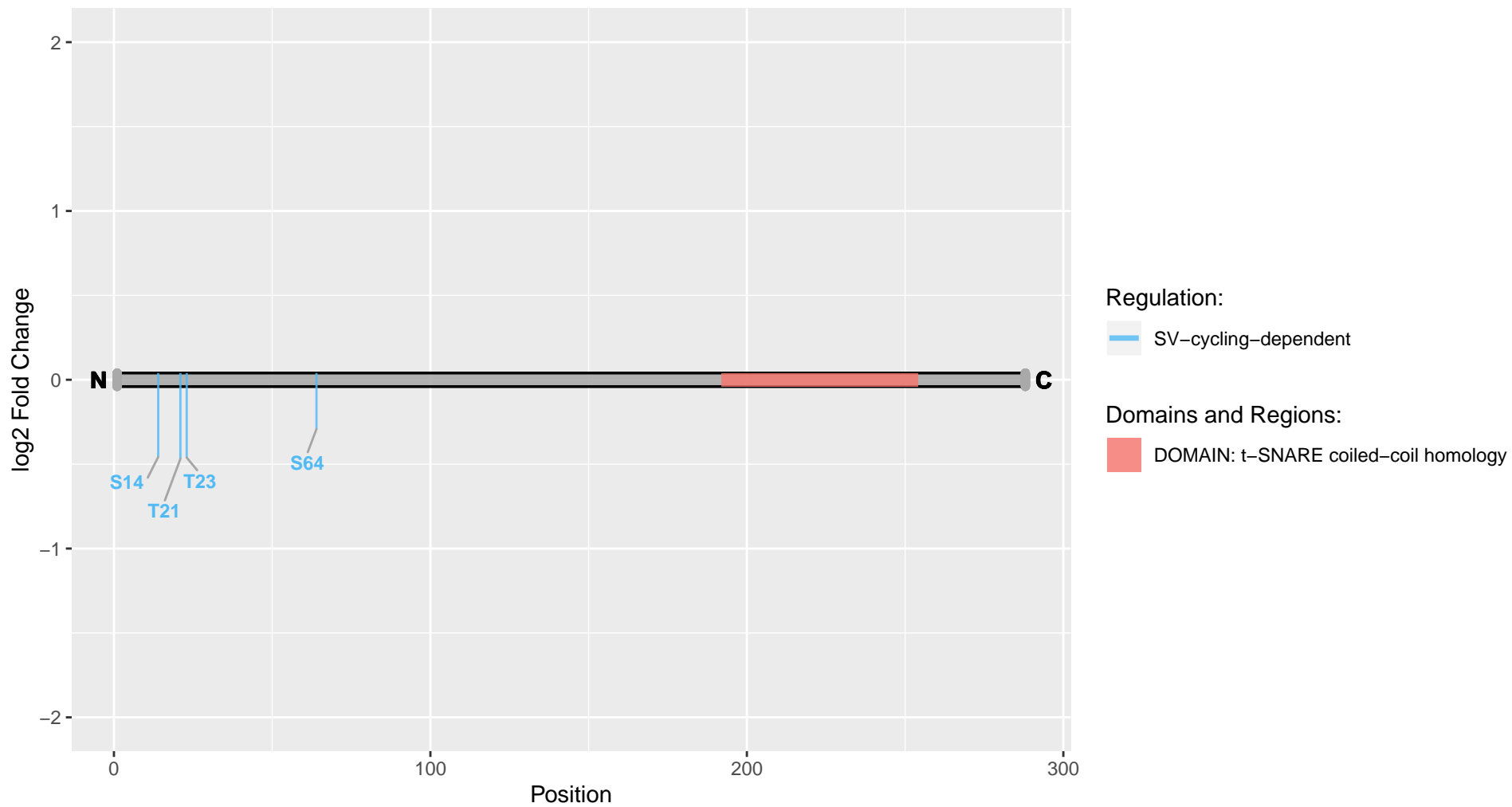
Syntaxin-12



Stx1a

Uniprot Accession: P32851

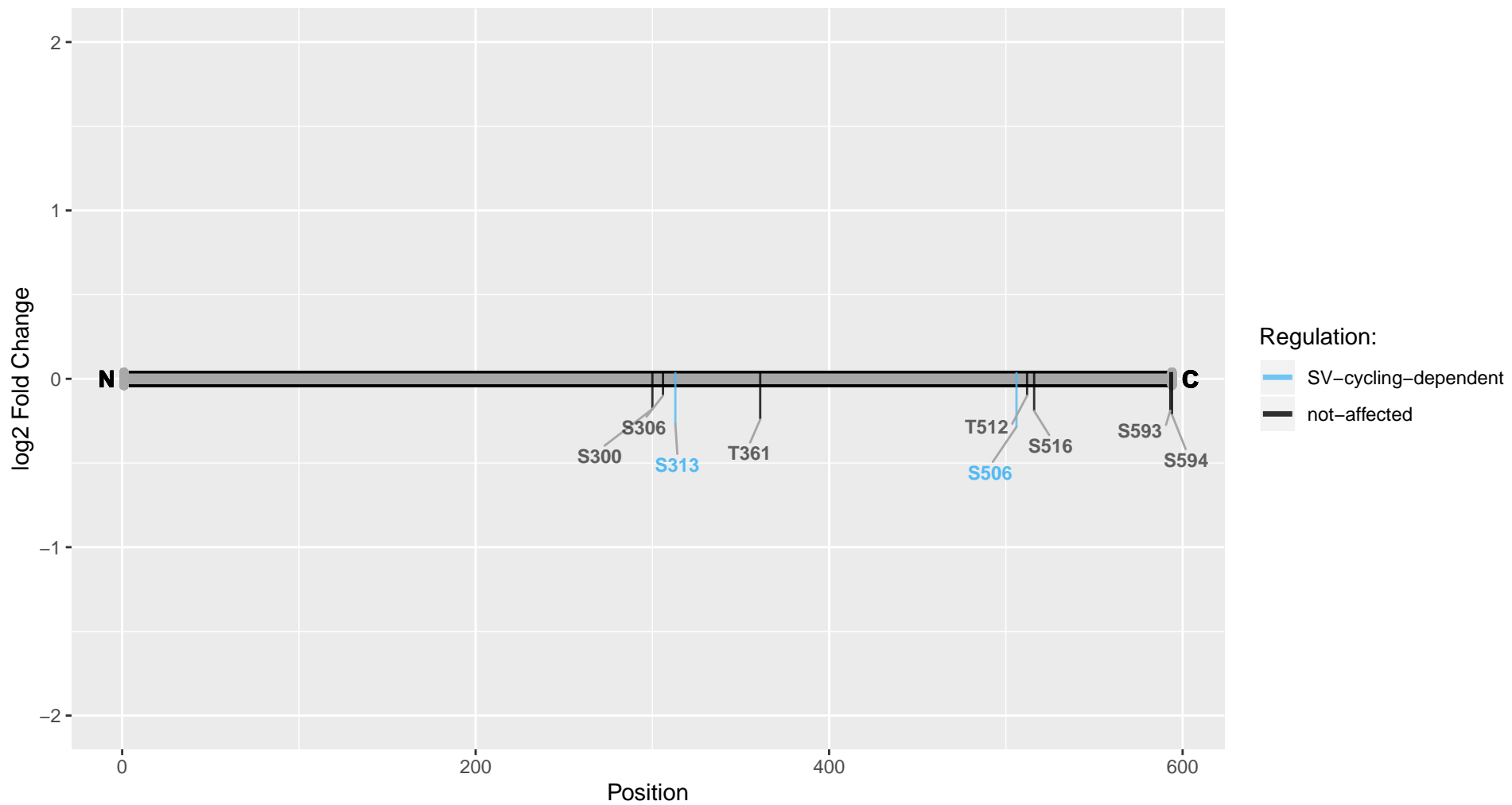
Syntaxin-1A



Stxbp1

Uniprot Accession: P61765

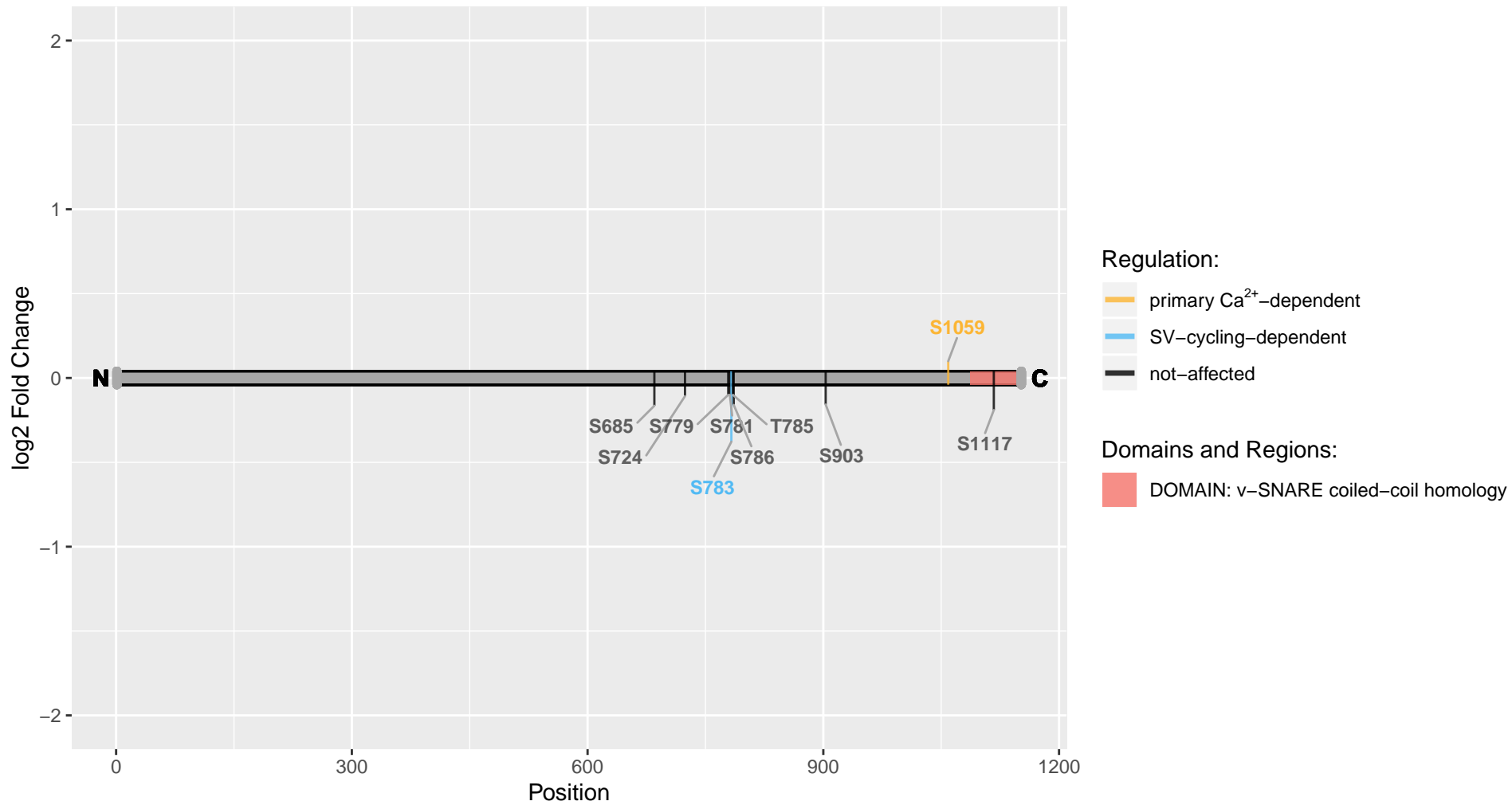
Syntaxin-binding protein 1



Stxbp5

Uniprot Accession: Q9WU70

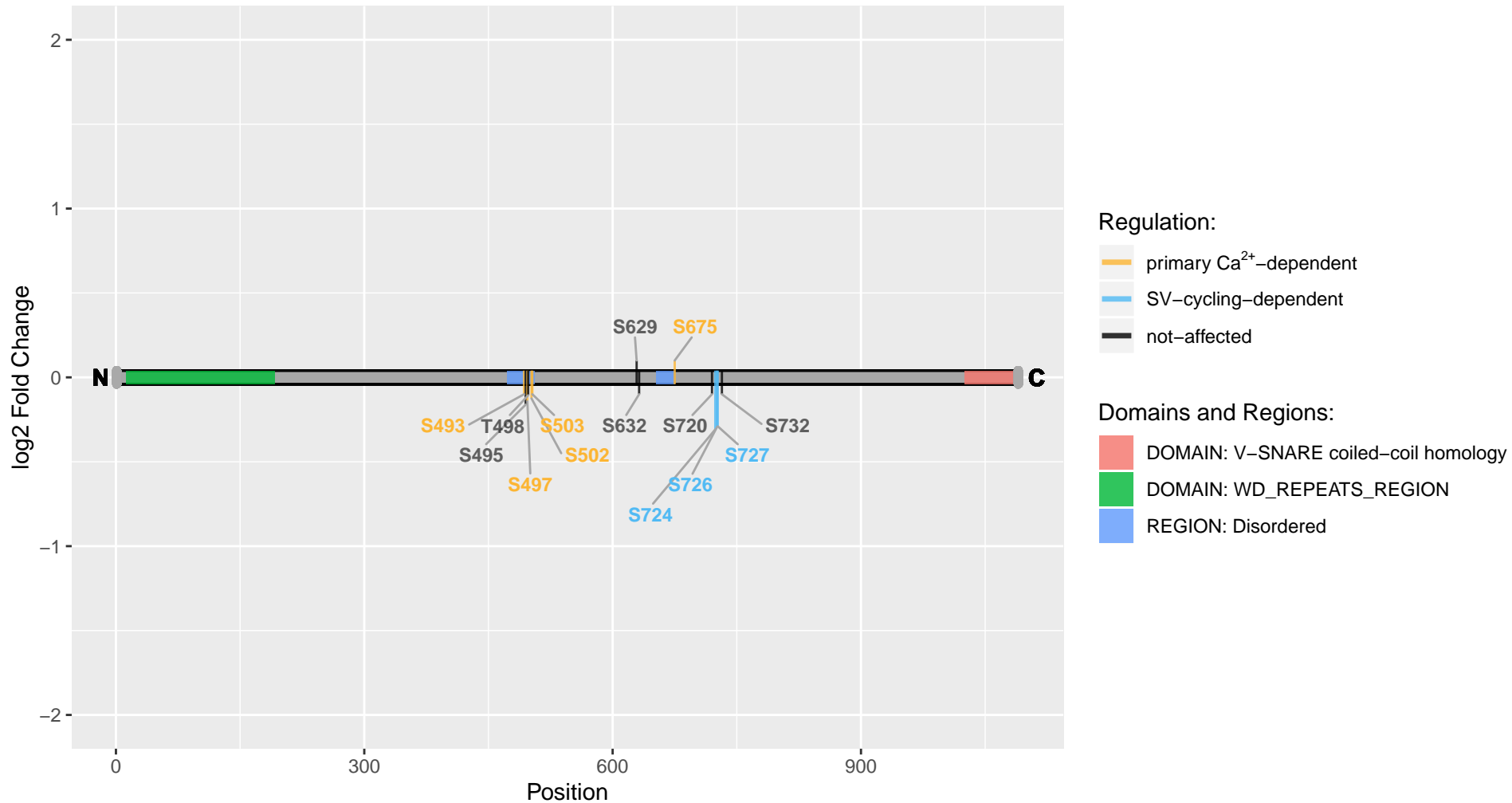
Syntaxin-binding protein 5



Stxbp5l

Uniprot Accession: D3ZU84

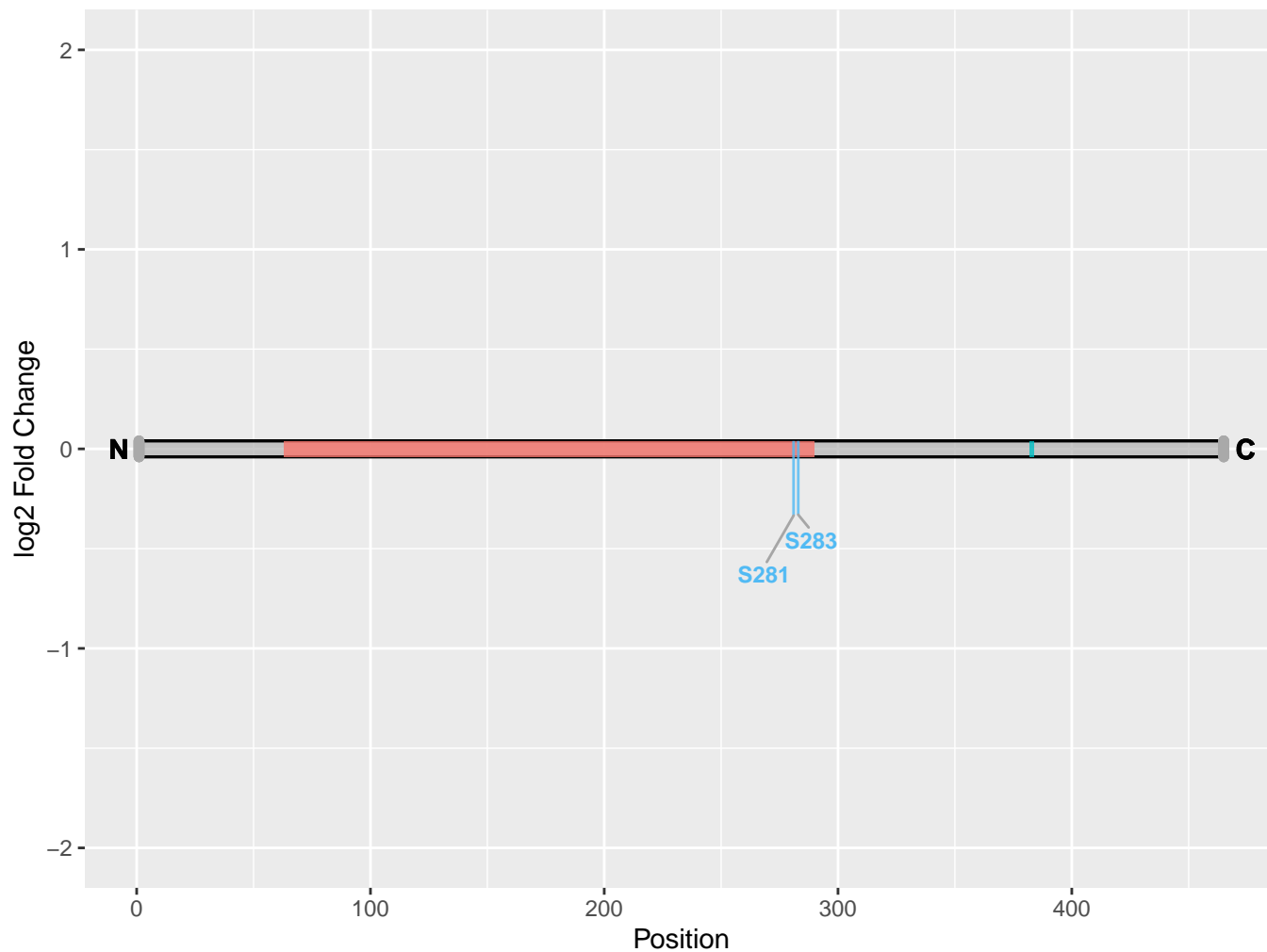
Syntaxin-binding protein 5-like



Sucla2

Uniprot Accession: F1LM47

Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial



Regulation:

SV-cycling-dependent

Domains and Regions:

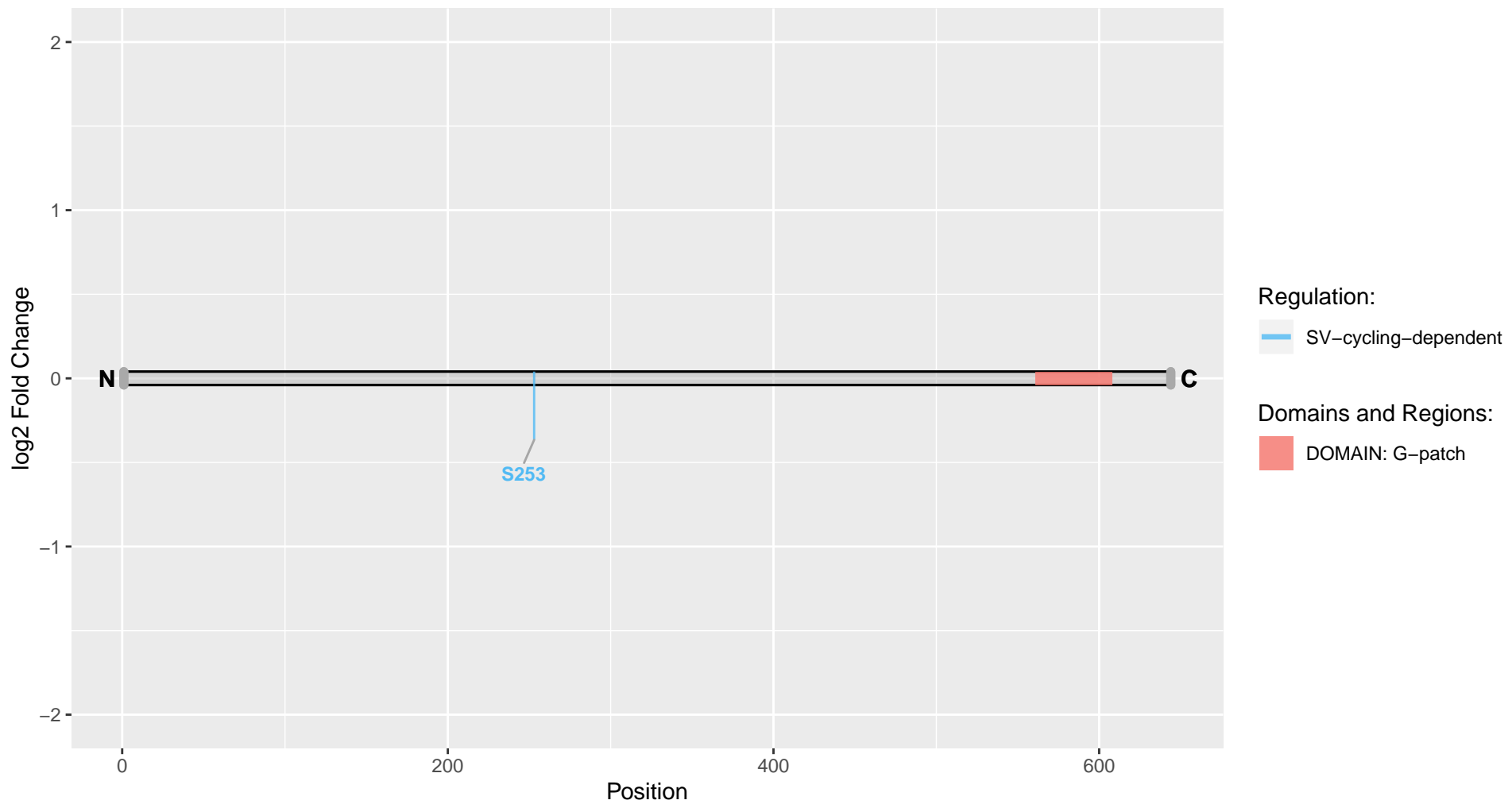
DOMAIN: ATP-grasp

REGION: Substrate binding; shared with subunit alpha

Sugp1

Uniprot Accession: Q68FU8

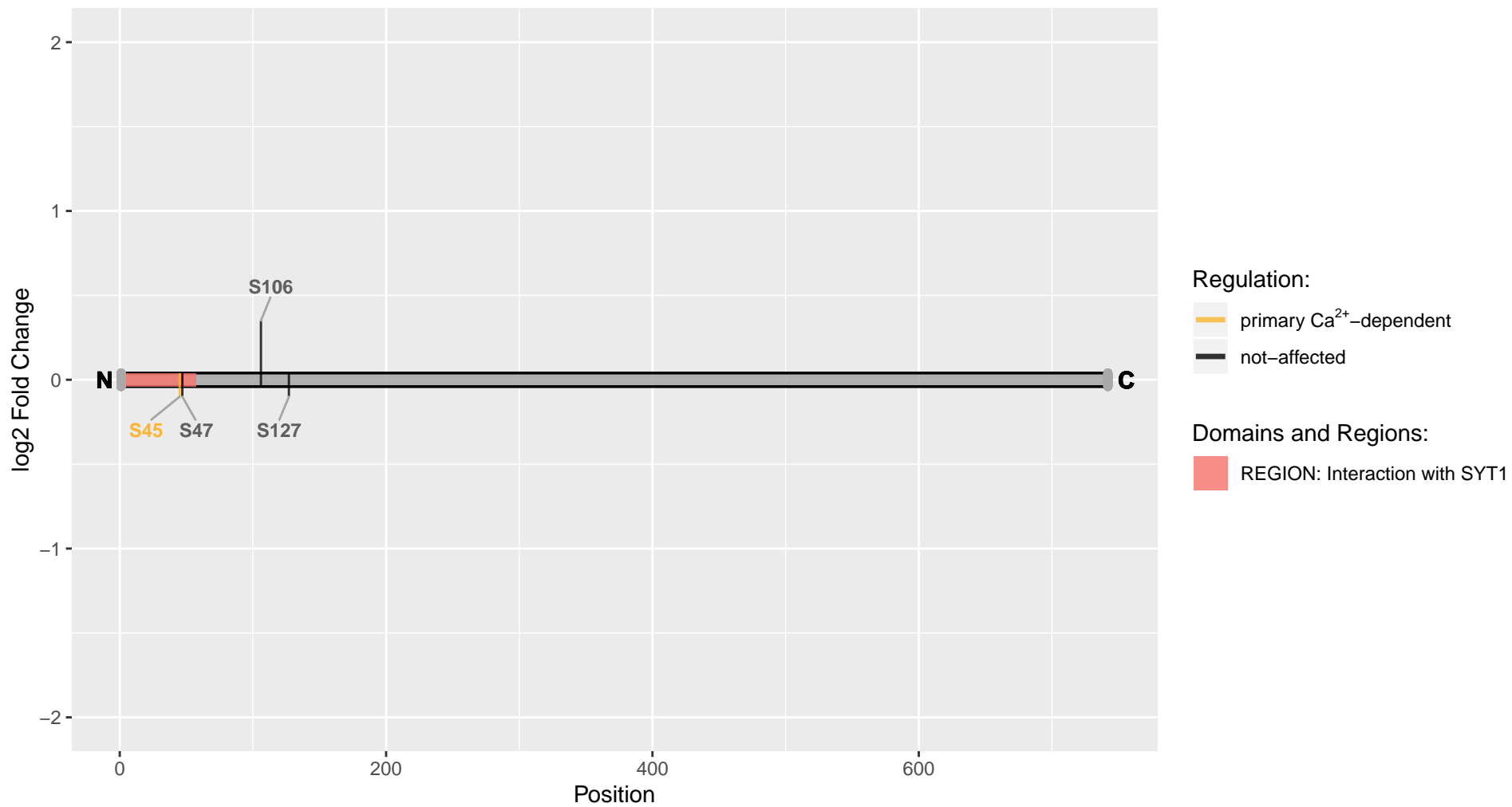
SURP and G-patch domain-containing protein 1



Sv2a

Uniprot Accession: Q02563

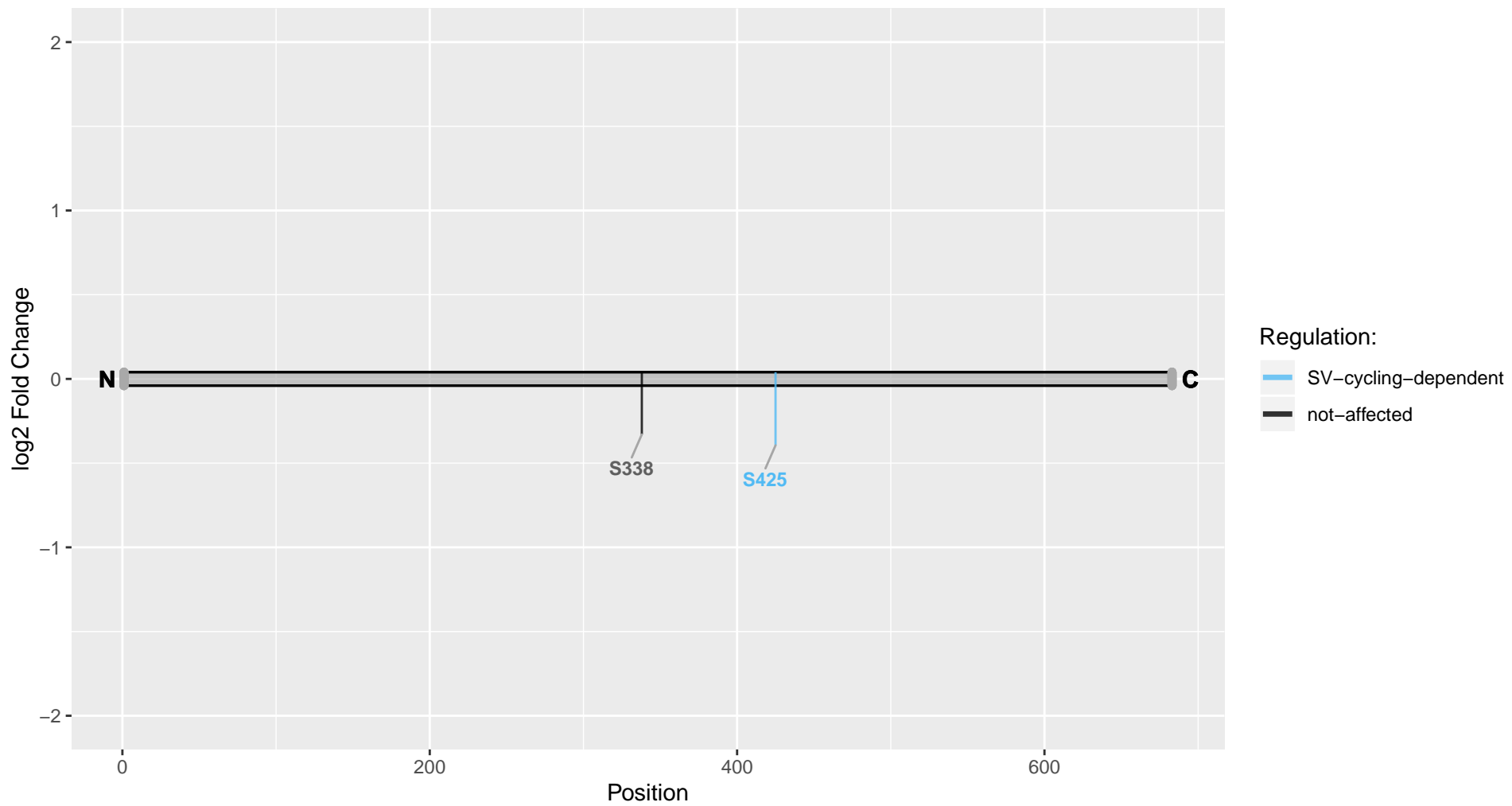
Synaptic vesicle glycoprotein 2A



Sv2b

Uniprot Accession: Q63564

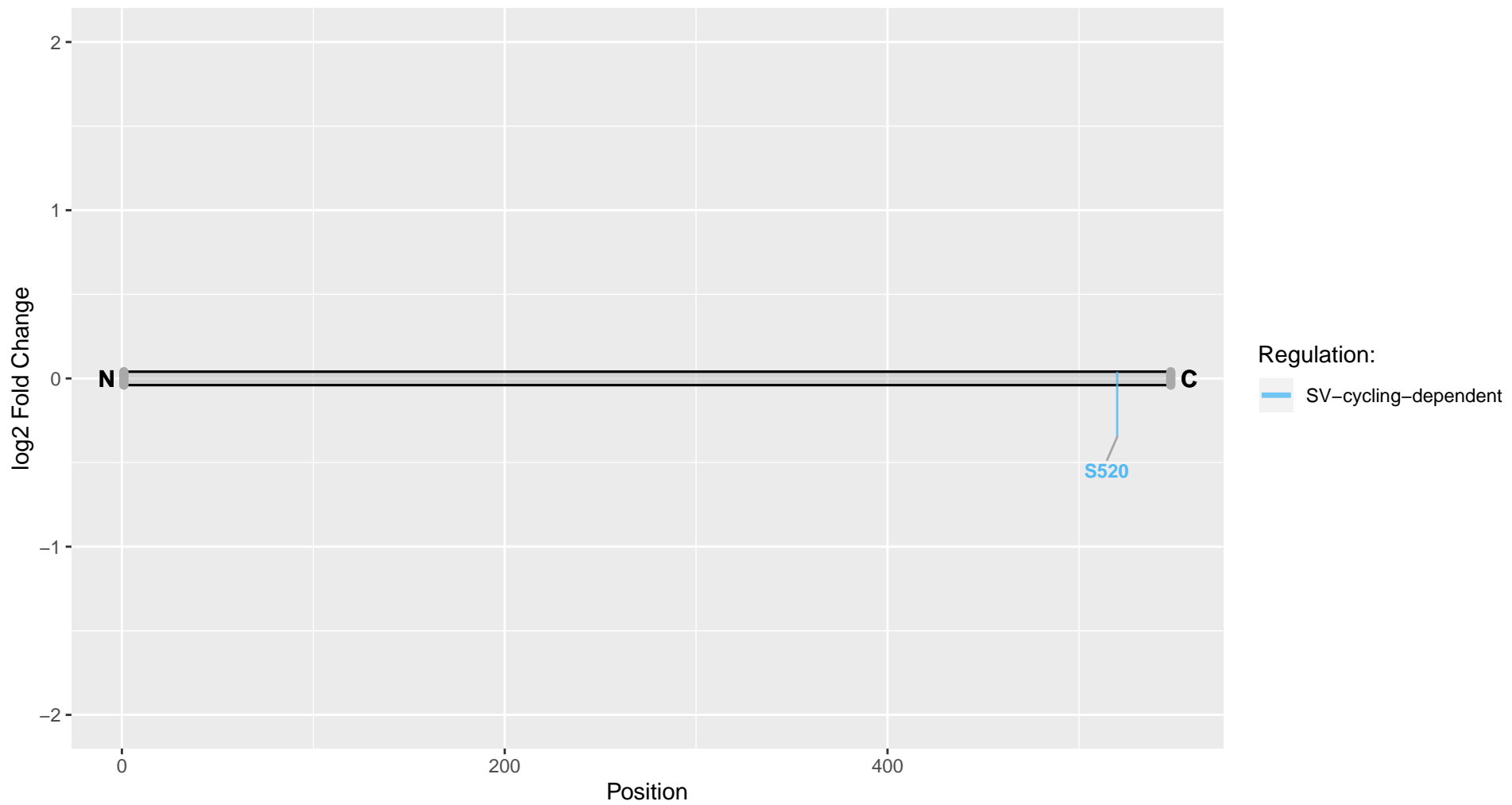
Synaptic vesicle glycoprotein 2B



Svop

Uniprot Accession: Q9Z2I7

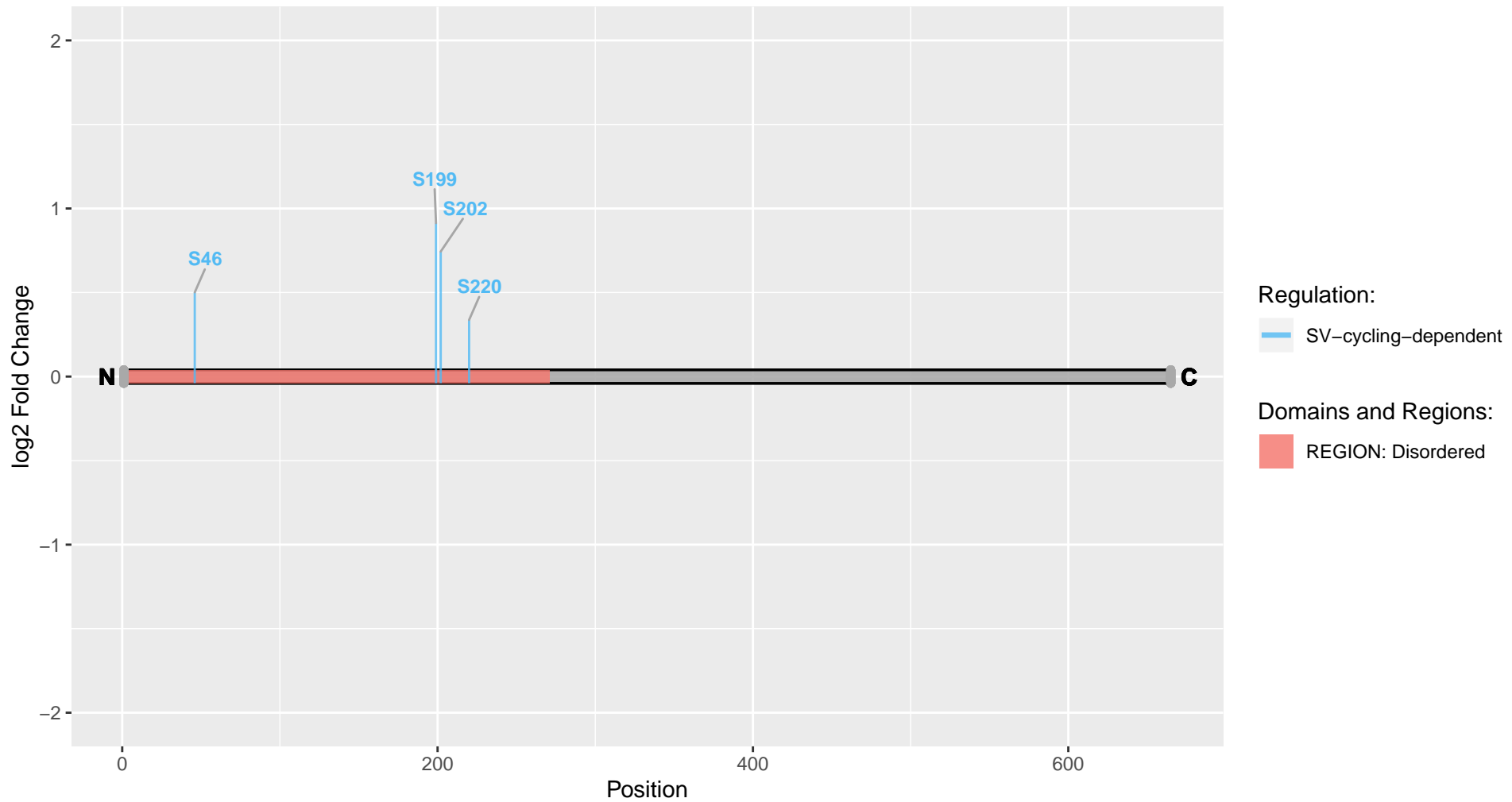
Synaptic vesicle 2-related protein



Sybu

Uniprot Accession: F1LUC0

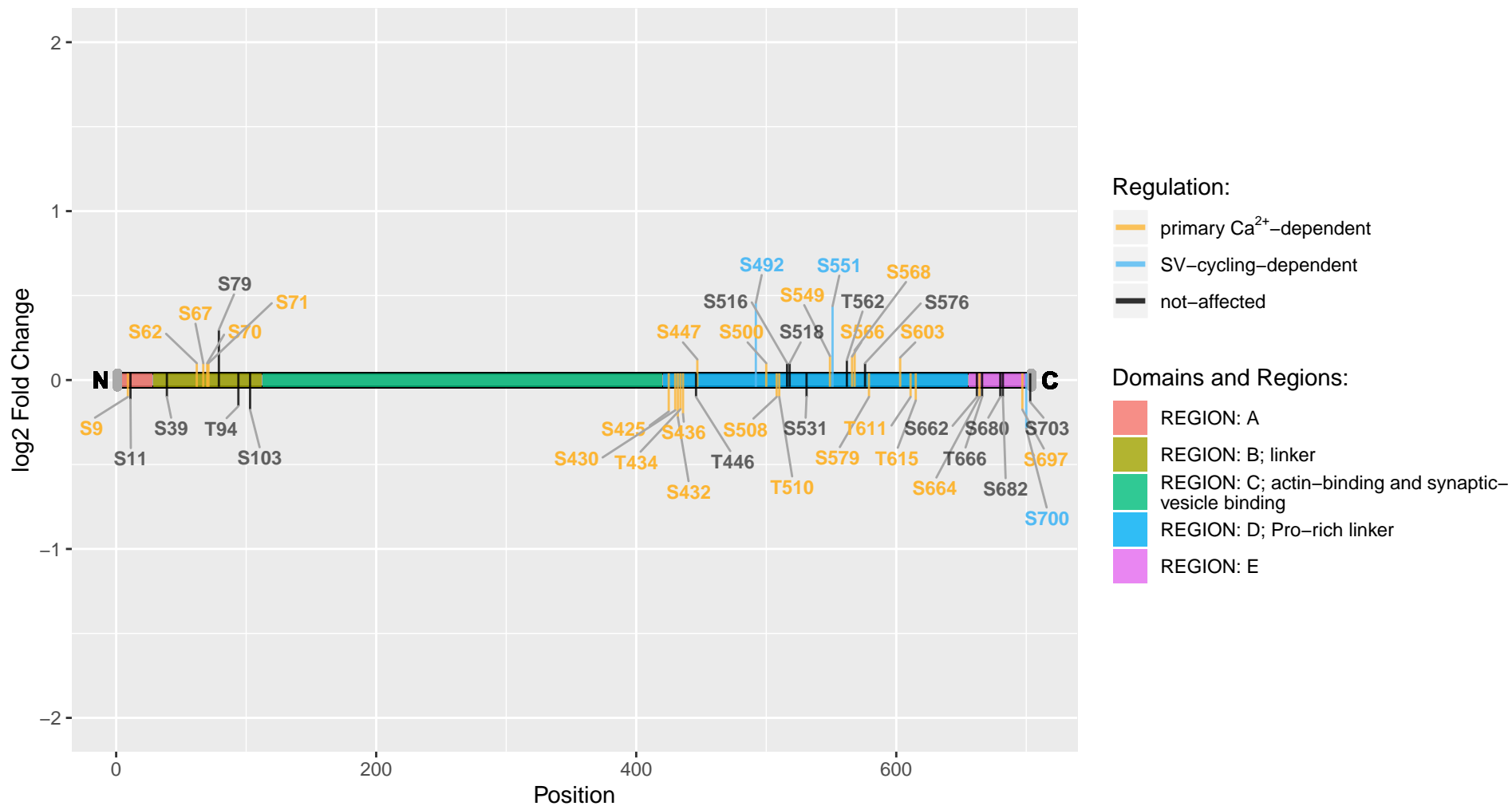
Similar to RIKEN cDNA 5730410E15 gene (Predicted), isoform CRA_a



Syn1

Uniprot Accession: P09951

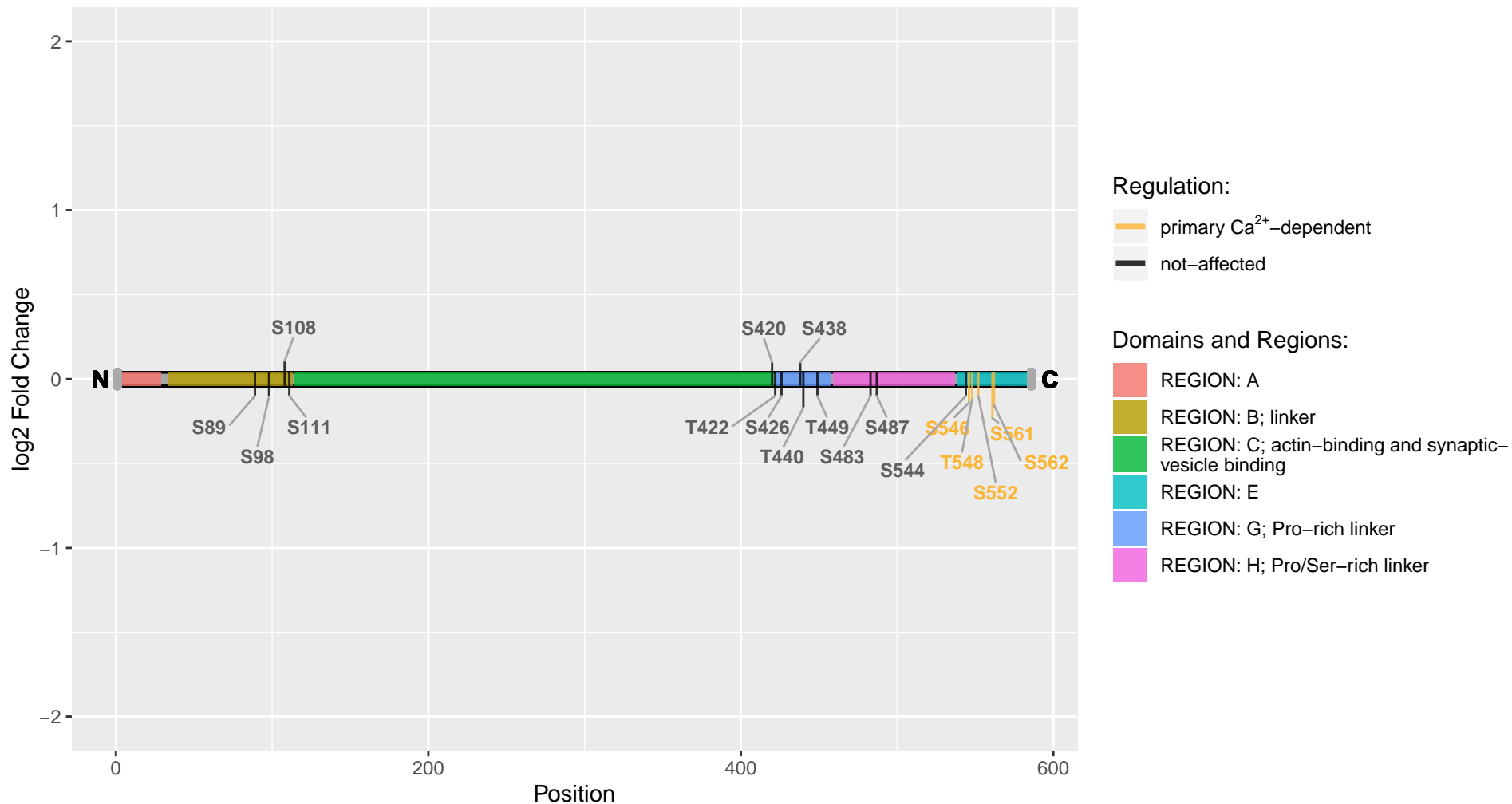
Synapsin-1



Syn2

Uniprot Accession: Q63537

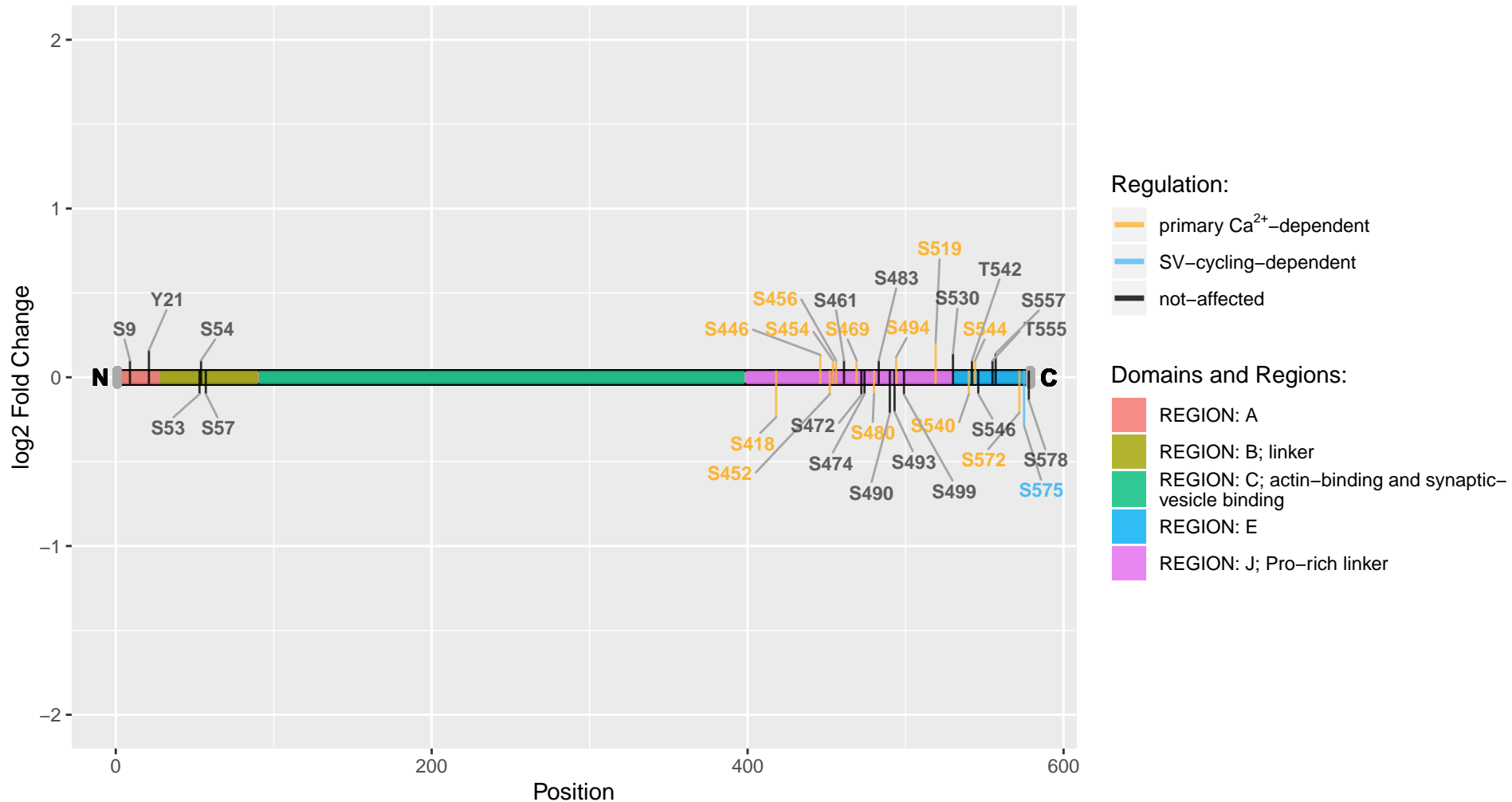
Synapsin-2



Syn3

Uniprot Accession: O70441

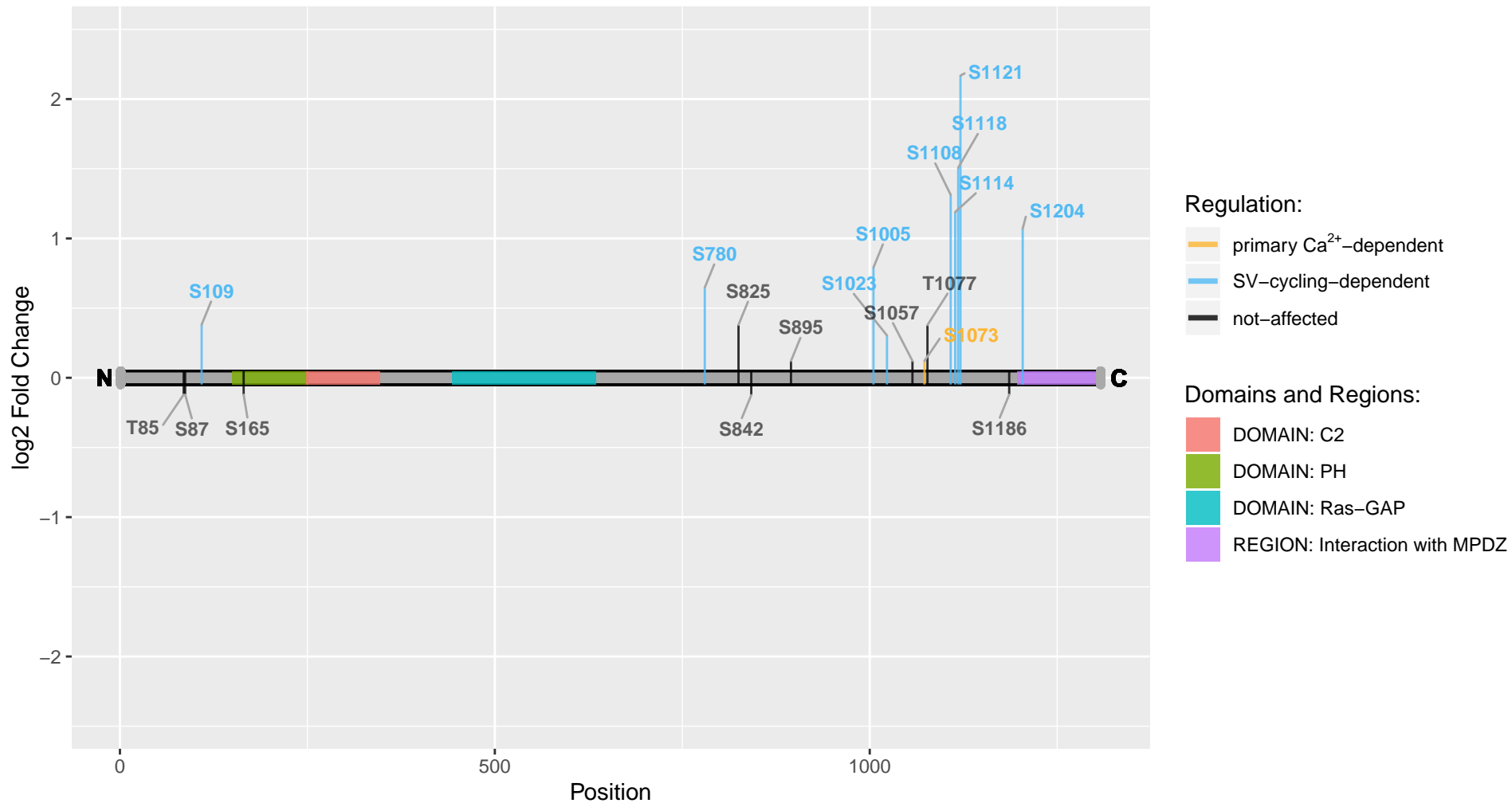
Synapsin-3



Syngap1

Uniprot Accession: Q9QUH6

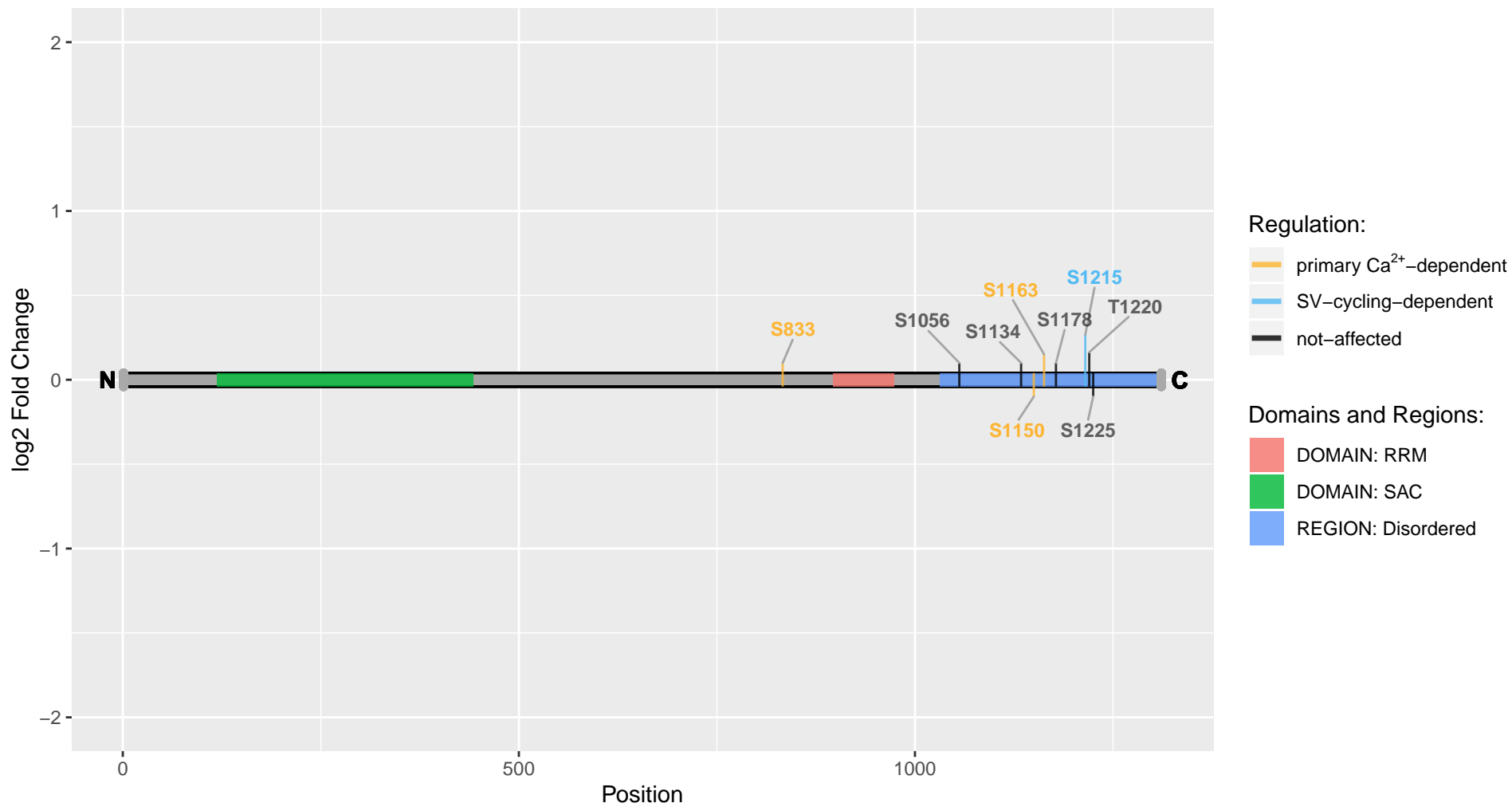
Ras/Rap GTPase-activating protein SynGAP



Synj1

Uniprot Accession: D4ABN3

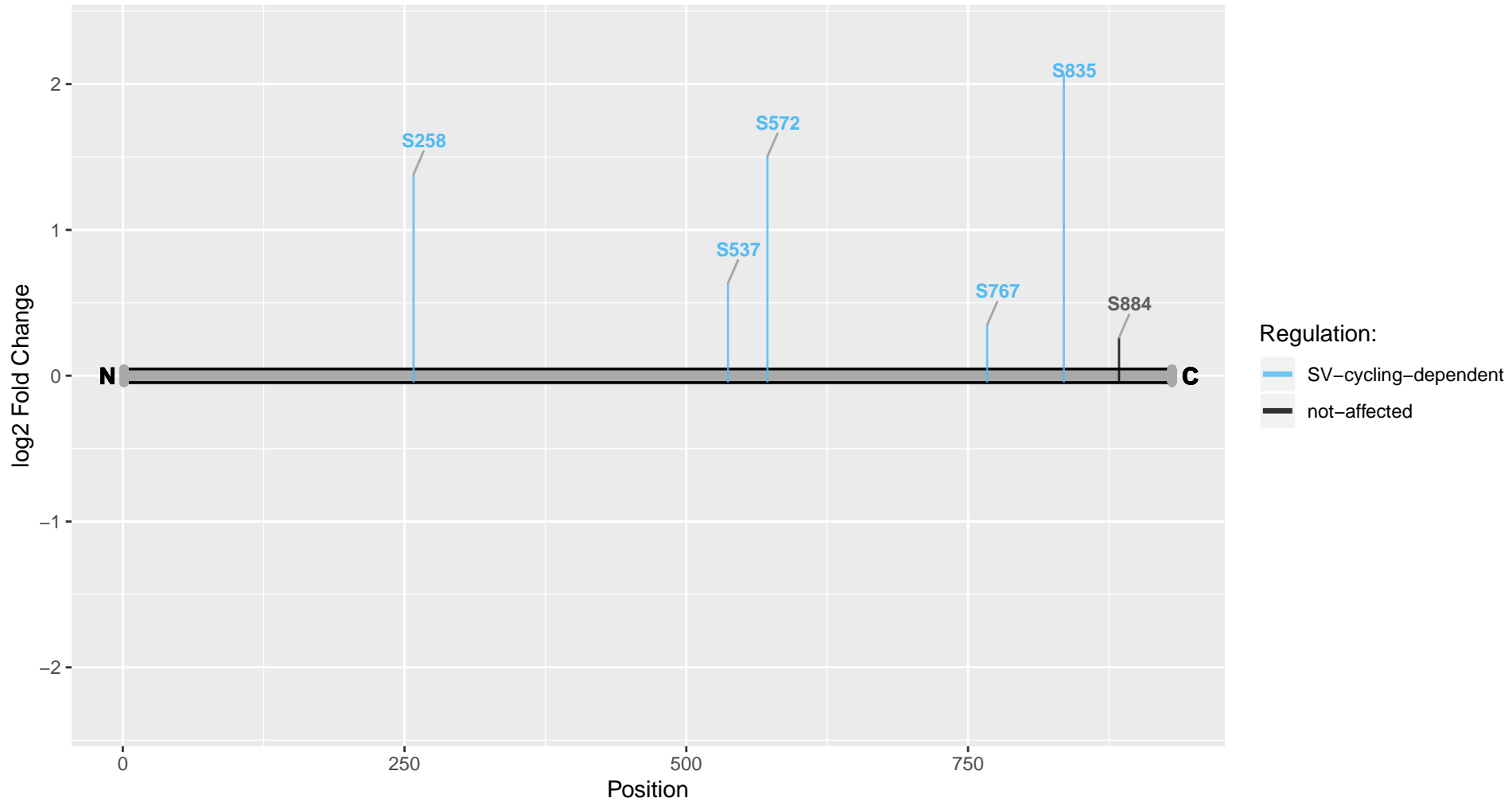
Synaptojanin-1



Synpo

Uniprot Accession: Q9Z327

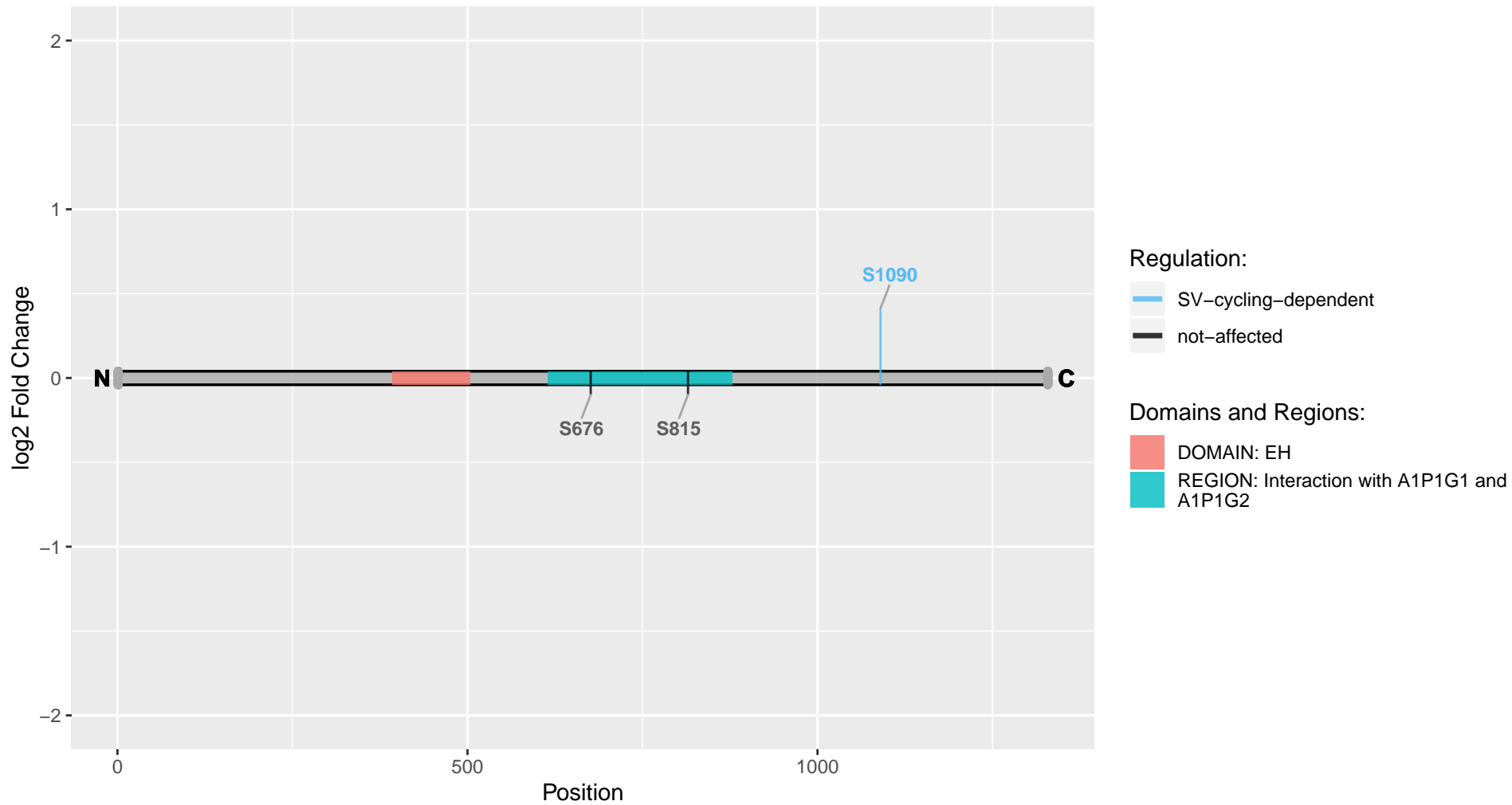
Synaptopodin



Synrg

Uniprot Accession: Q9JKC9

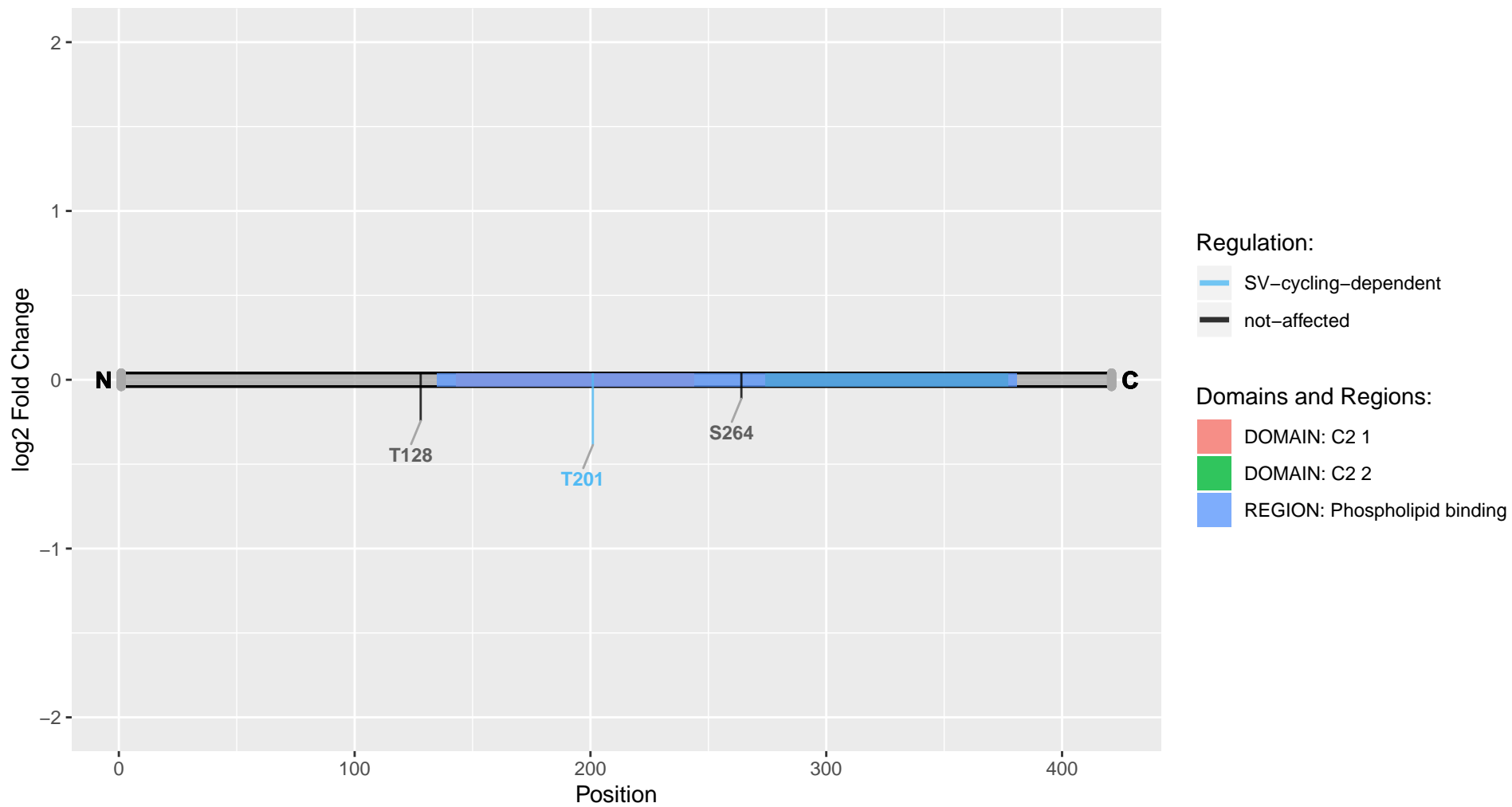
Synerglin gamma



Syt1

Uniprot Accession: P21707

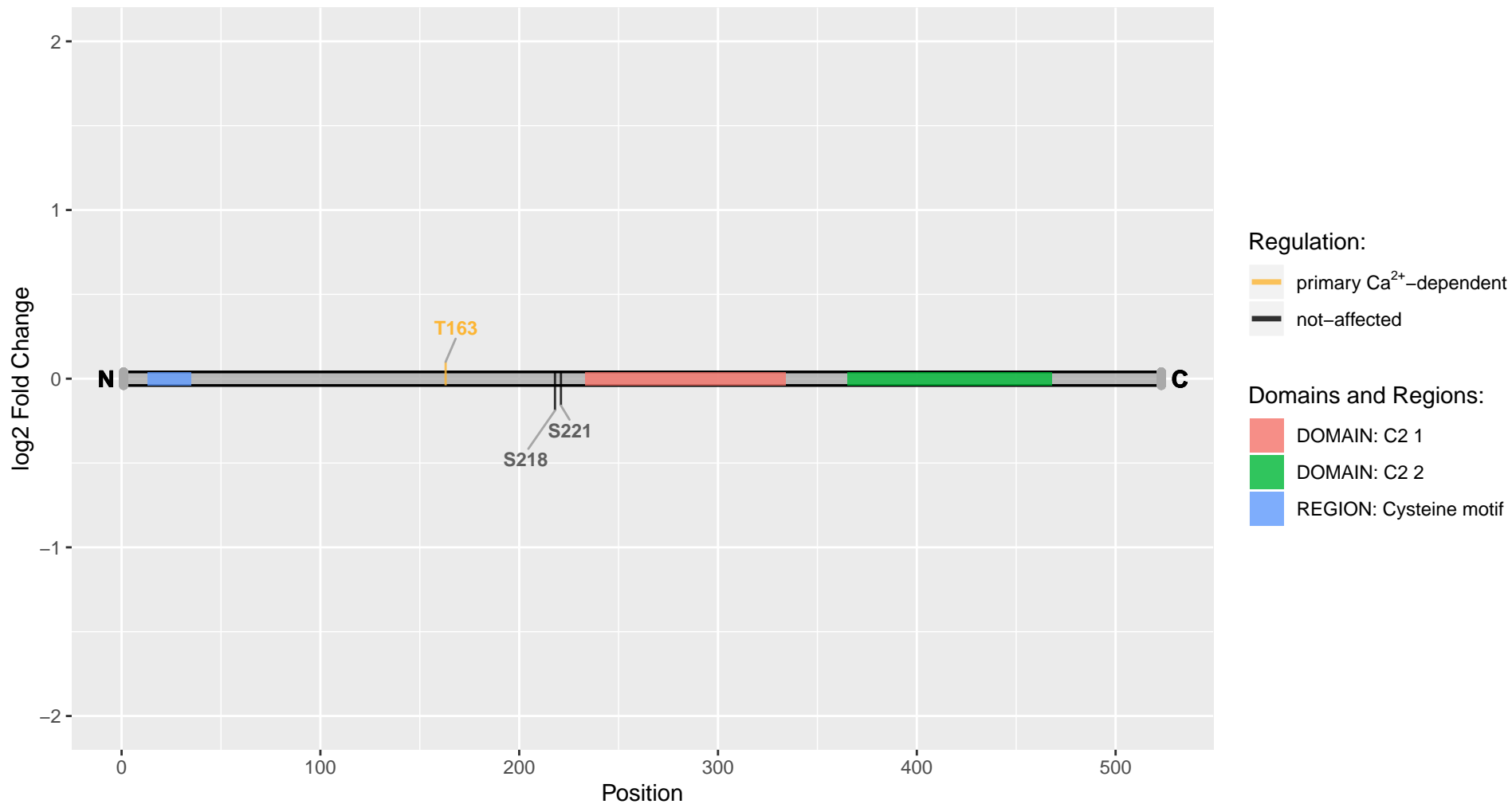
Synaptotagmin-1



Syt10

Uniprot Accession: O08625

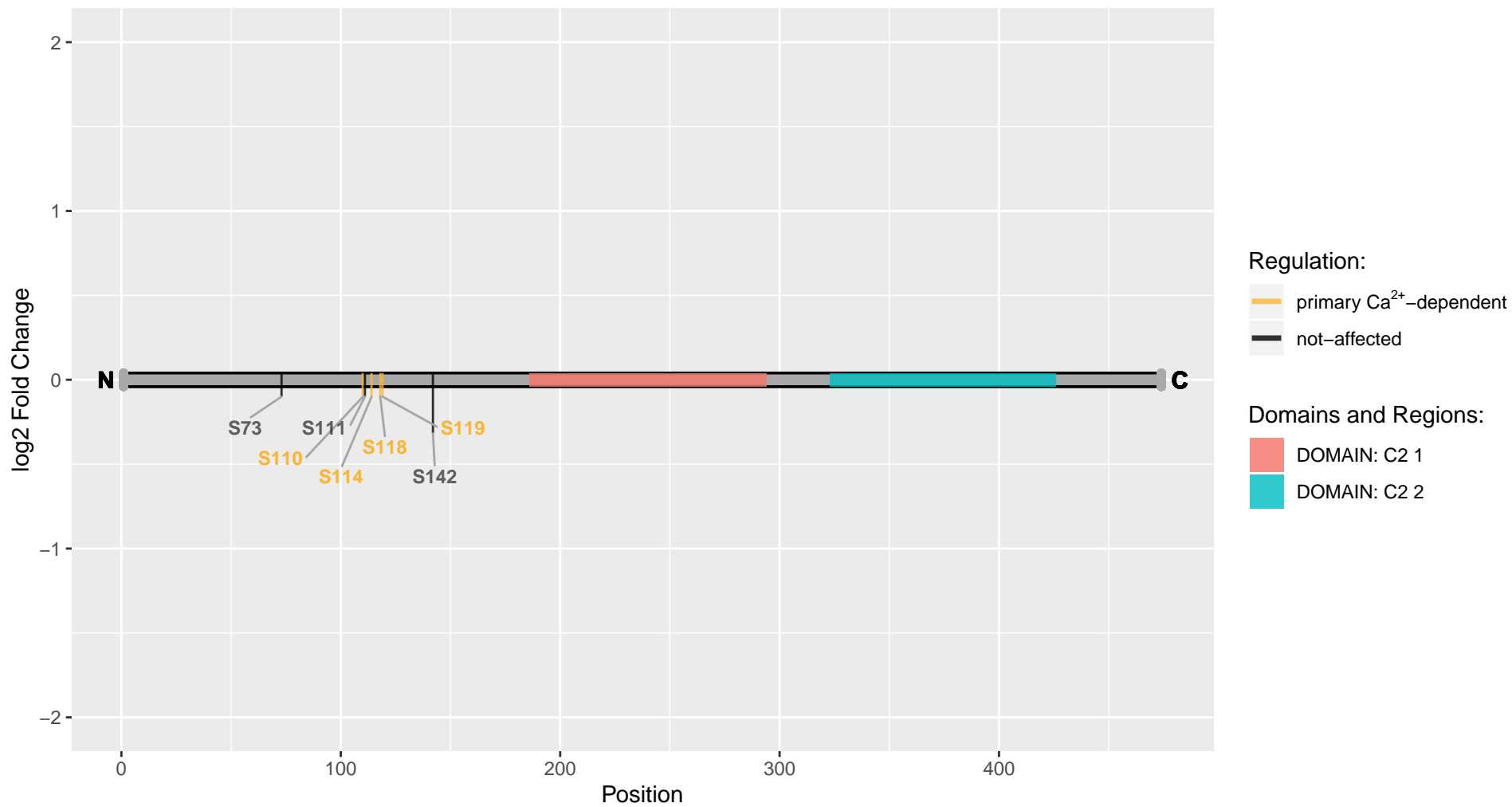
Synaptotagmin-10



Syt17

Uniprot Accession: Q62807

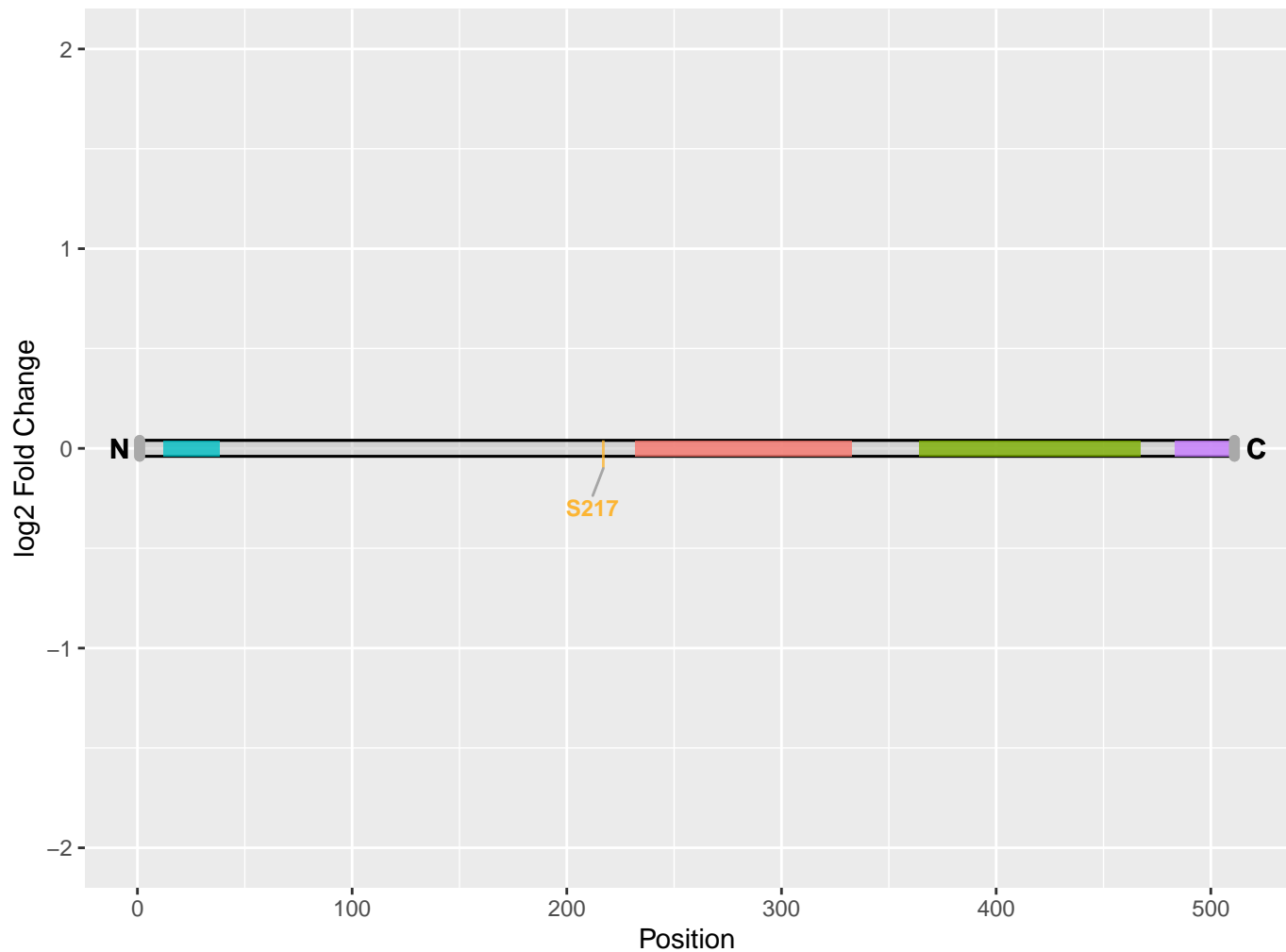
Synaptotagmin-17



Syt6

Uniprot Accession: Q62746

Synaptotagmin-6



Regulation:

primary Ca²⁺-dependent

Domains and Regions:

DOMAIN: C2 1

DOMAIN: C2 2

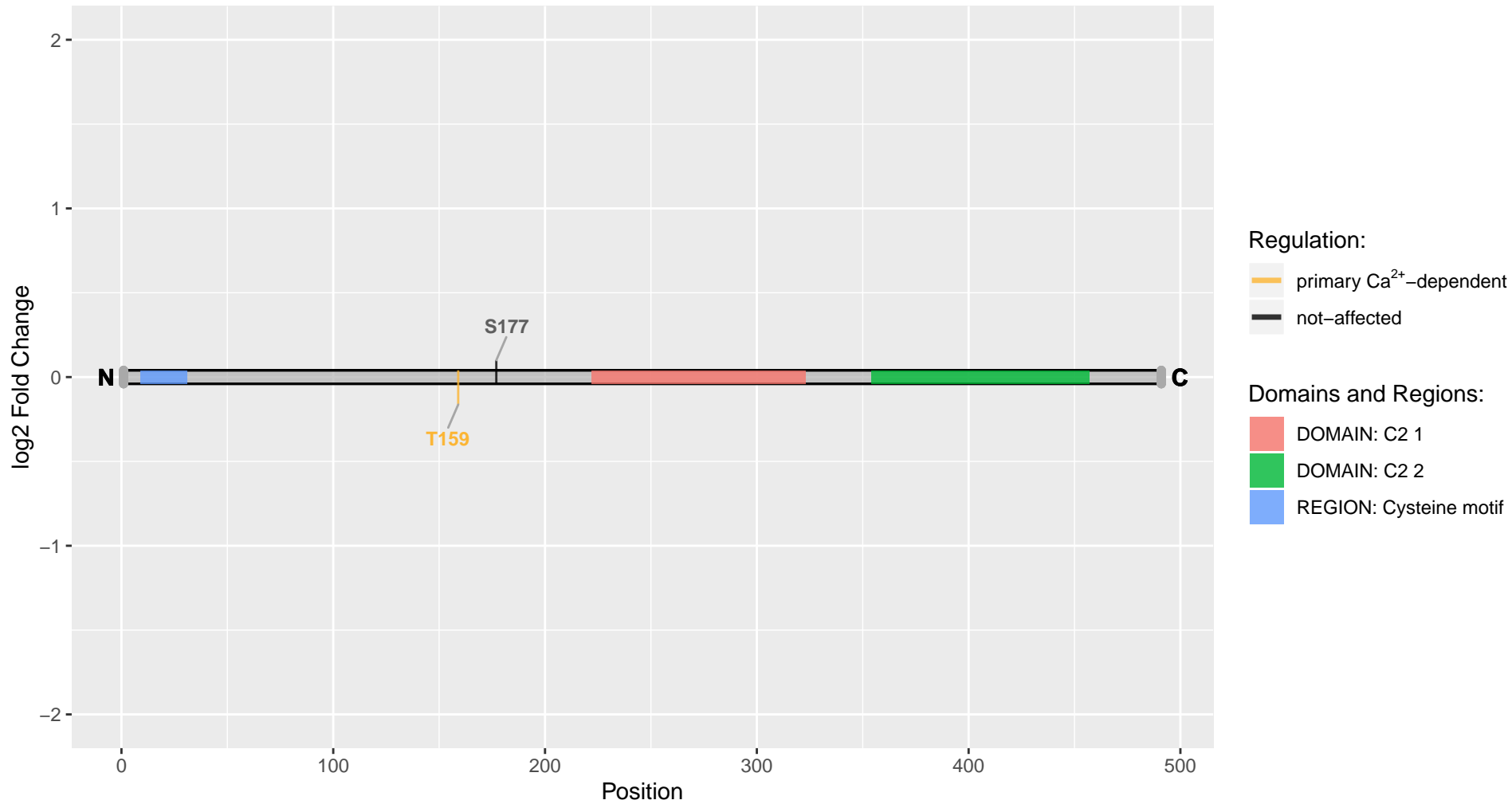
REGION: Cysteine motif

REGION: Necessary for cell membrane association (isoform 2)

Syt9

Uniprot Accession: Q925C0

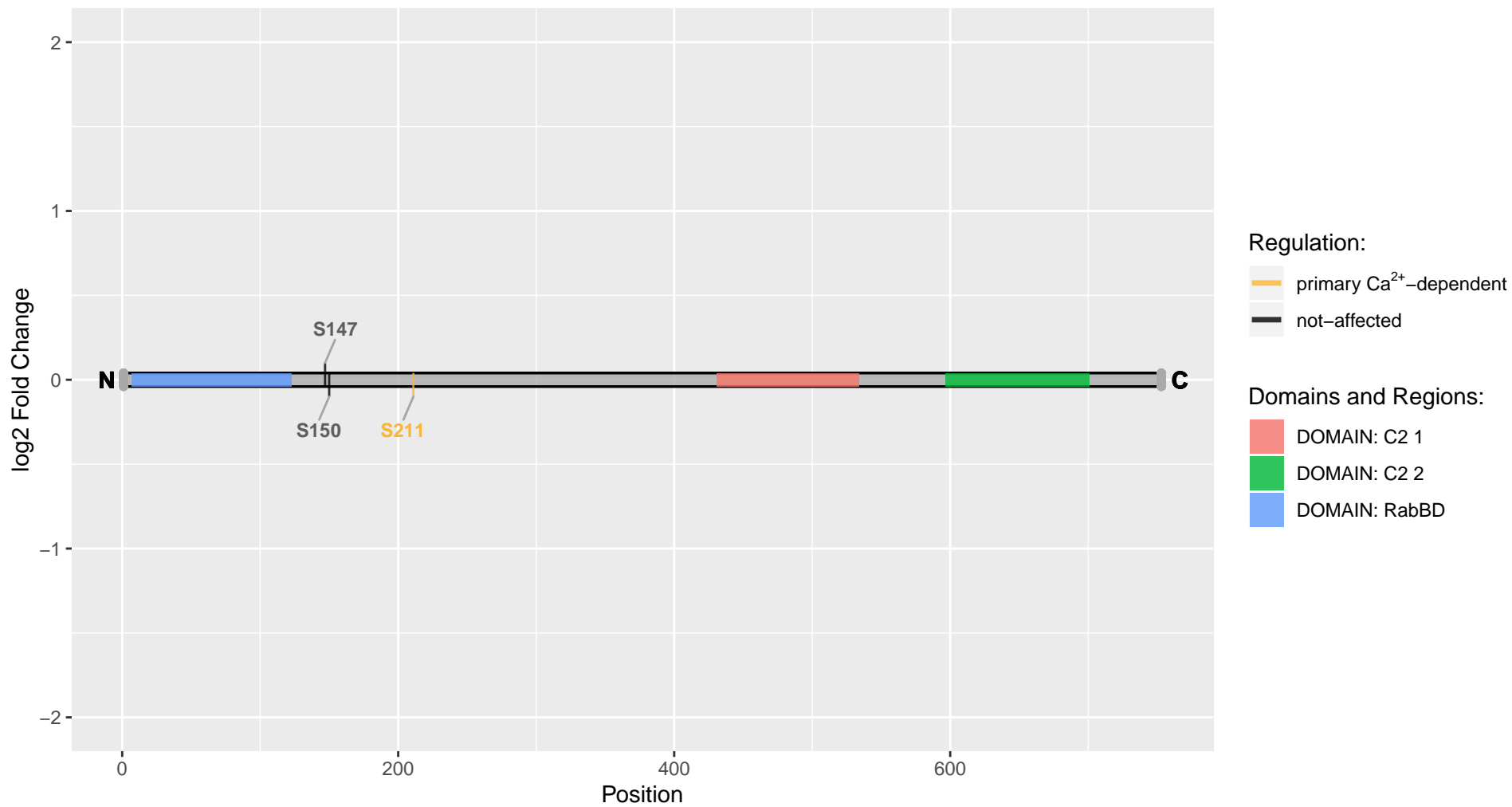
Synaptotagmin-9



Syt15

Uniprot Accession: Q812E4

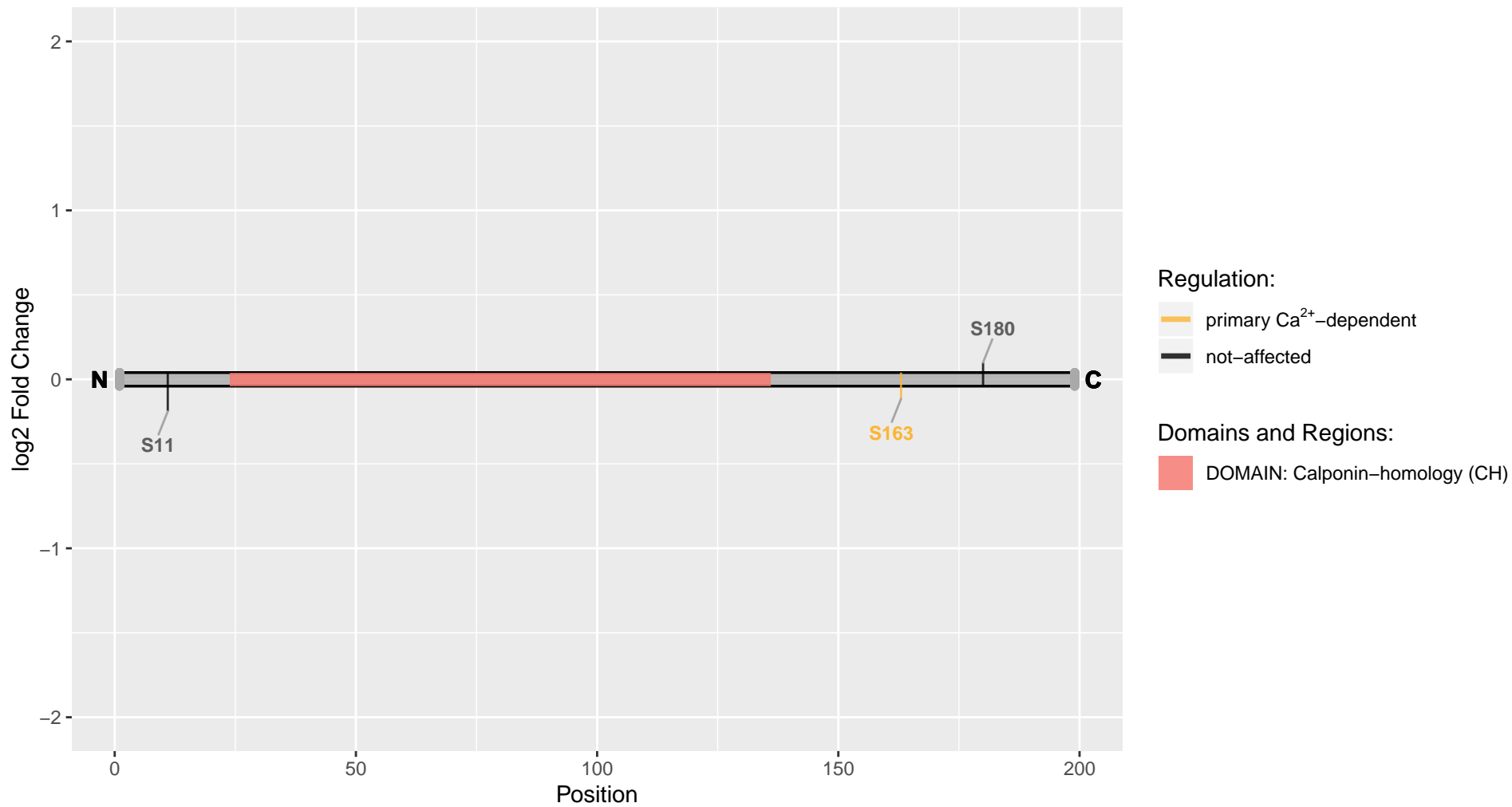
Synaptotagmin-like protein 5



Tagln3

Uniprot Accession: P37805

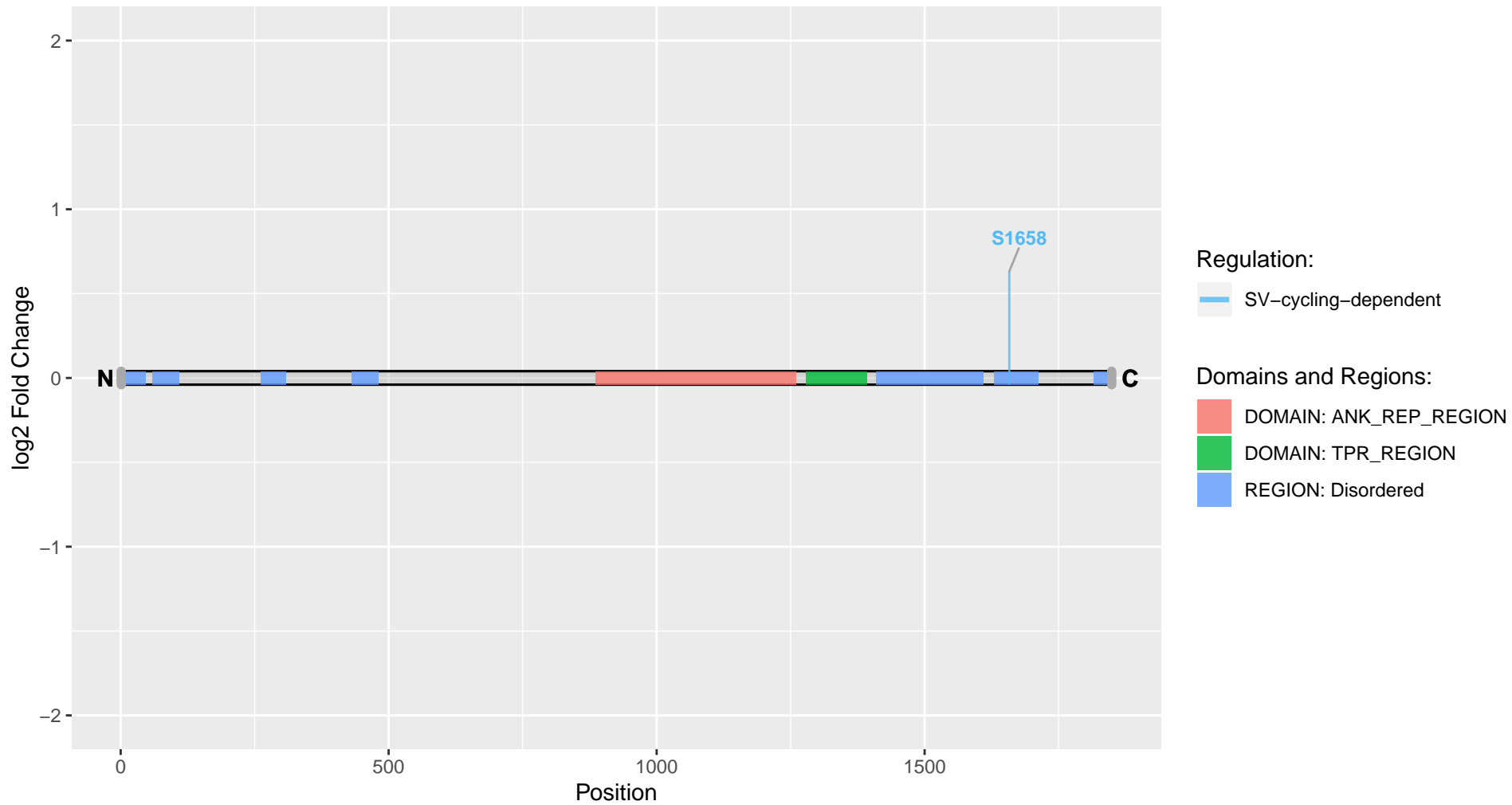
Transgelin-3



Tanc1

Uniprot Accession: G3V917

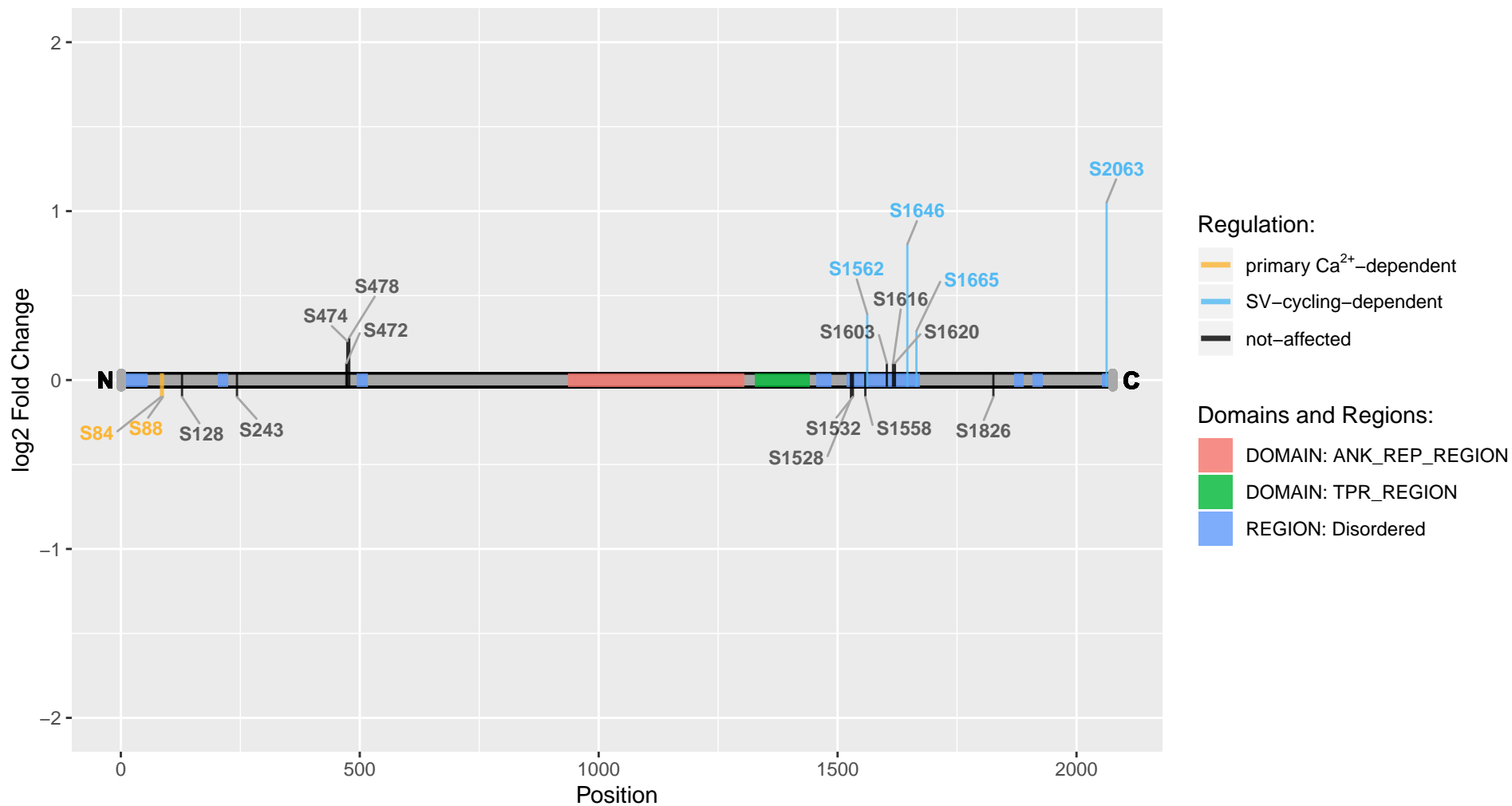
Protein TANC1



Tanc2

Uniprot Accession: A0A0G2K9J0

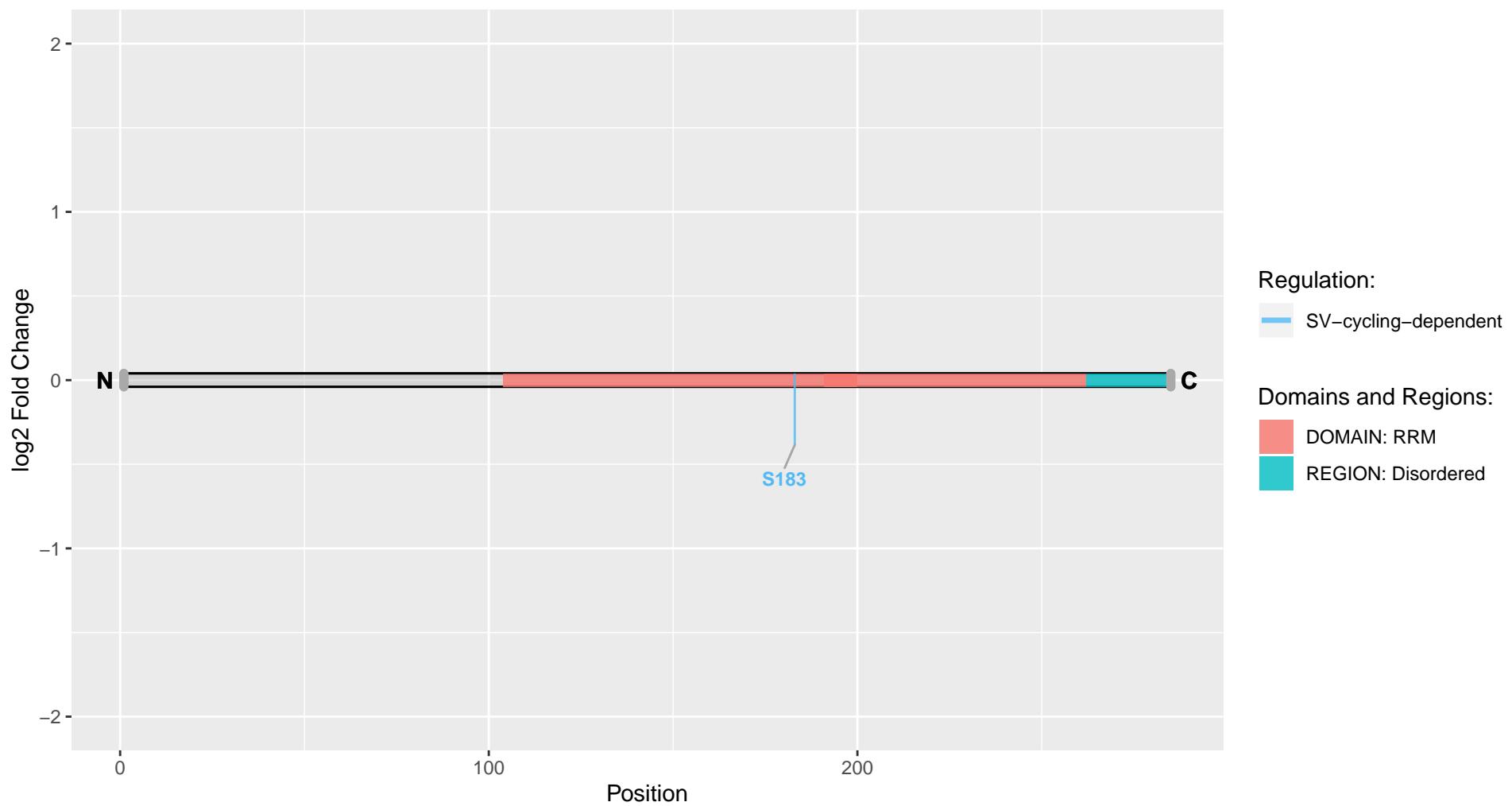
Tetratricopeptide repeat, ankyrin repeat and coiled-coil-containing 2



Tardbp

Uniprot Accession: I6L9G6

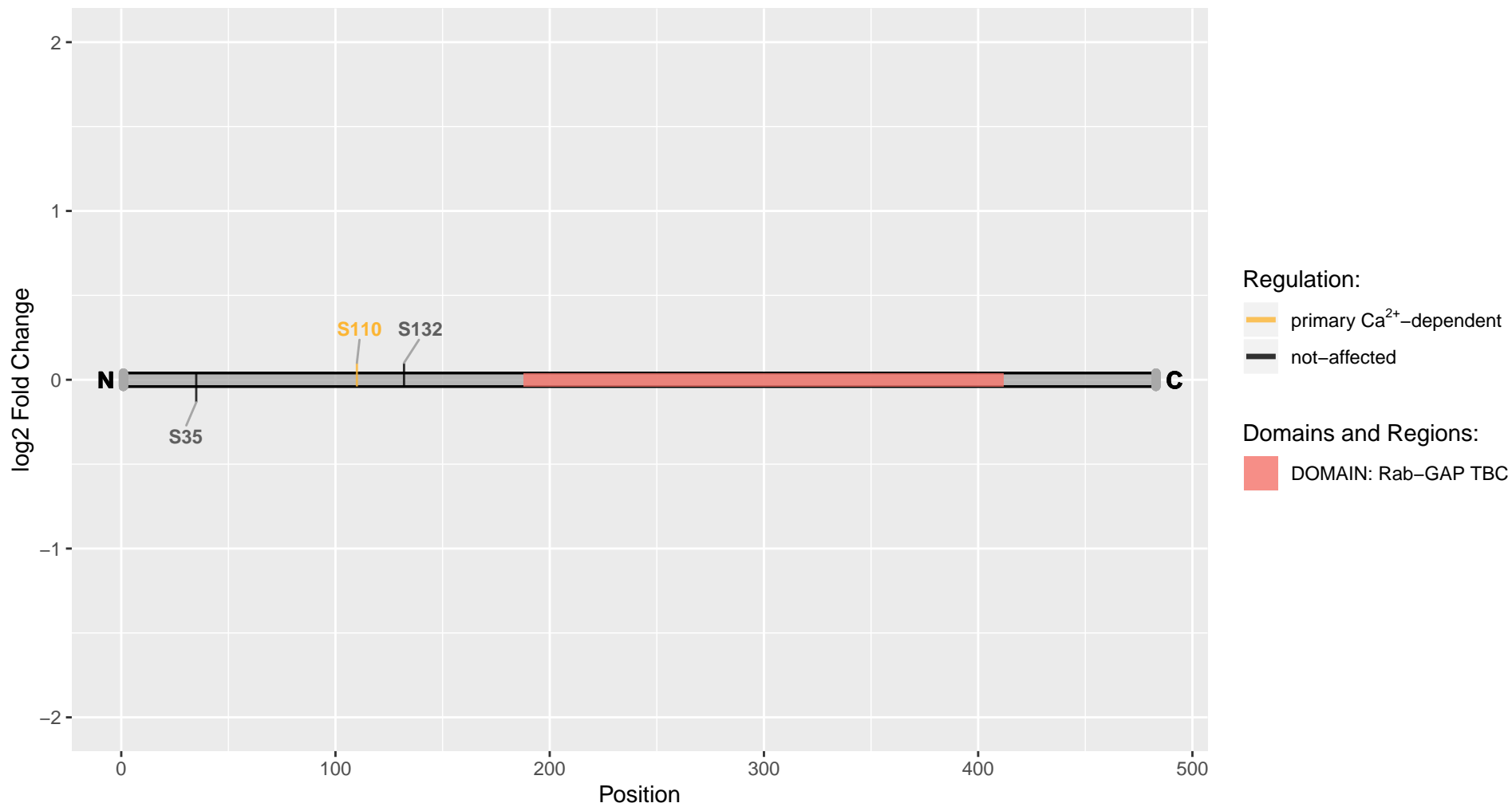
RCG31562, isoform CRA_c



Tbc1d22b

Uniprot Accession: A0A0G2JWM9

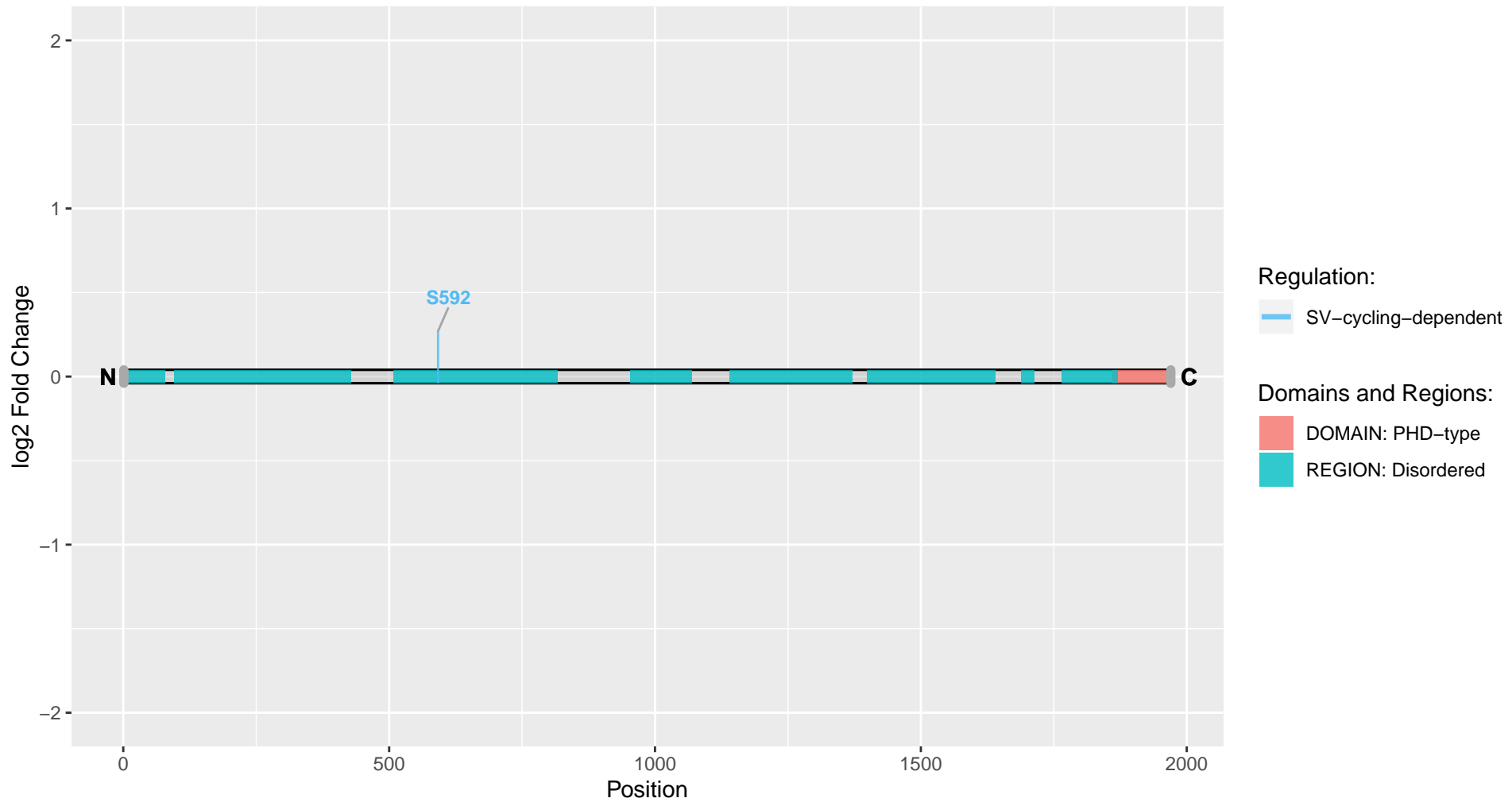
TBC1 domain family, member 22B



Tcf20

Uniprot Accession: D3ZG21

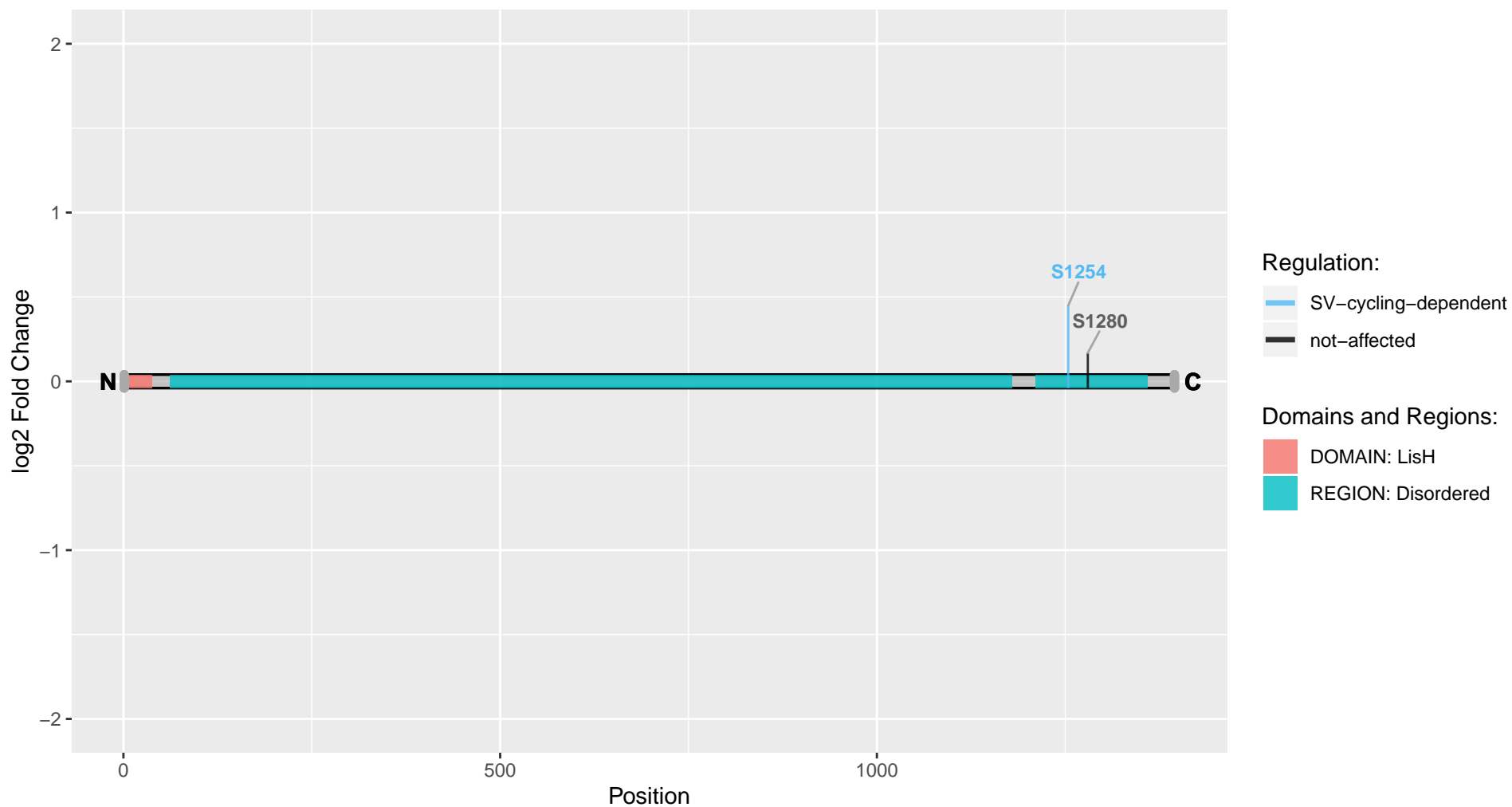
Transcription factor 20



Tcof1

Uniprot Accession: D4A206

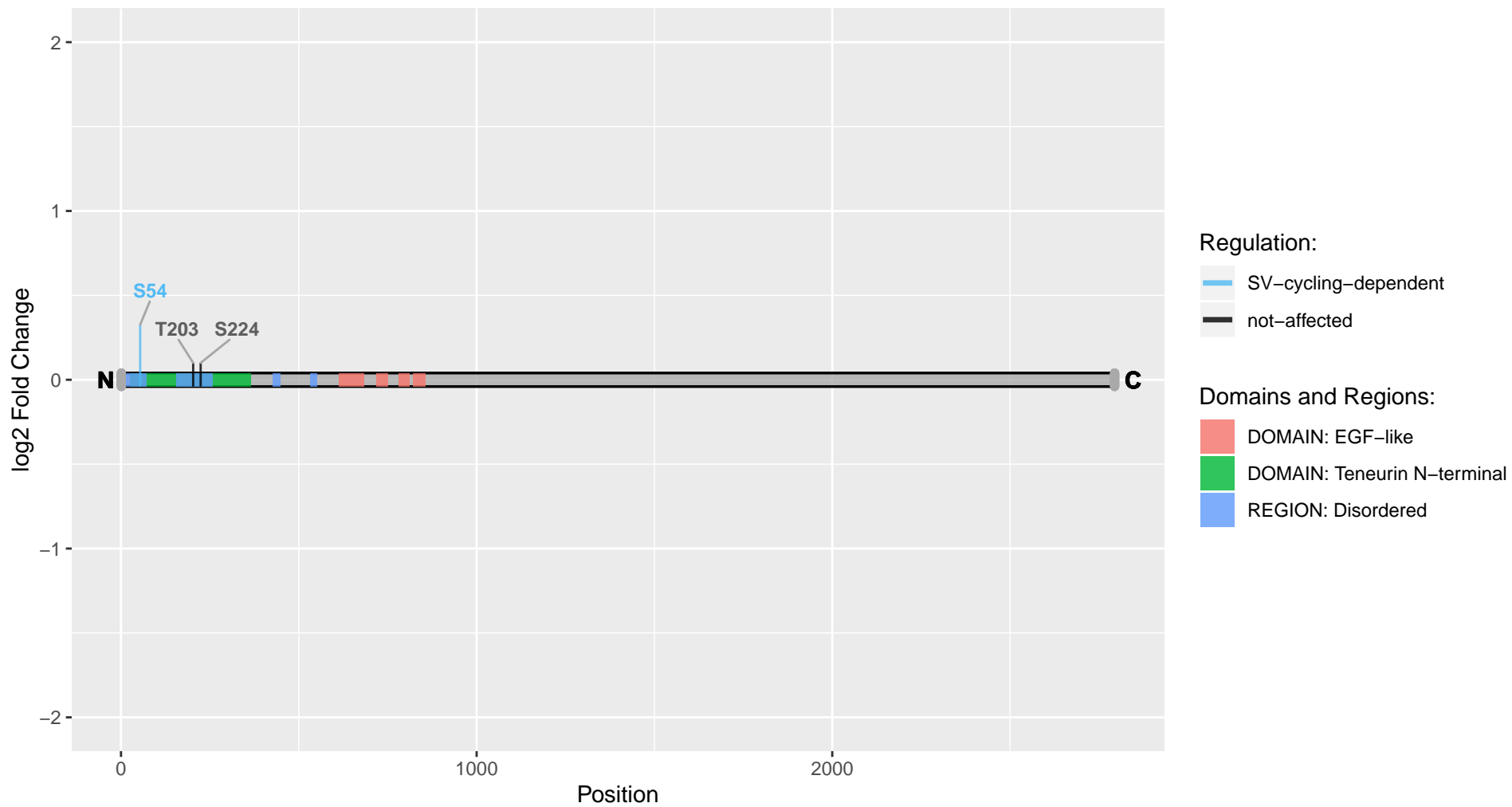
Treacle ribosome biogenesis factor 1



Tenm4

Uniprot Accession: F1LZ38

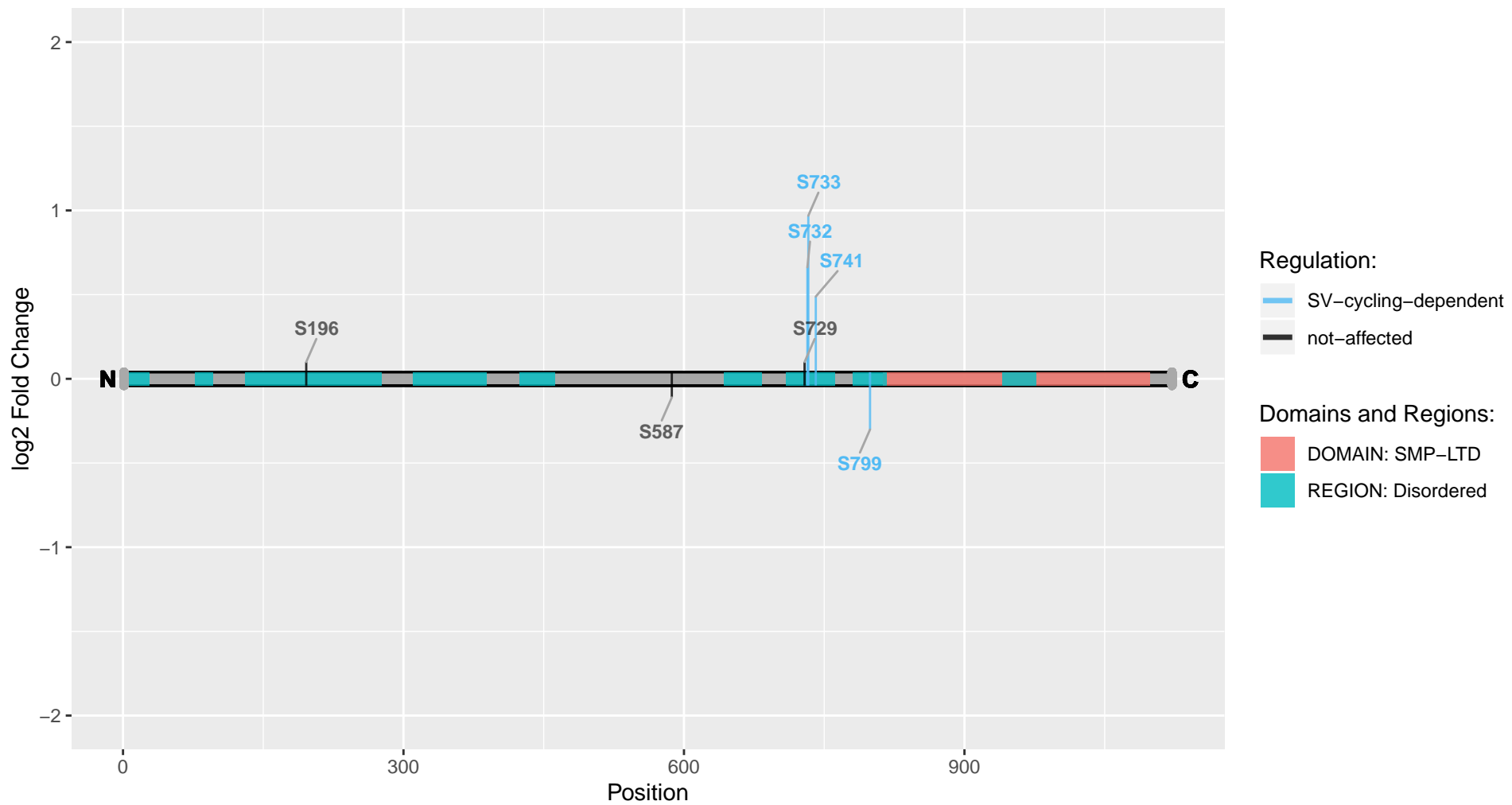
Teneurin transmembrane protein 4



Tex2

Uniprot Accession: G3V9L1

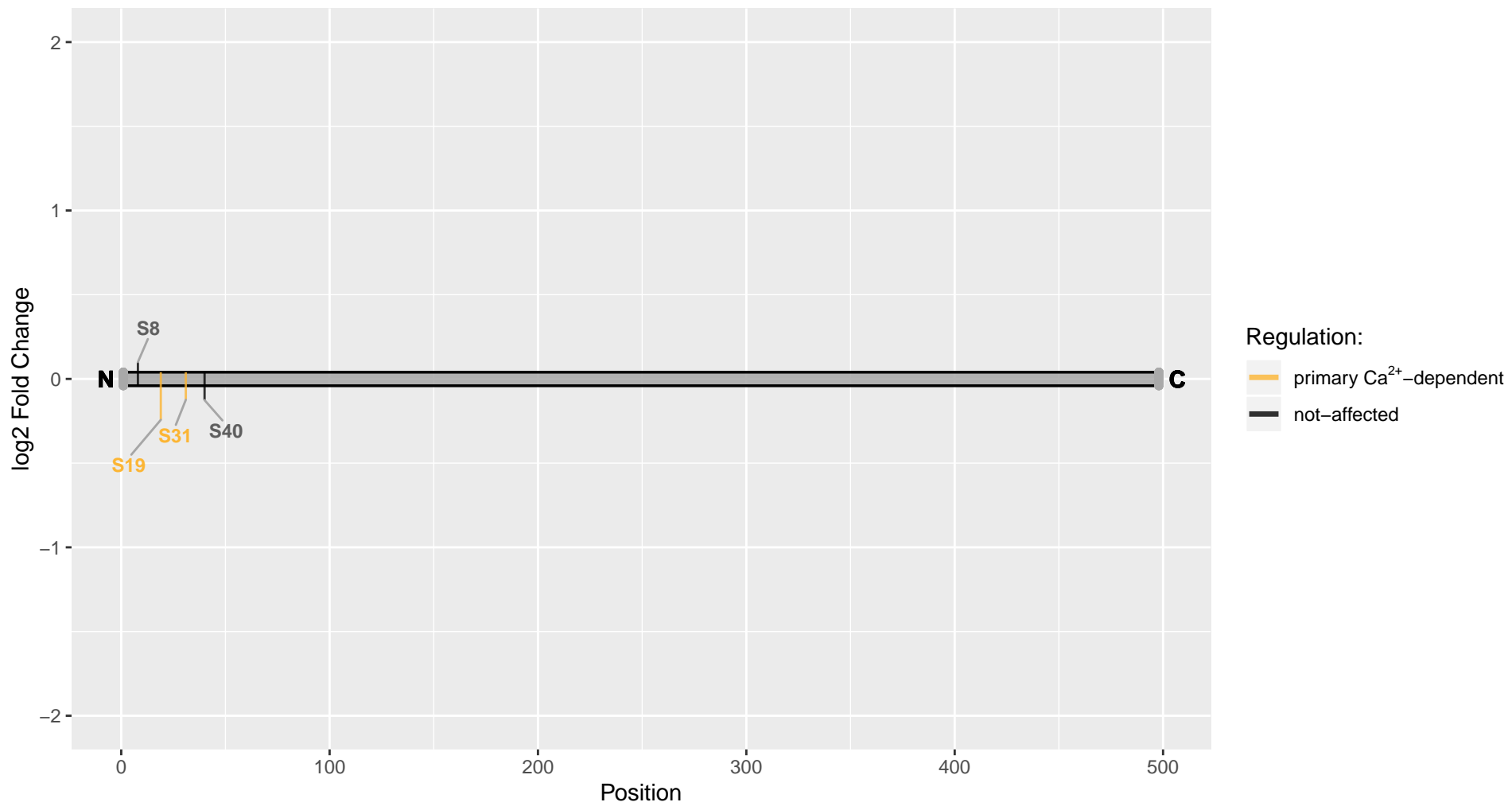
Testis expressed gene 2



Th

Uniprot Accession: P04177

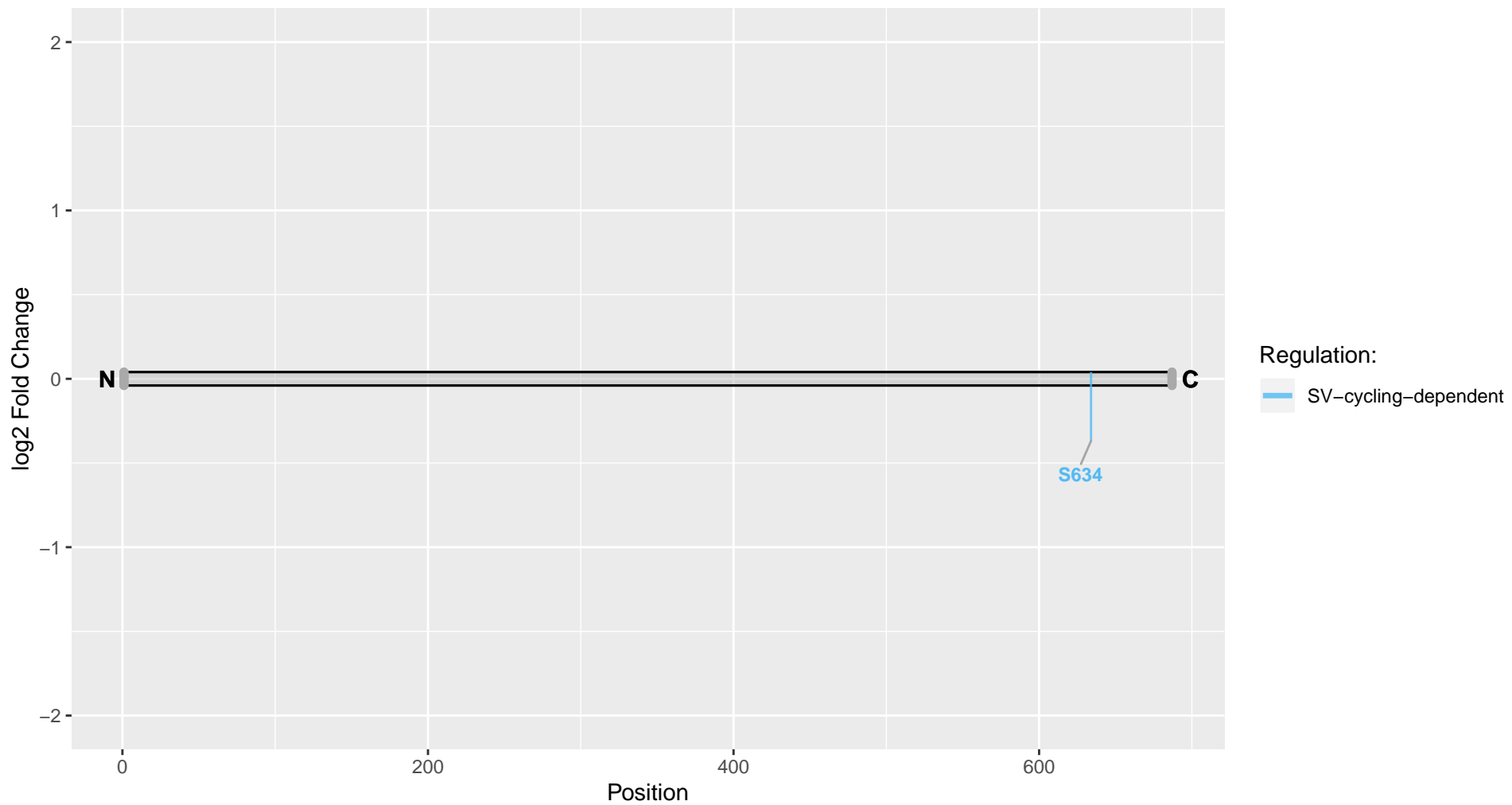
Tyrosine 3-monooxygenase



Thop1

Uniprot Accession: P24155

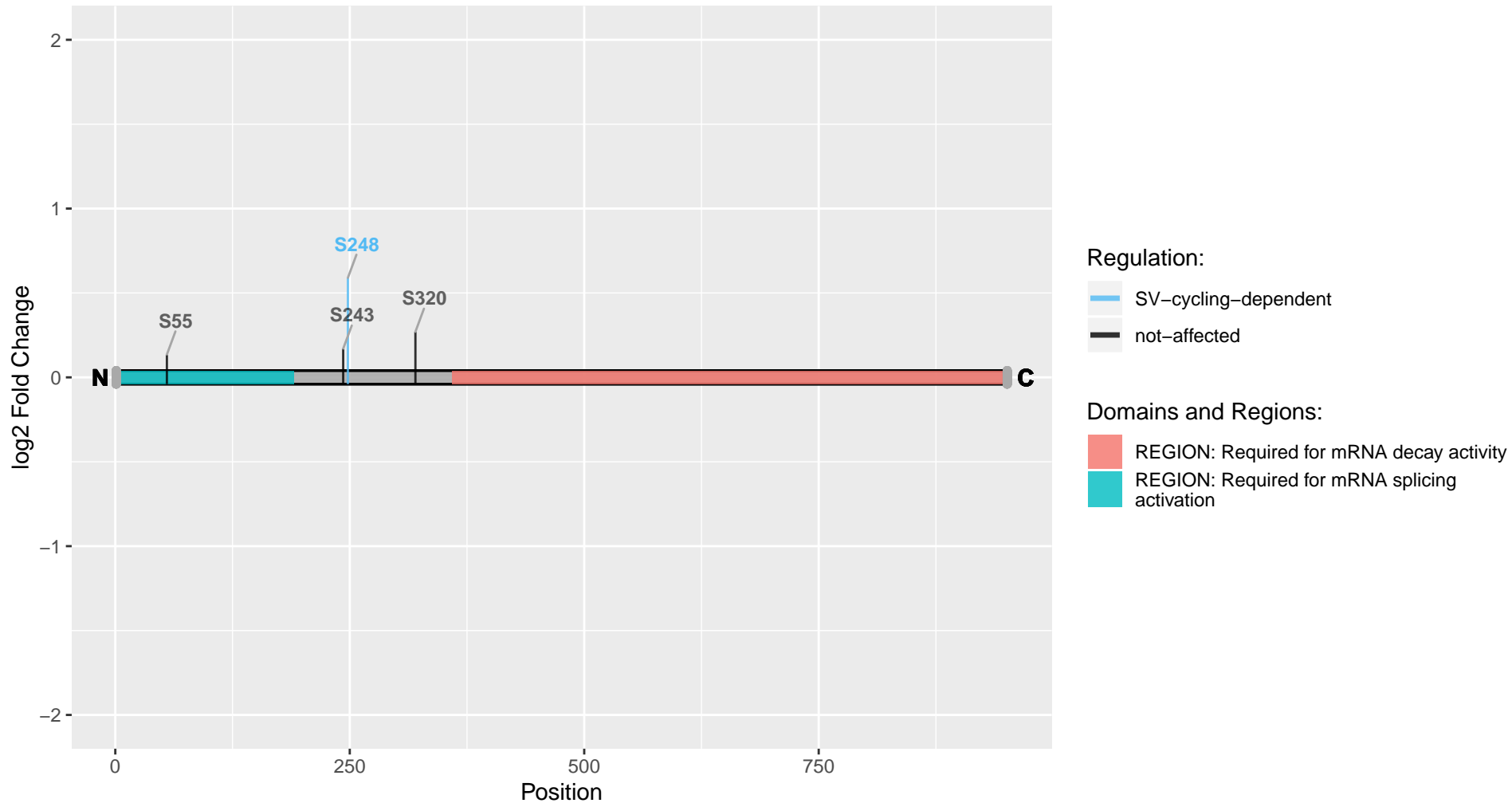
Thimet oligopeptidase



Thrap3

Uniprot Accession: Q5M7V8

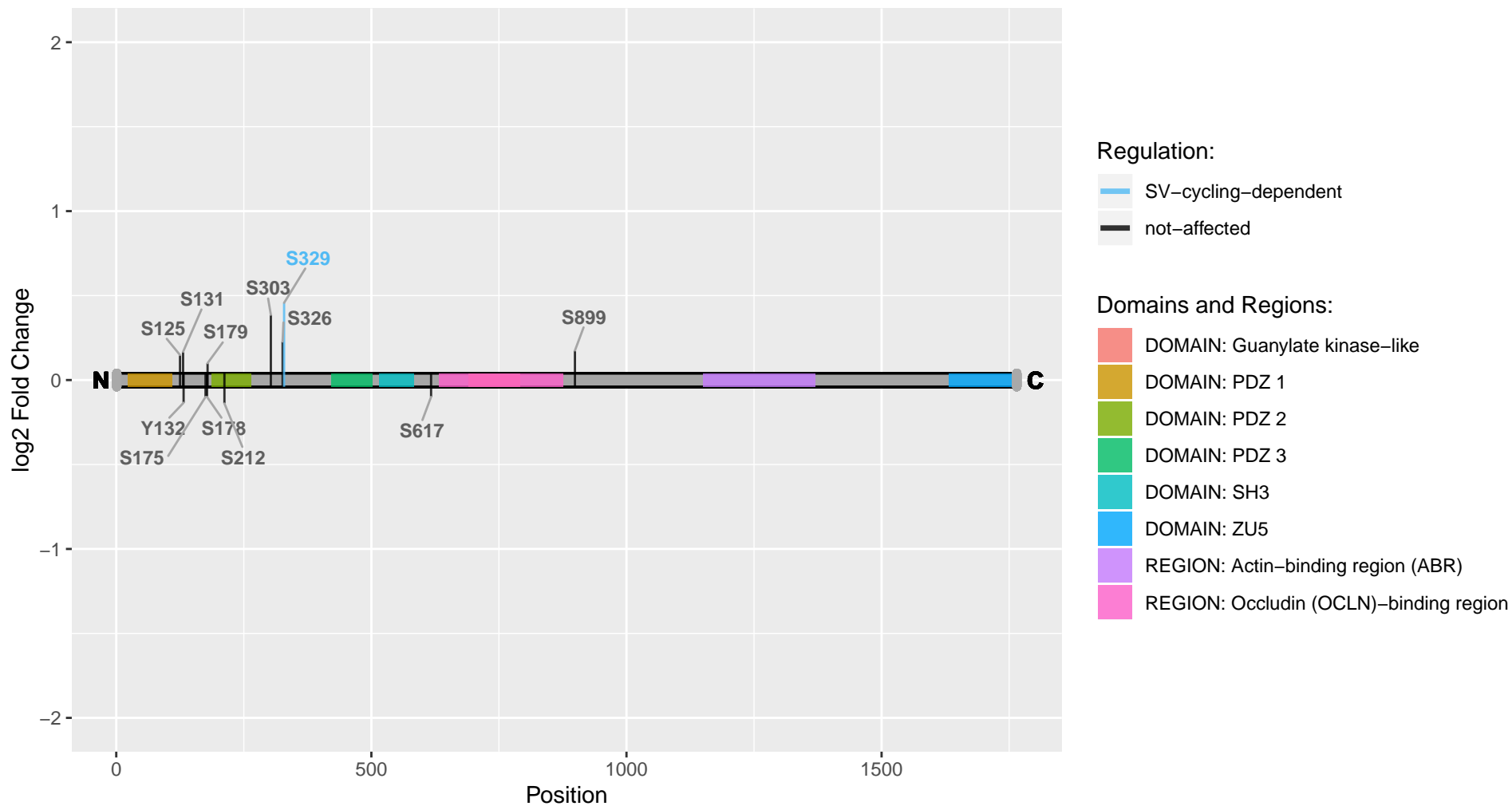
Thyroid hormone receptor-associated protein 3



Tjp1

Uniprot Accession: A0A0G2K2P5

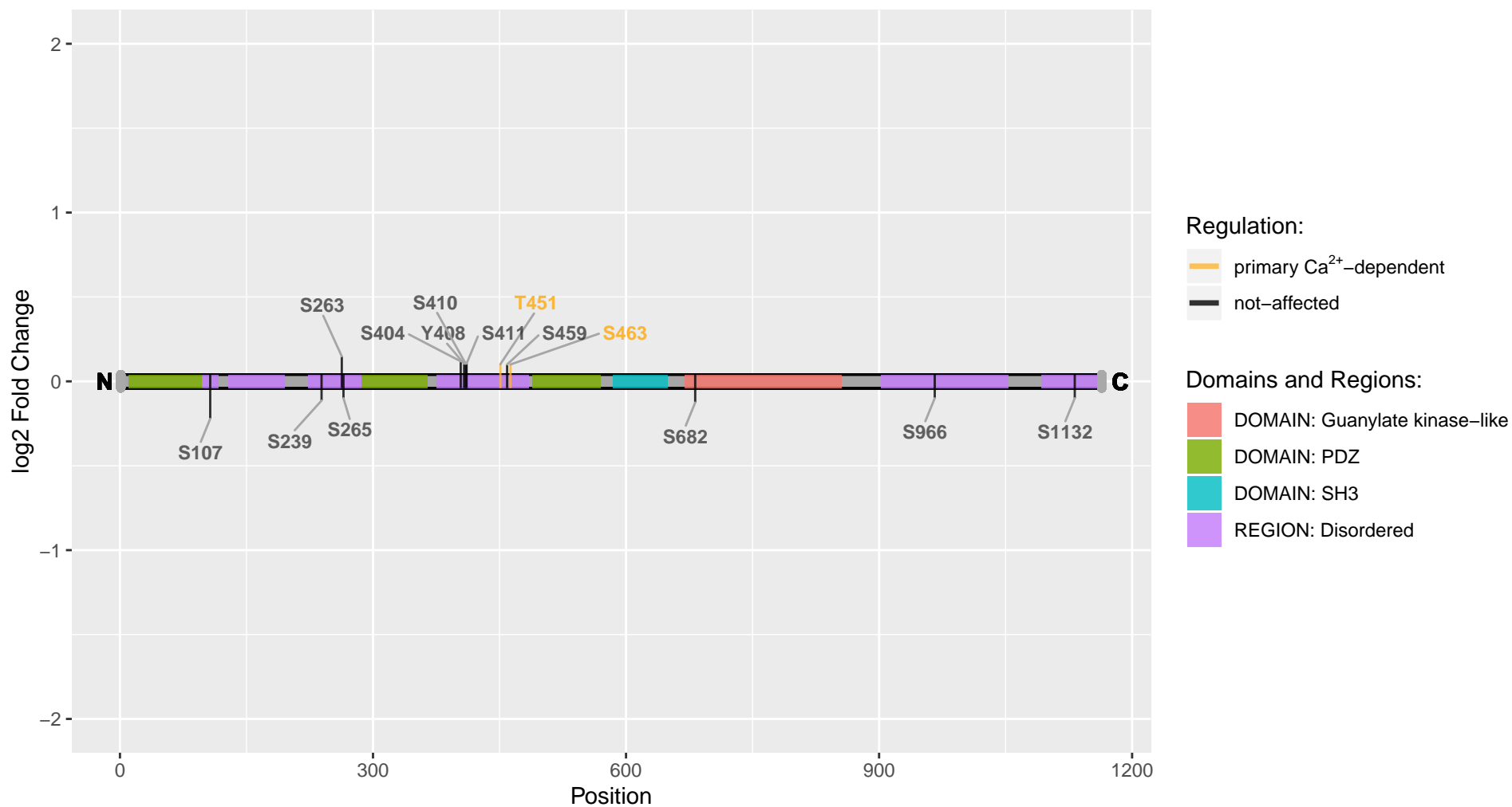
Tight junction protein ZO-1



Tjp2

Uniprot Accession: Q3ZB99

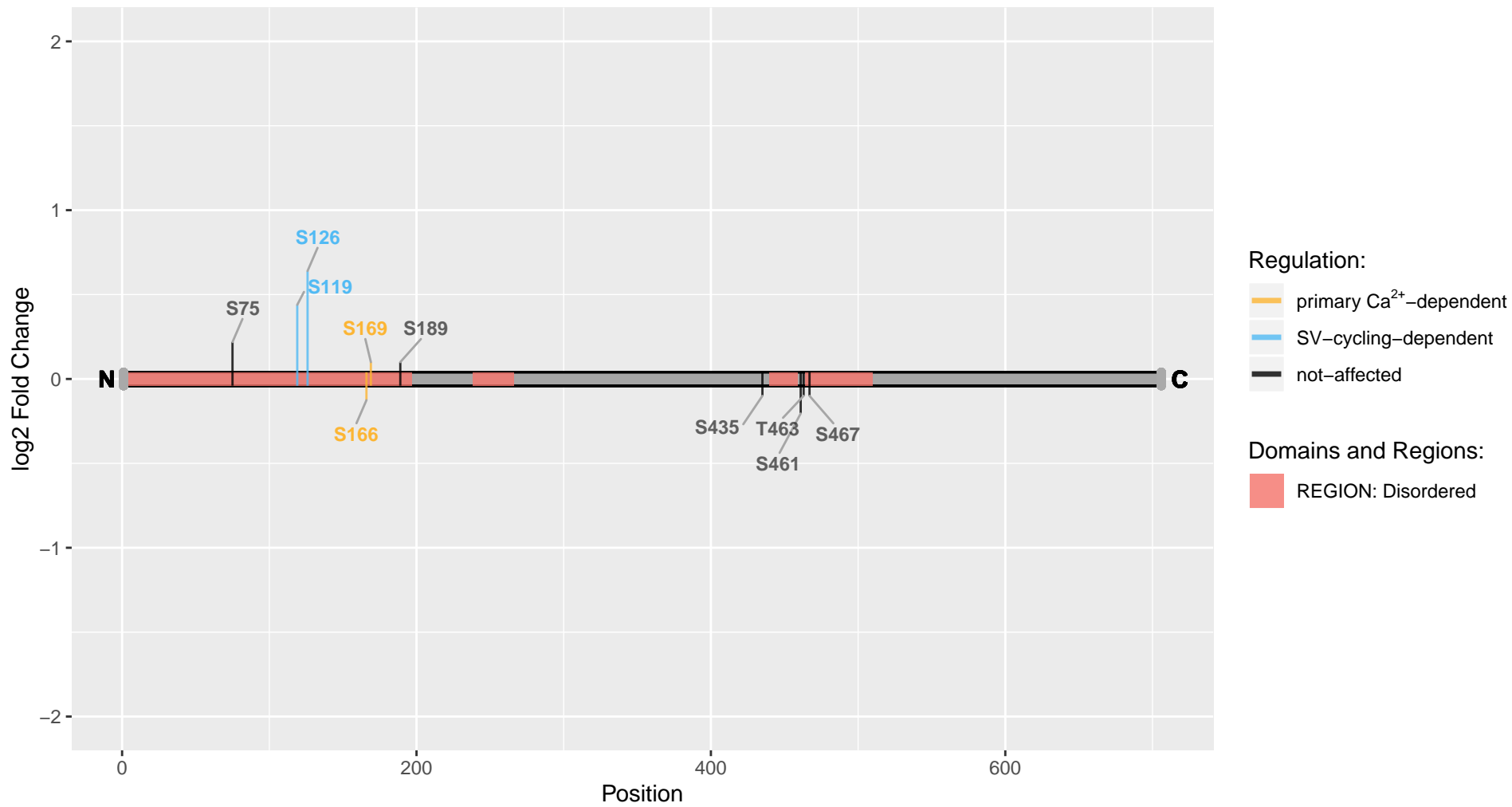
Tight junction protein 2



Tmcc2

Uniprot Accession: D3ZE26

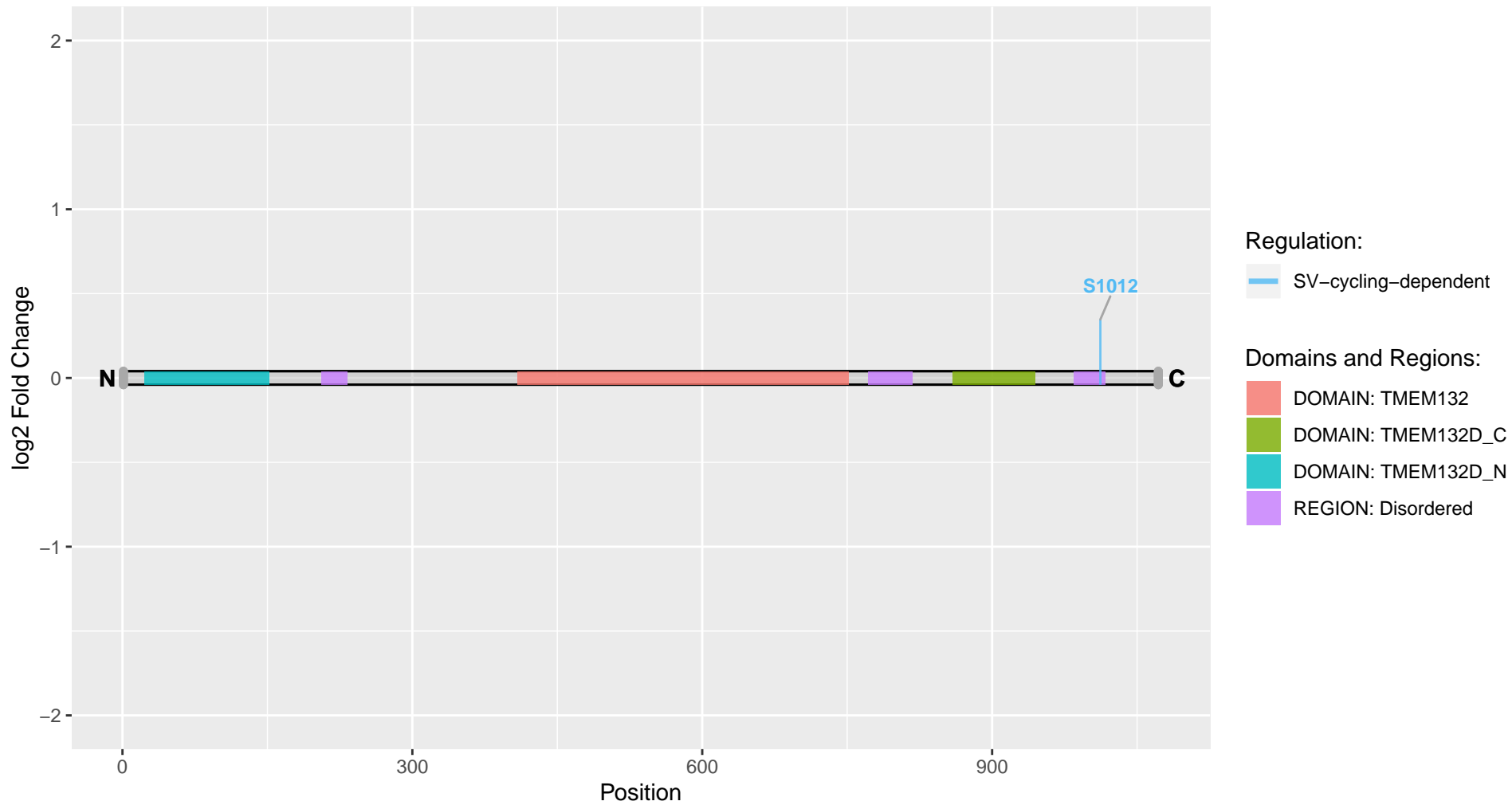
Similar to RIKEN cDNA 1110063G11 (Predicted)



Tmem132c

Uniprot Accession: F1LYB3

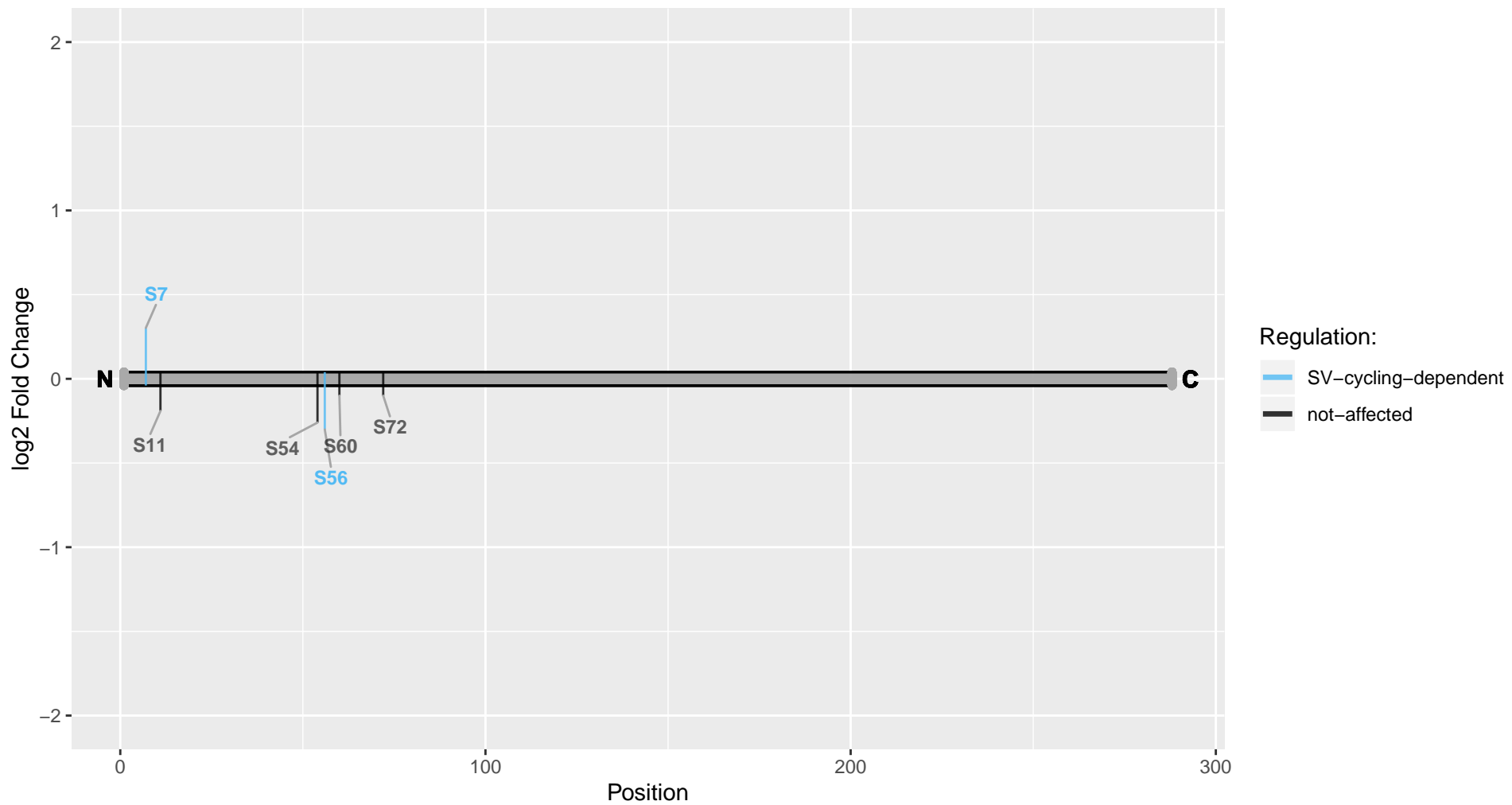
Transmembrane protein 132C



Tmem163

Uniprot Accession: A9CMA6

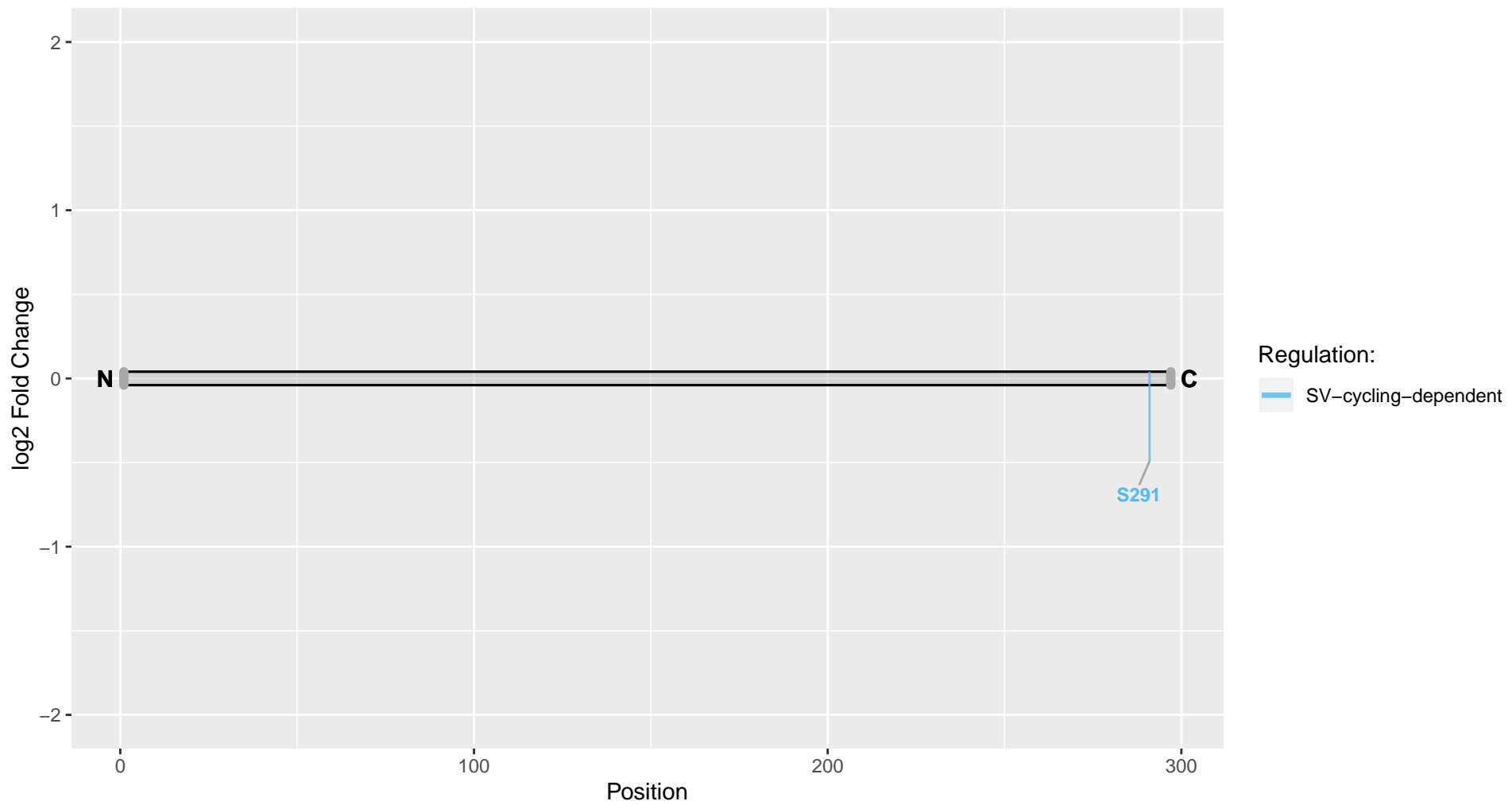
Transmembrane protein 163



Tmem178a

Uniprot Accession: Q68FV0

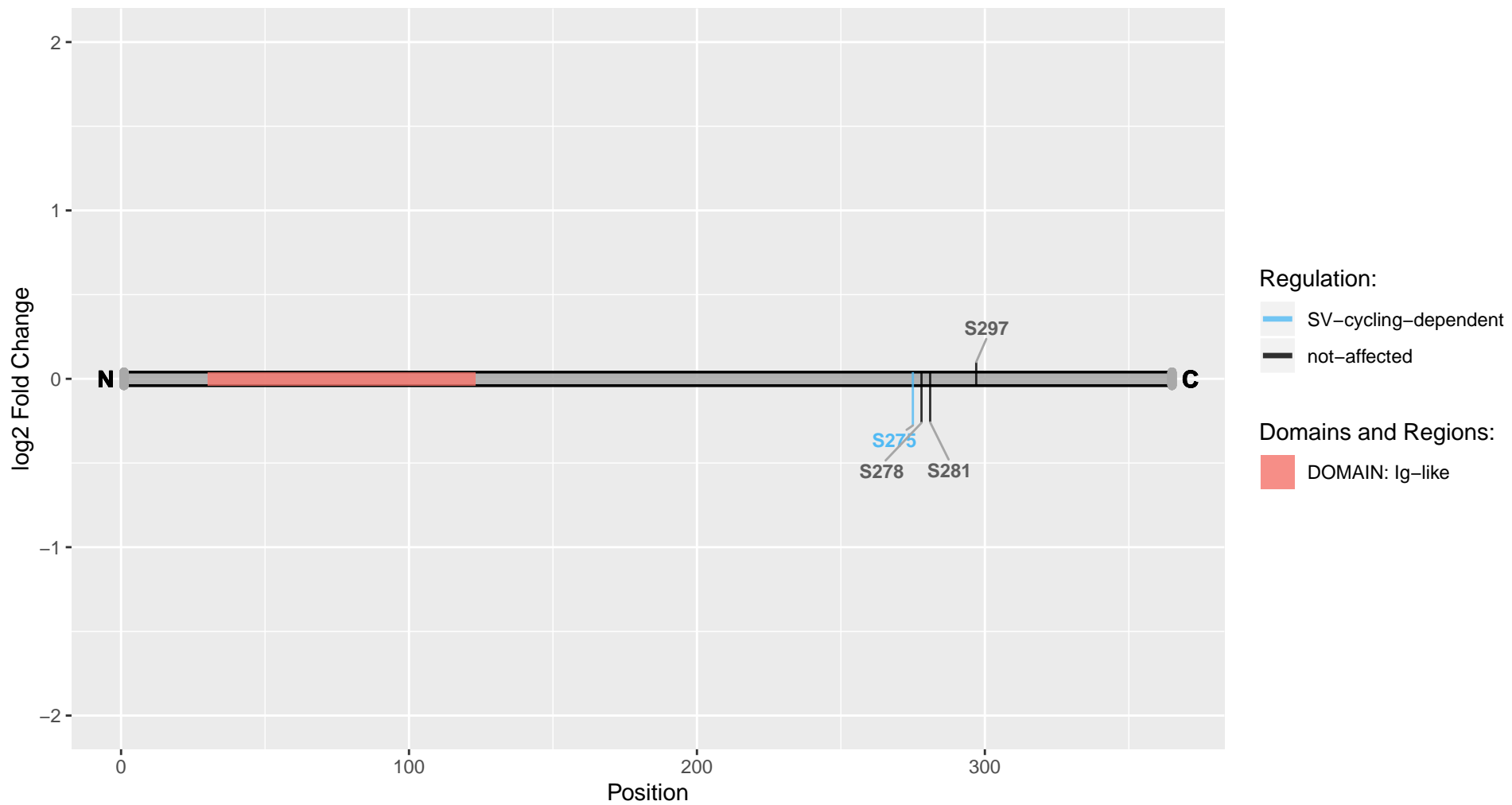
Transmembrane protein 178A



Tmem25

Uniprot Accession: D3Z9V8

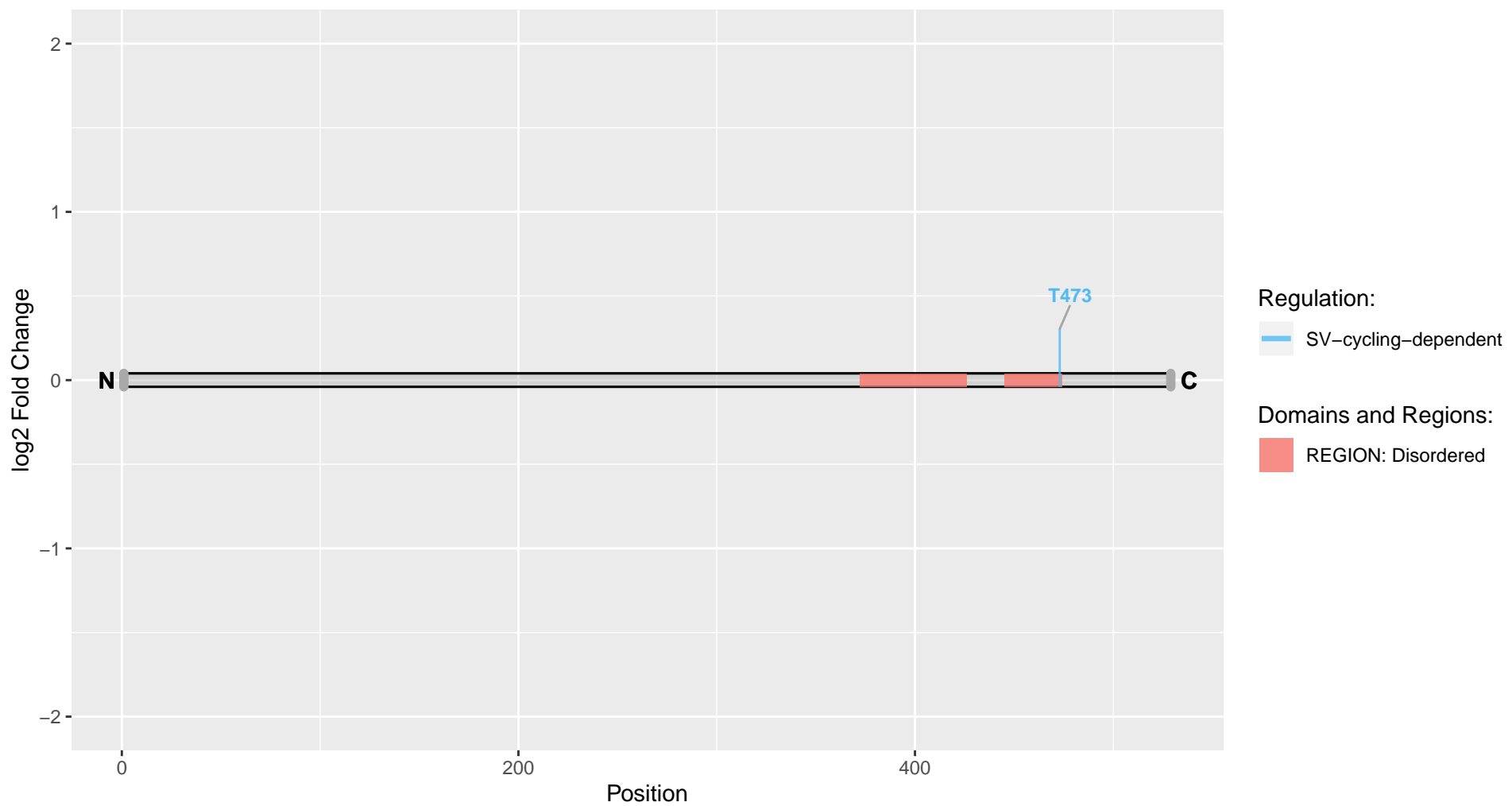
RCG58455, isoform CRA_a



Tmem266

Uniprot Accession: D3ZYW8

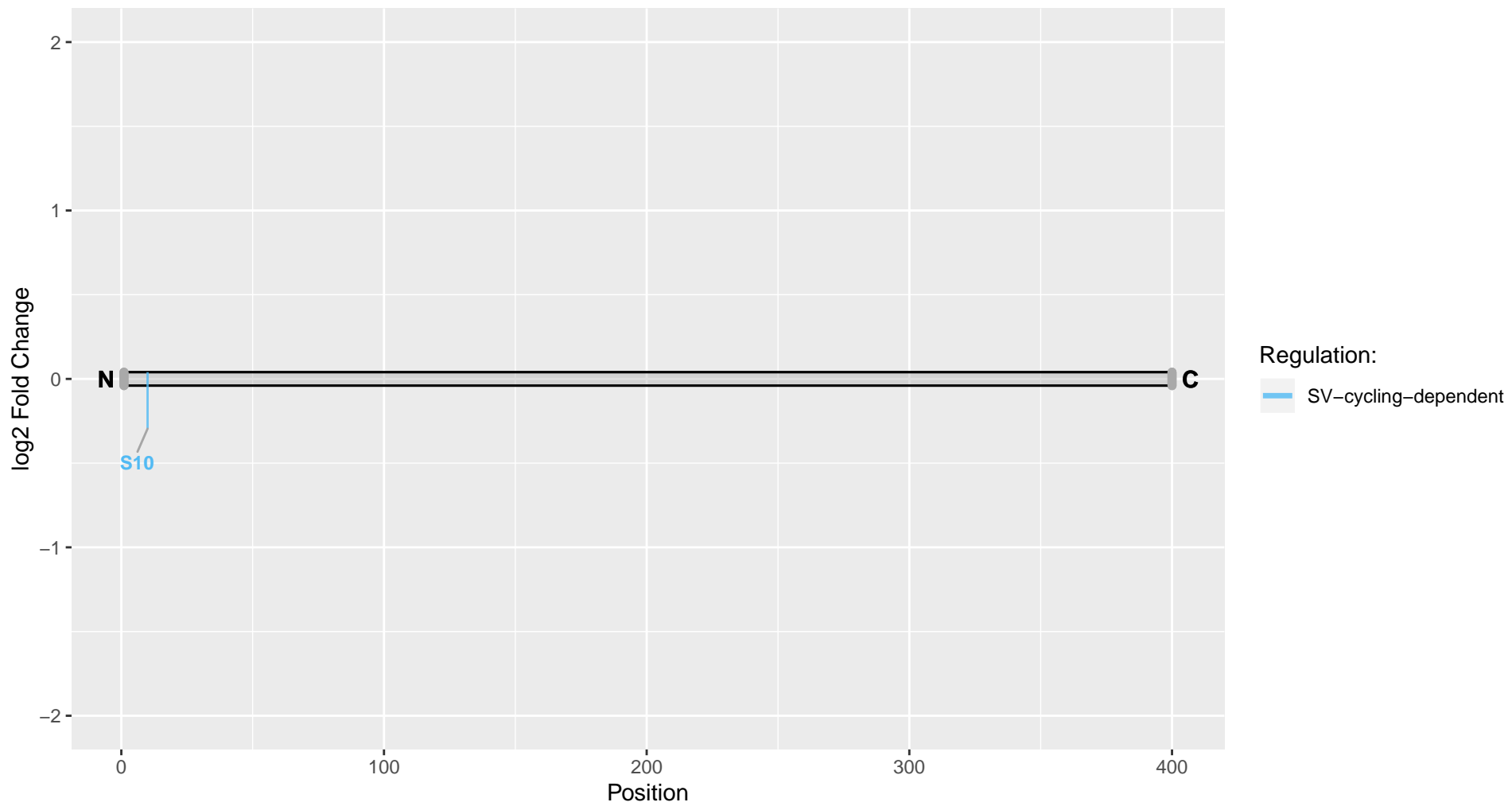
Similar to expressed sequence AI118078 (Predicted)



Tmem43

Uniprot Accession: Q5XIP9

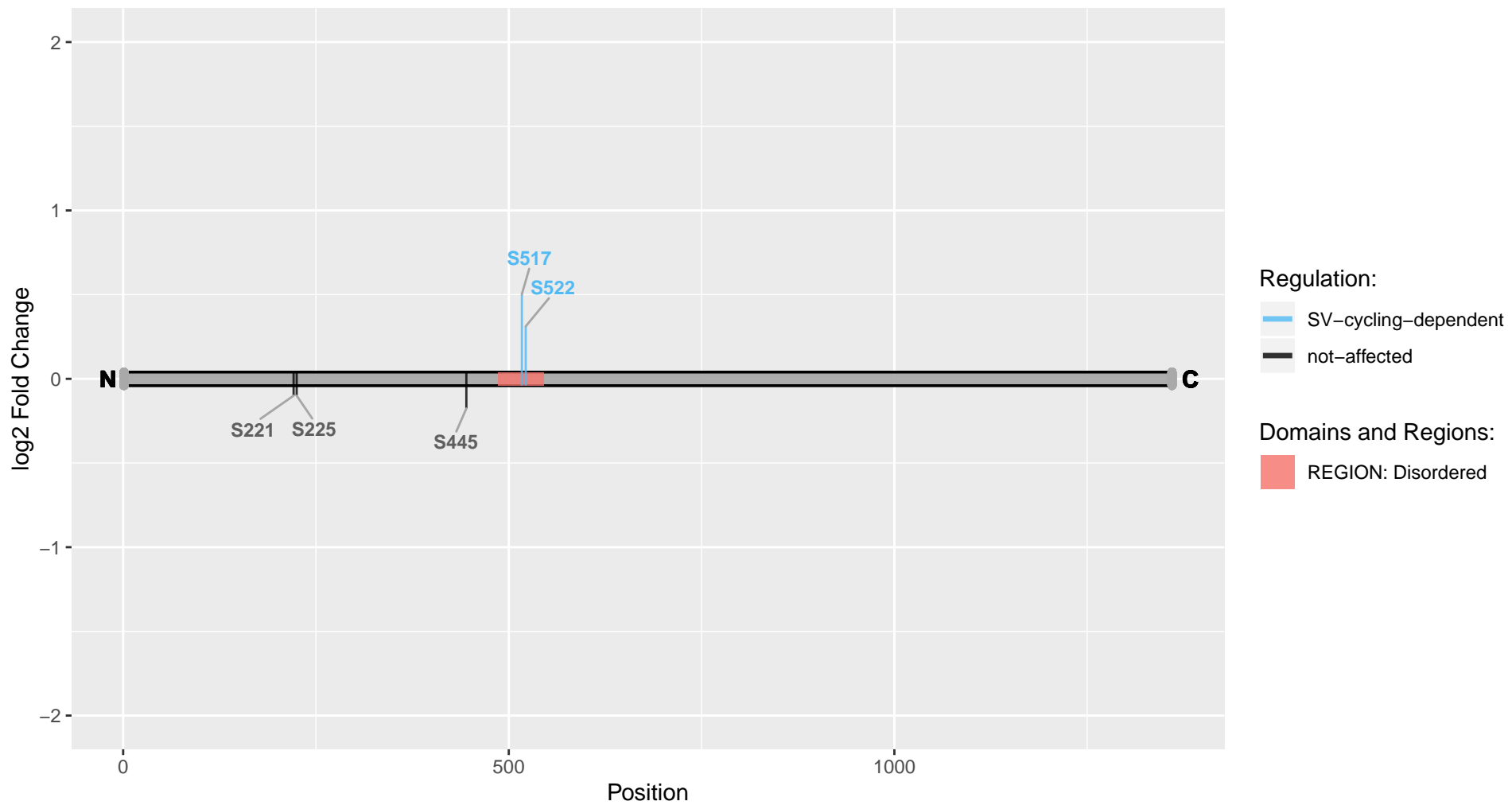
Transmembrane protein 43



Tmem94

Uniprot Accession: F1LUG5

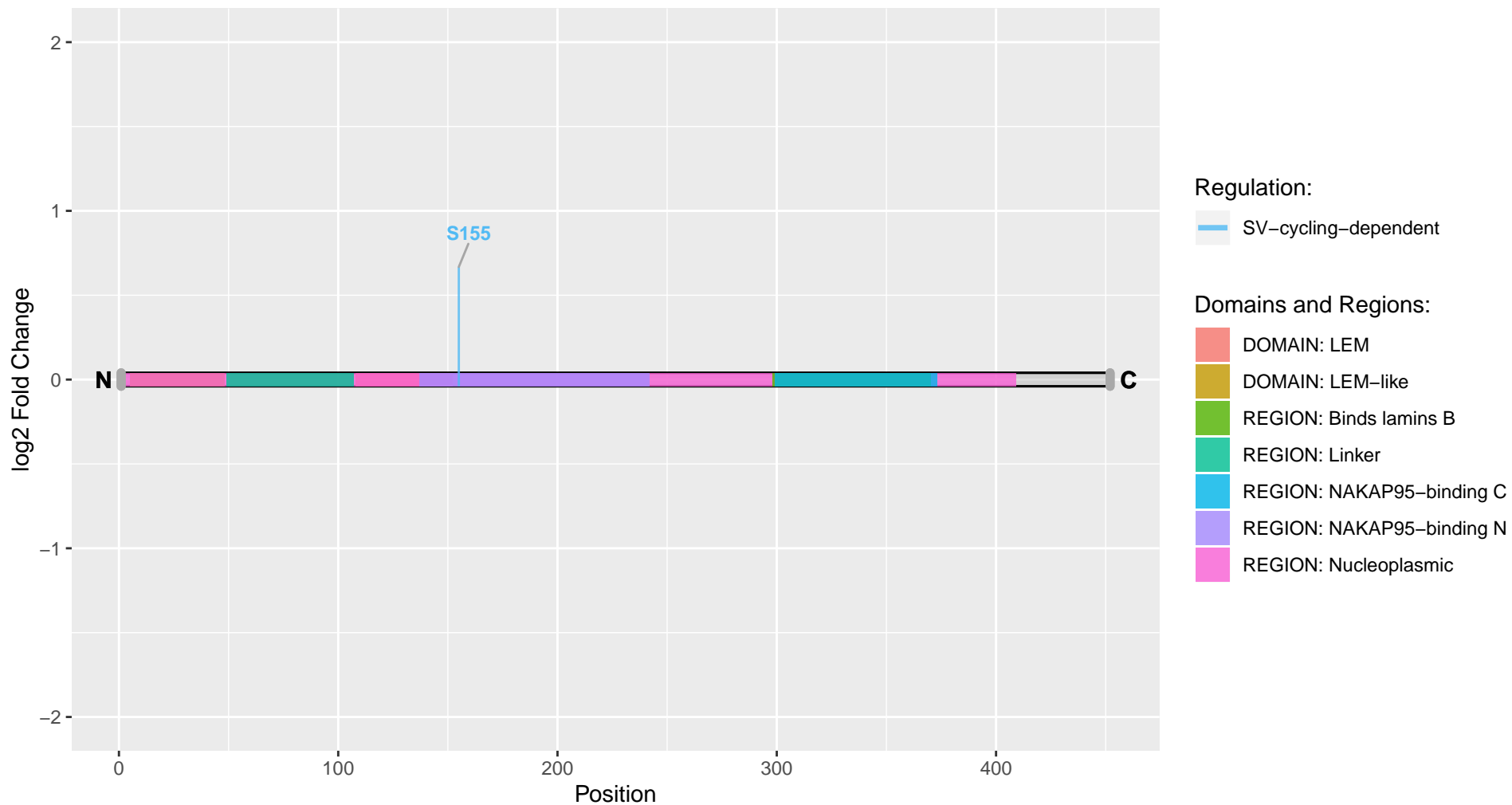
Transmembrane protein 94



Tmpo

Uniprot Accession: Q62733

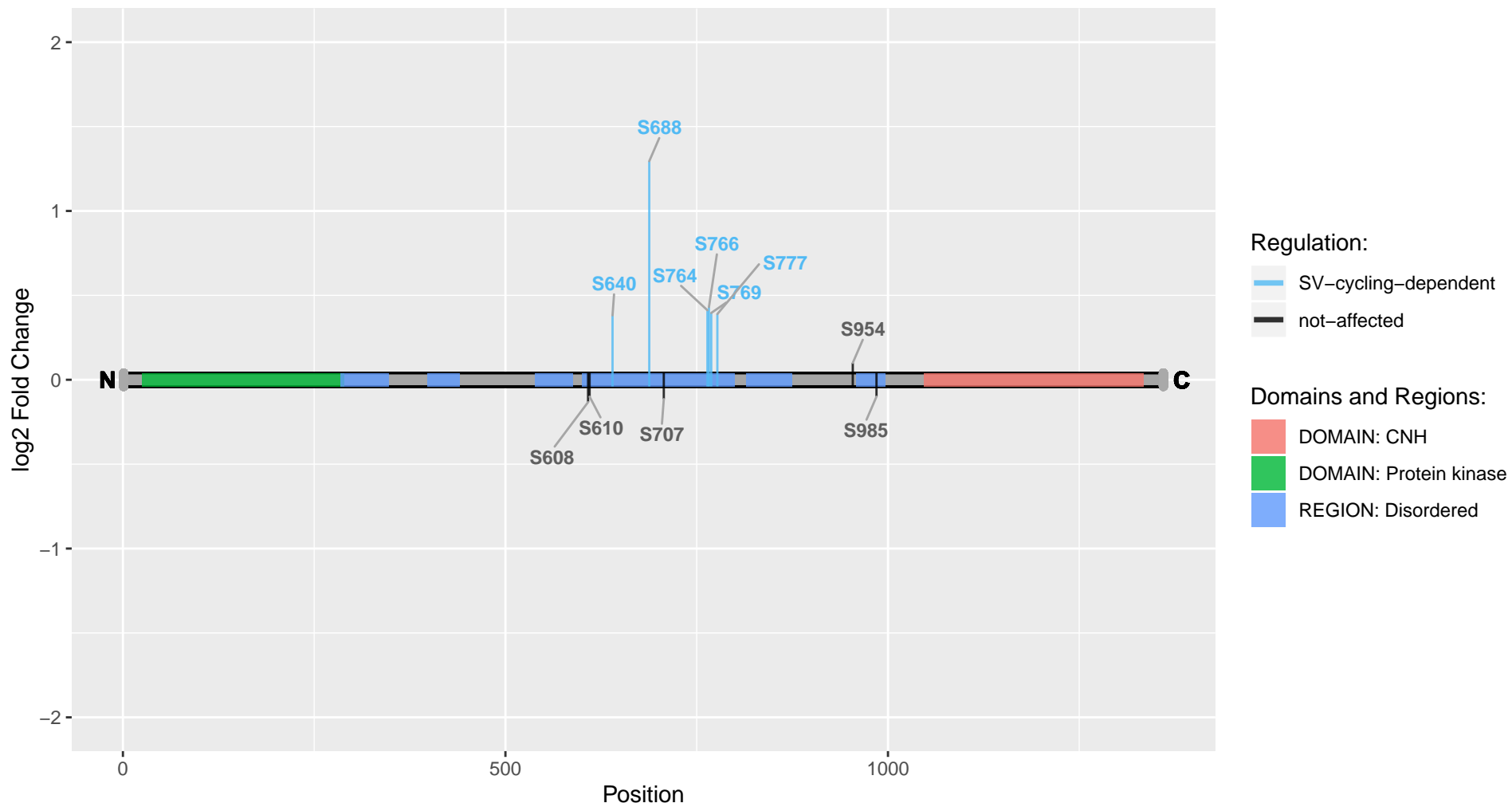
Lamina-associated polypeptide 2, isoform beta



Tnik

Uniprot Accession: A0A0G2K490

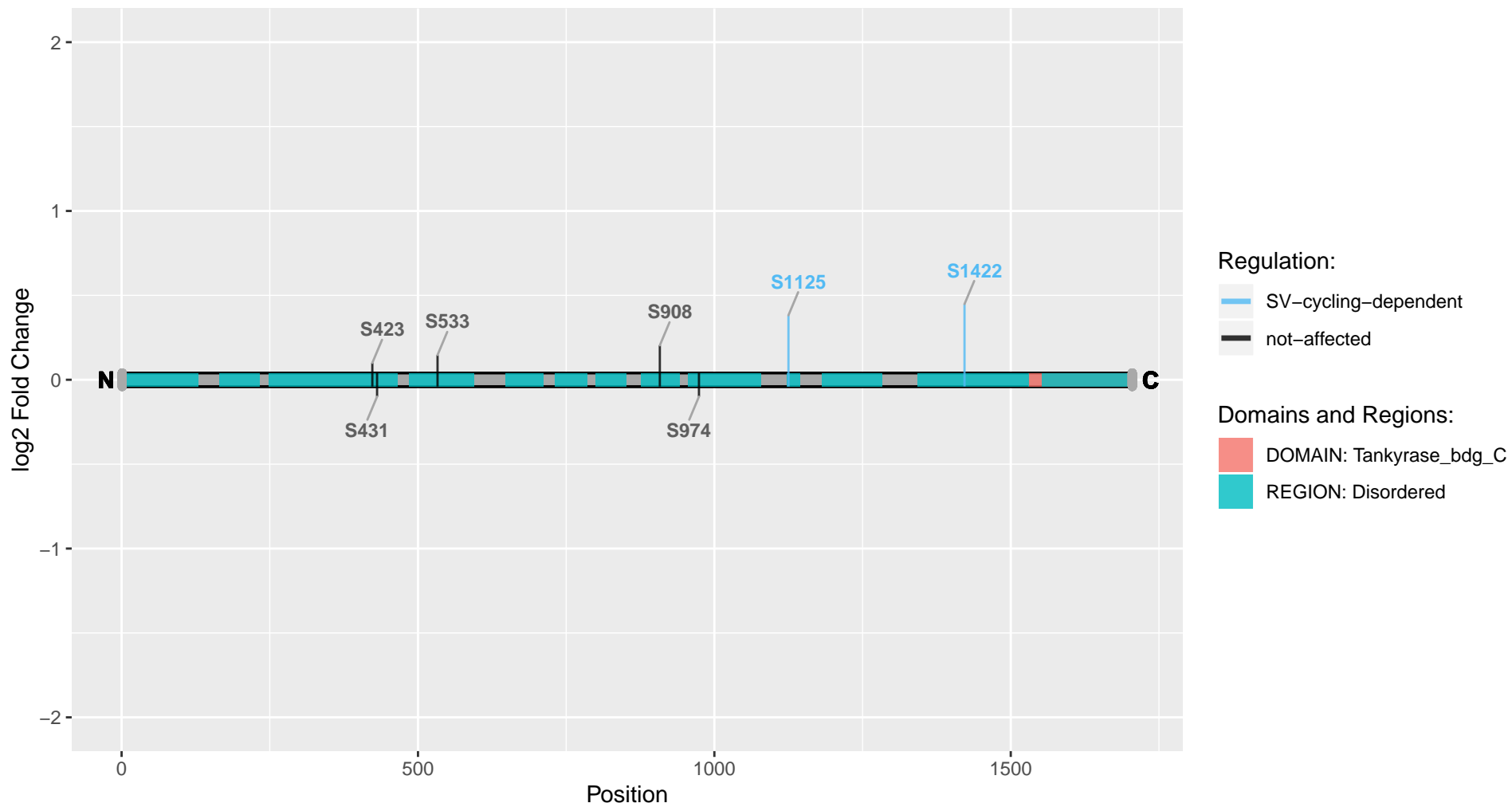
TRAF2 and NCK-interacting kinase



Tnks1bp1

Uniprot Accession: D3ZF26

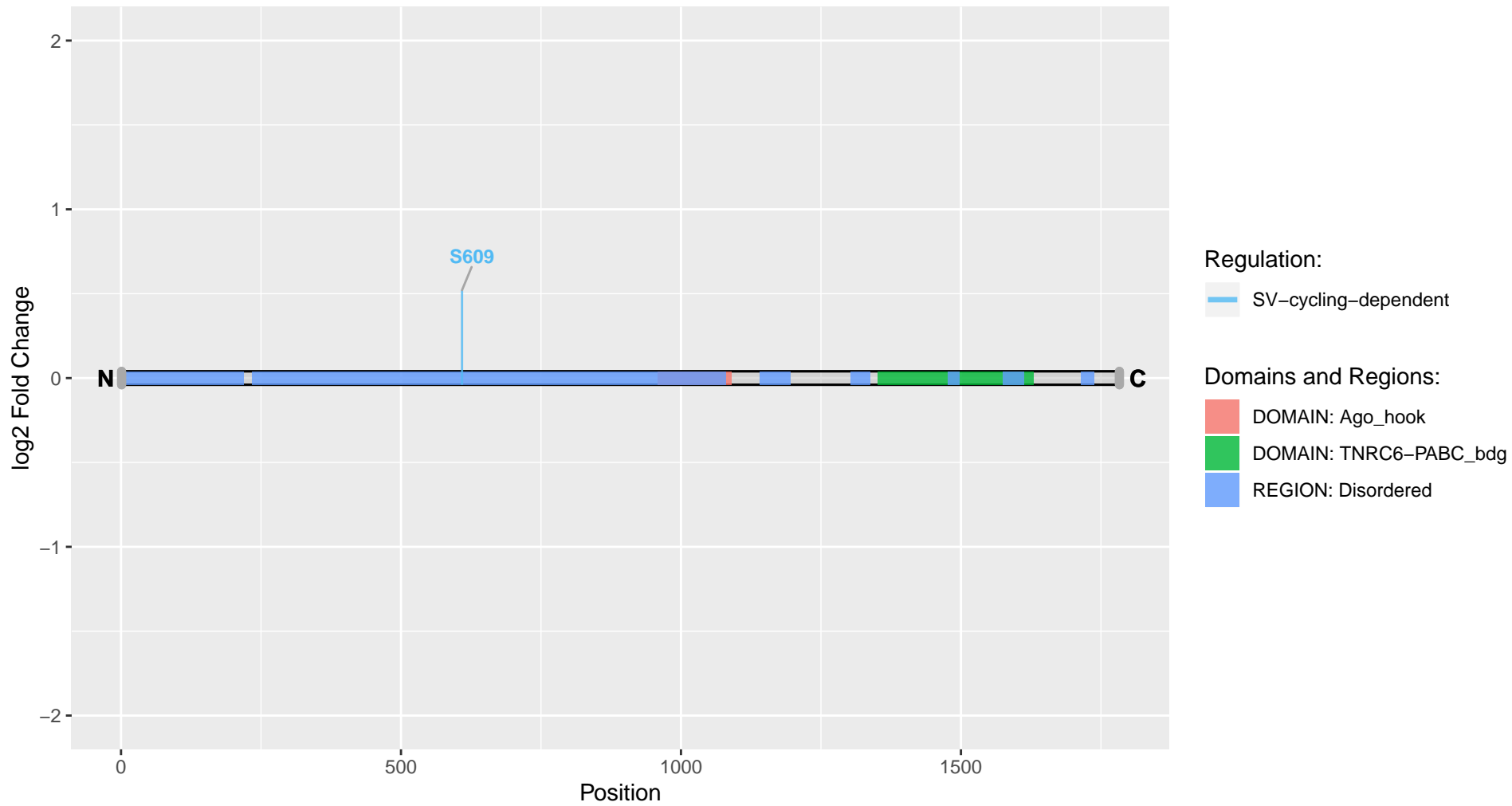
Tankyrase 1-binding protein 1



Tnrc6b

Uniprot Accession: A0A0G2K6R0

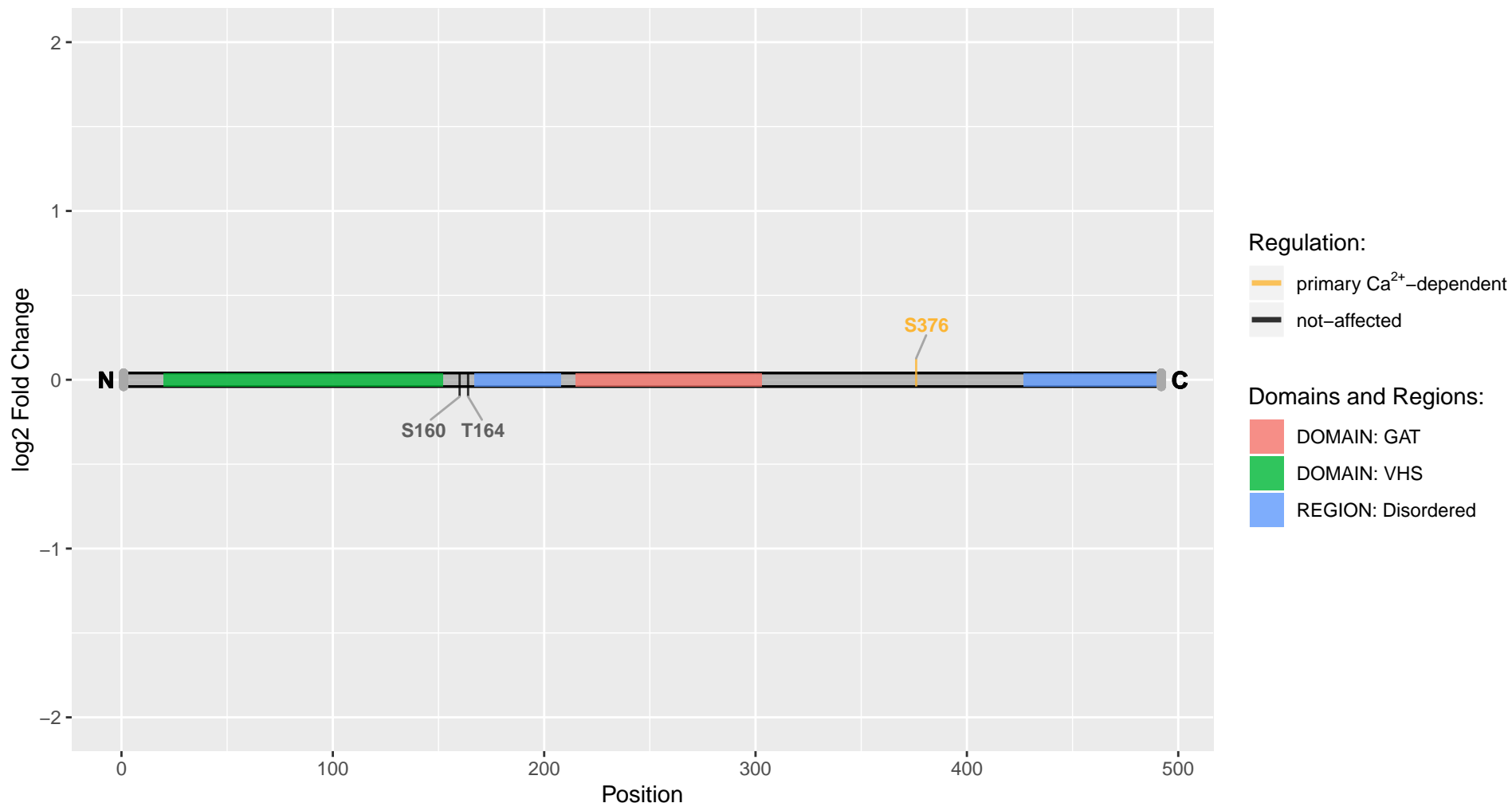
Trinucleotide repeat-containing 6B



Tom1

Uniprot Accession: Q5XI21

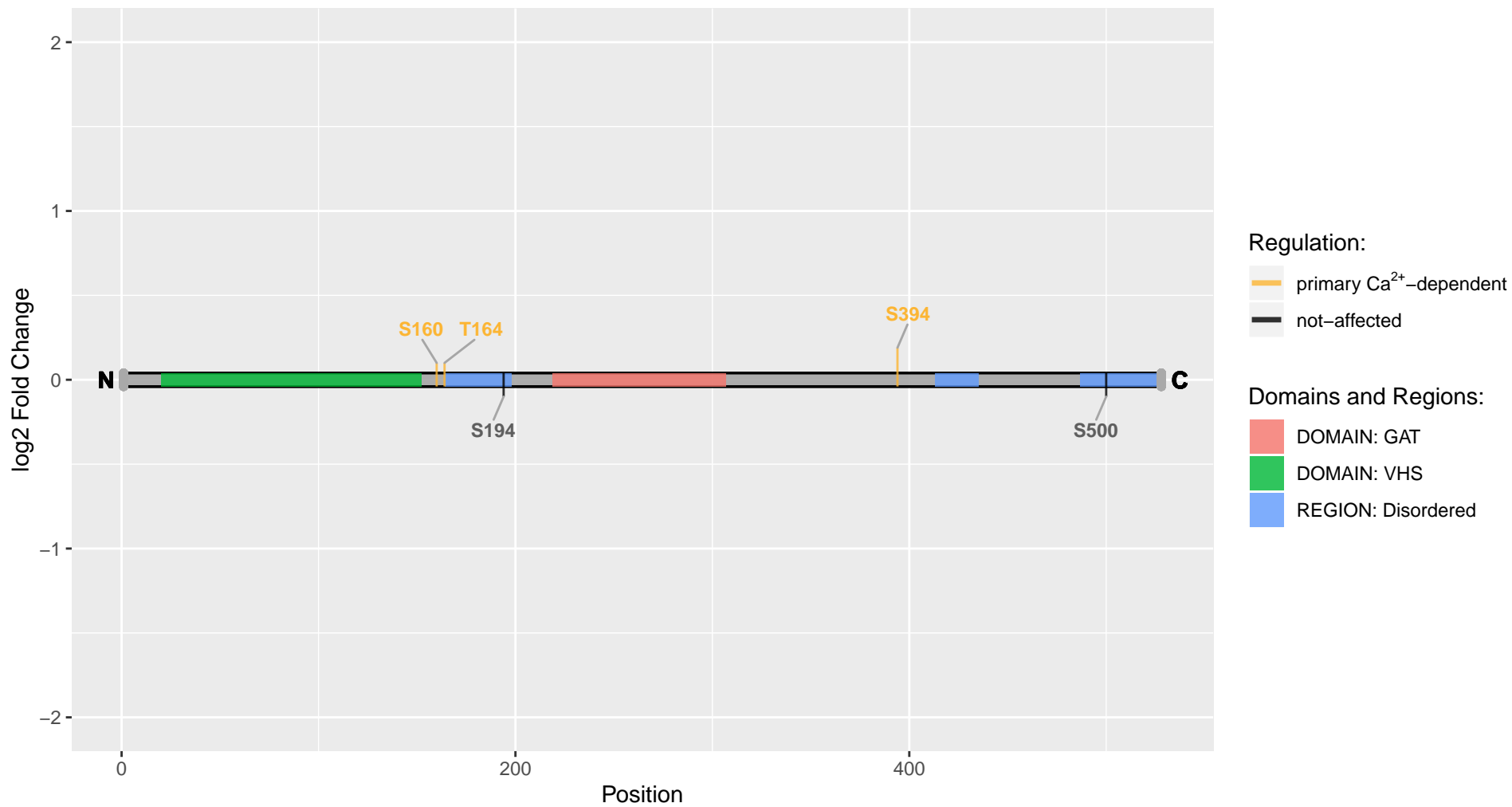
Target of myb1 homolog (Chicken)



Tom112

Uniprot Accession: A0A0G2K9L2

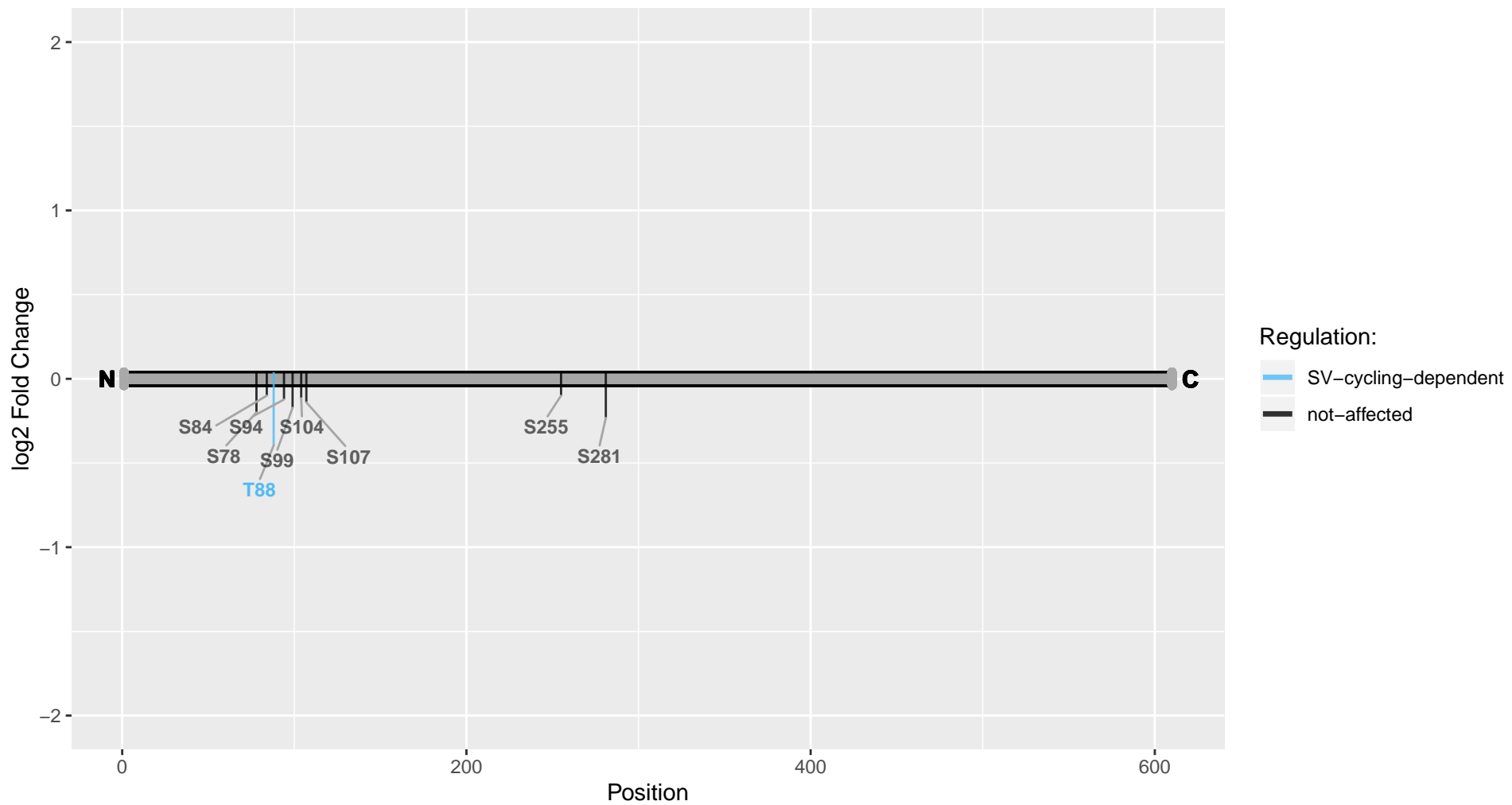
Target of myb1-like 2 membrane-traffic protein



Tomm70

Uniprot Accession: Q75Q39

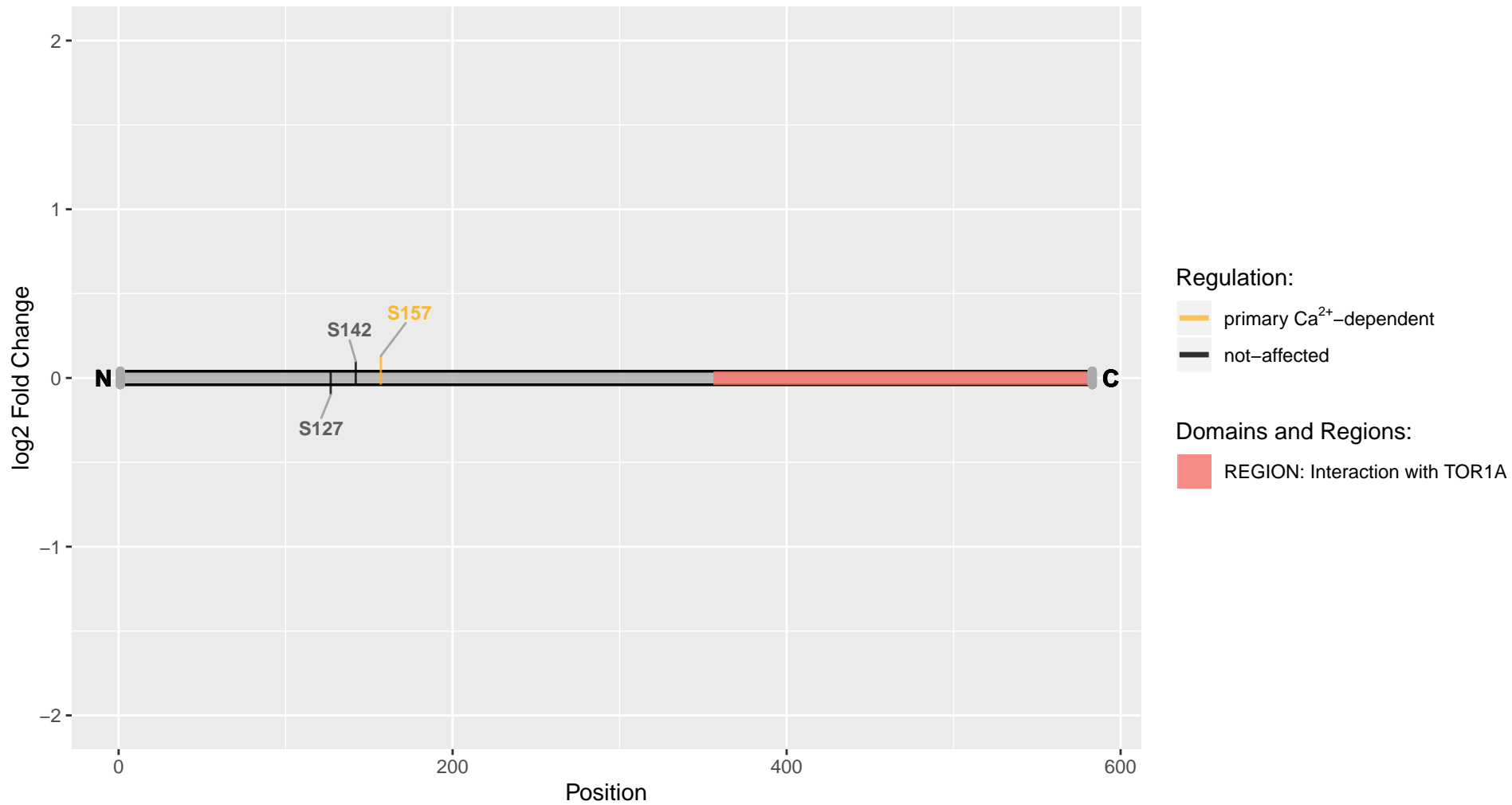
Mitochondrial import receptor subunit TOM70



Tor1aip1

Uniprot Accession: Q5PQX1

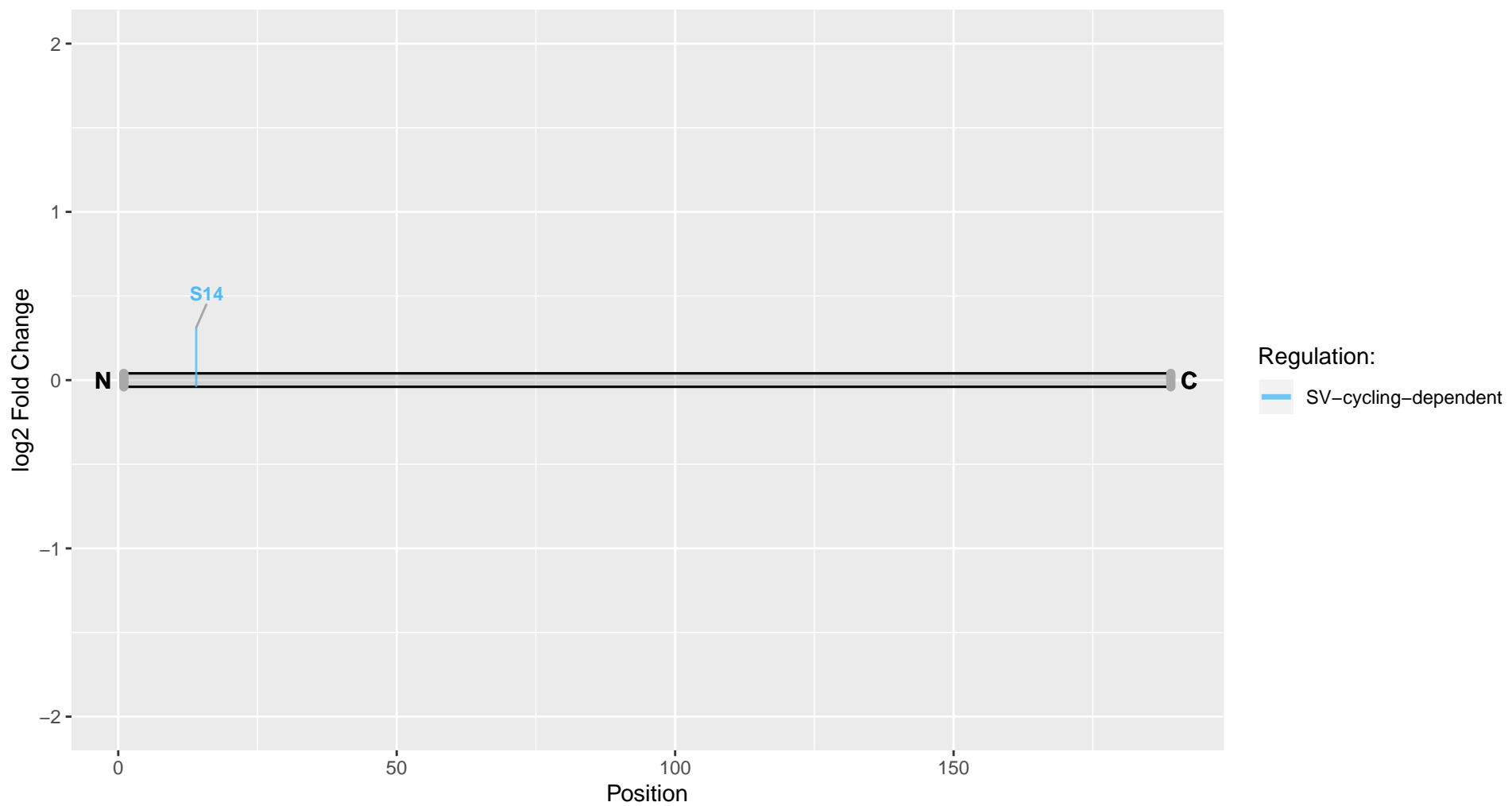
Torsin-1A-interacting protein 1



Tp53i11

Uniprot Accession: B3DMA0

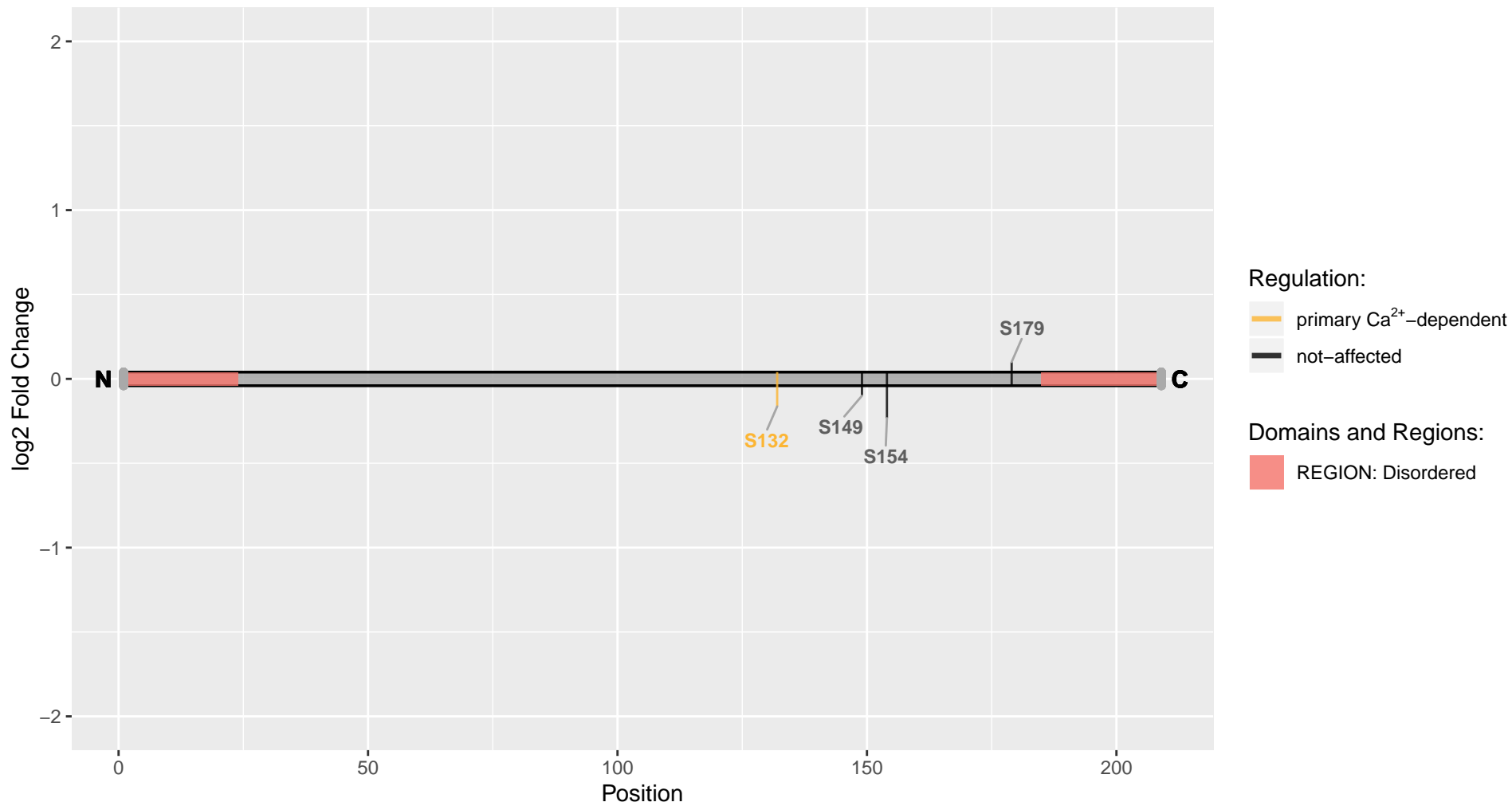
Tumor protein p53-inducible protein 11



Tpd5211

Uniprot Accession: A0A0G2K8M7

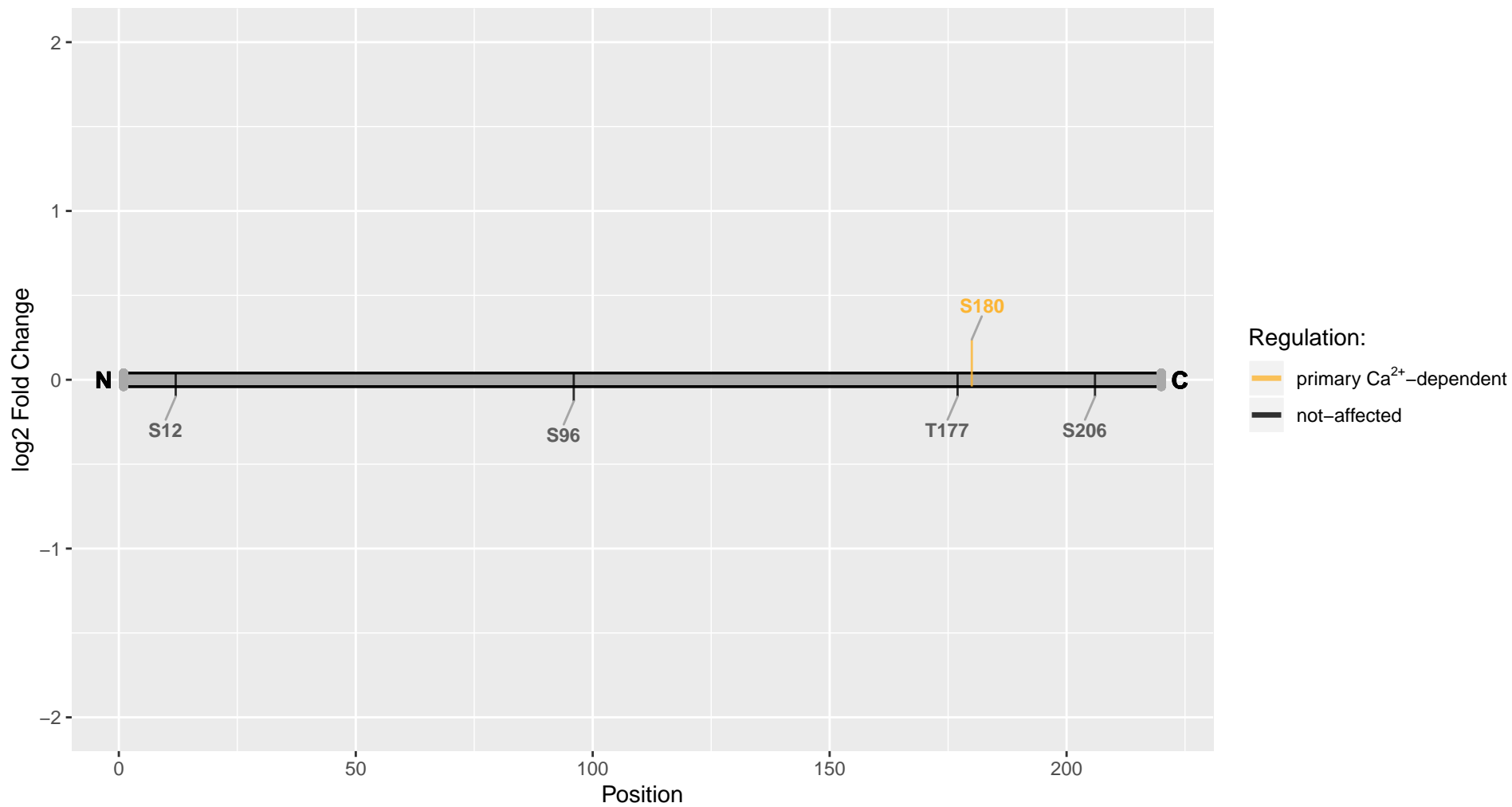
TPD52-like 1



Tpd52l2

Uniprot Accession: Q6PCT3

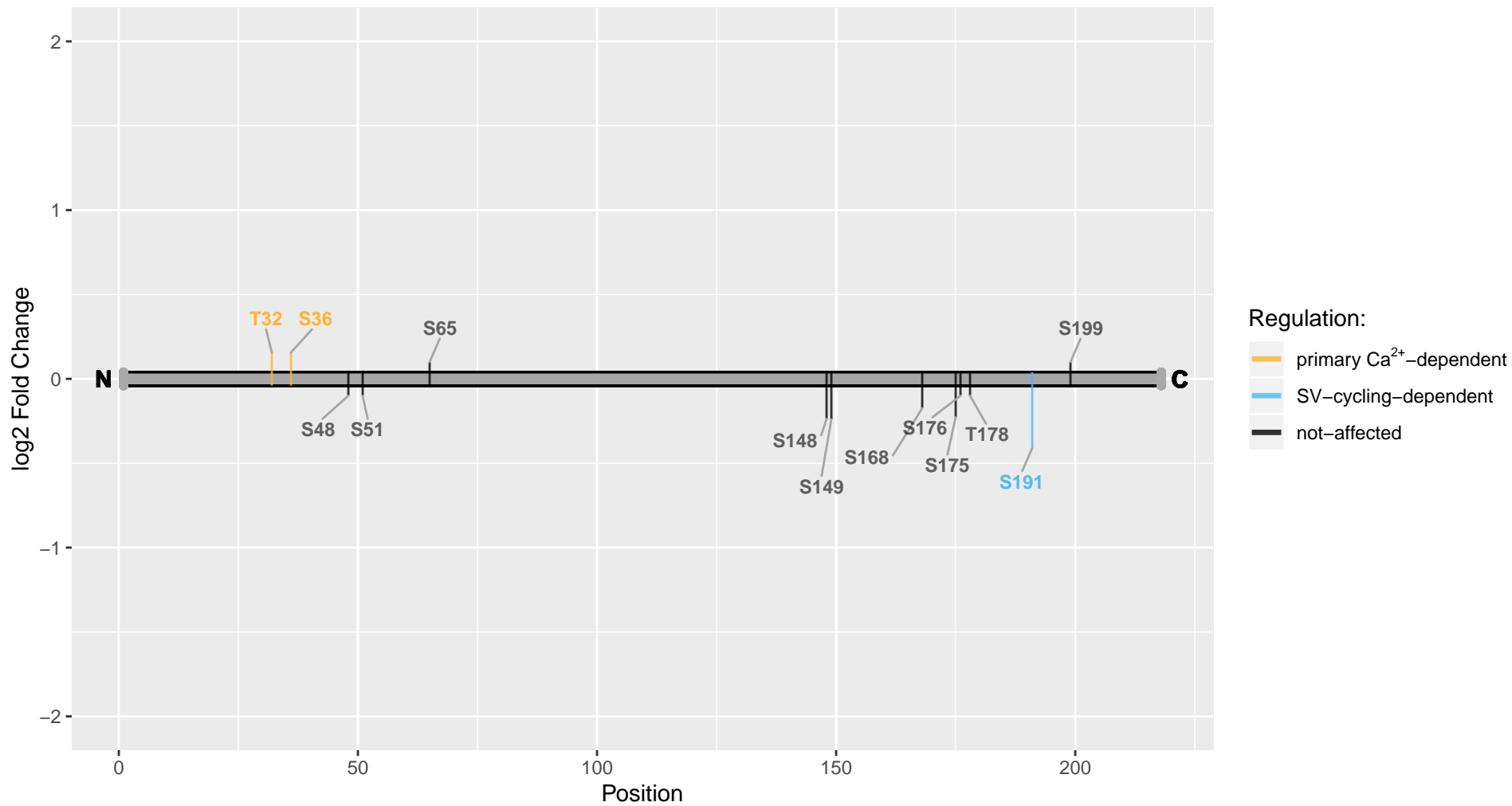
Tumor protein D54



Tppp

Uniprot Accession: A0A0G2K2D6

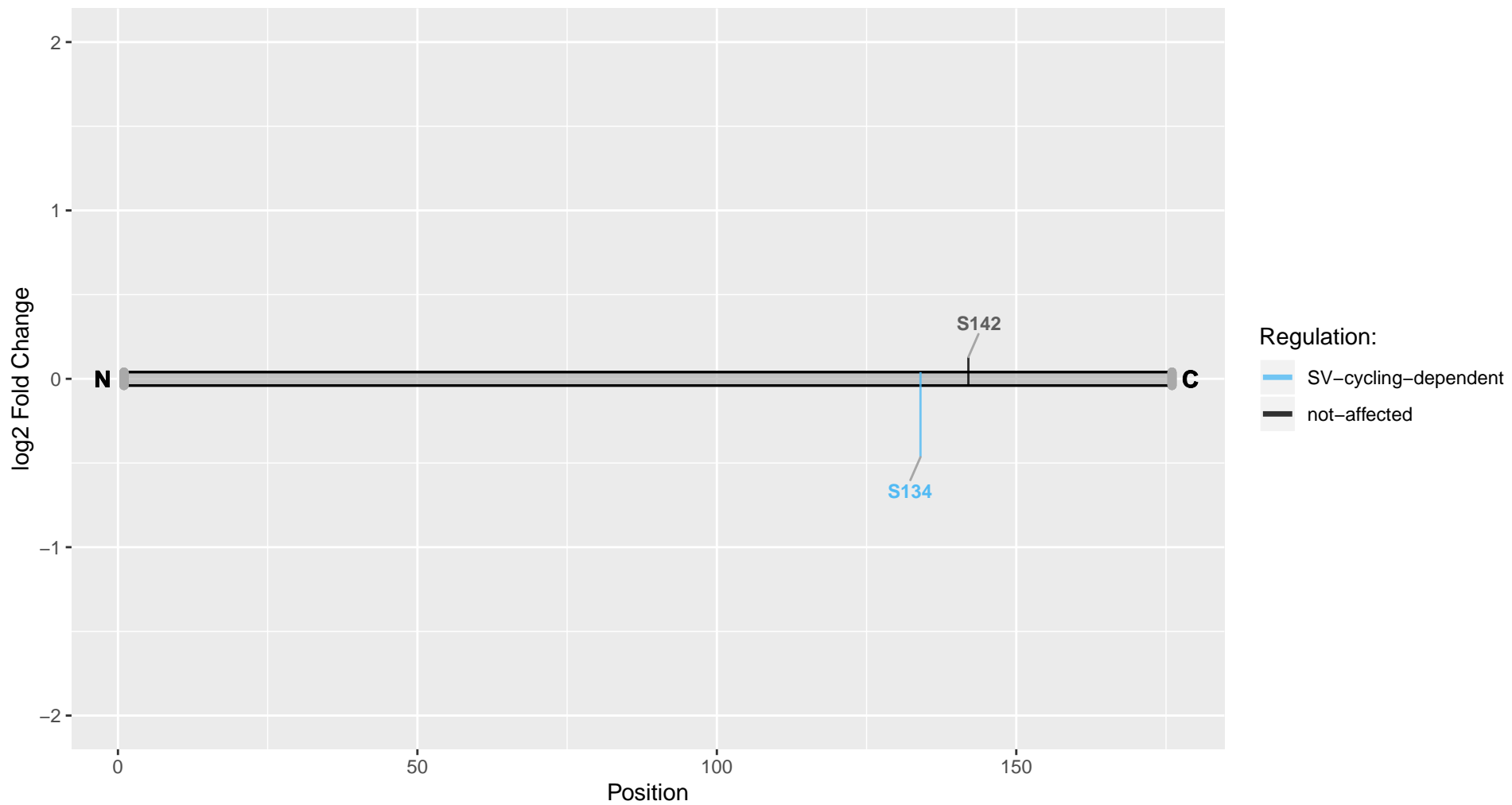
Tubulin polymerization-promoting protein



Tppp3

Uniprot Accession: Q5PPN5

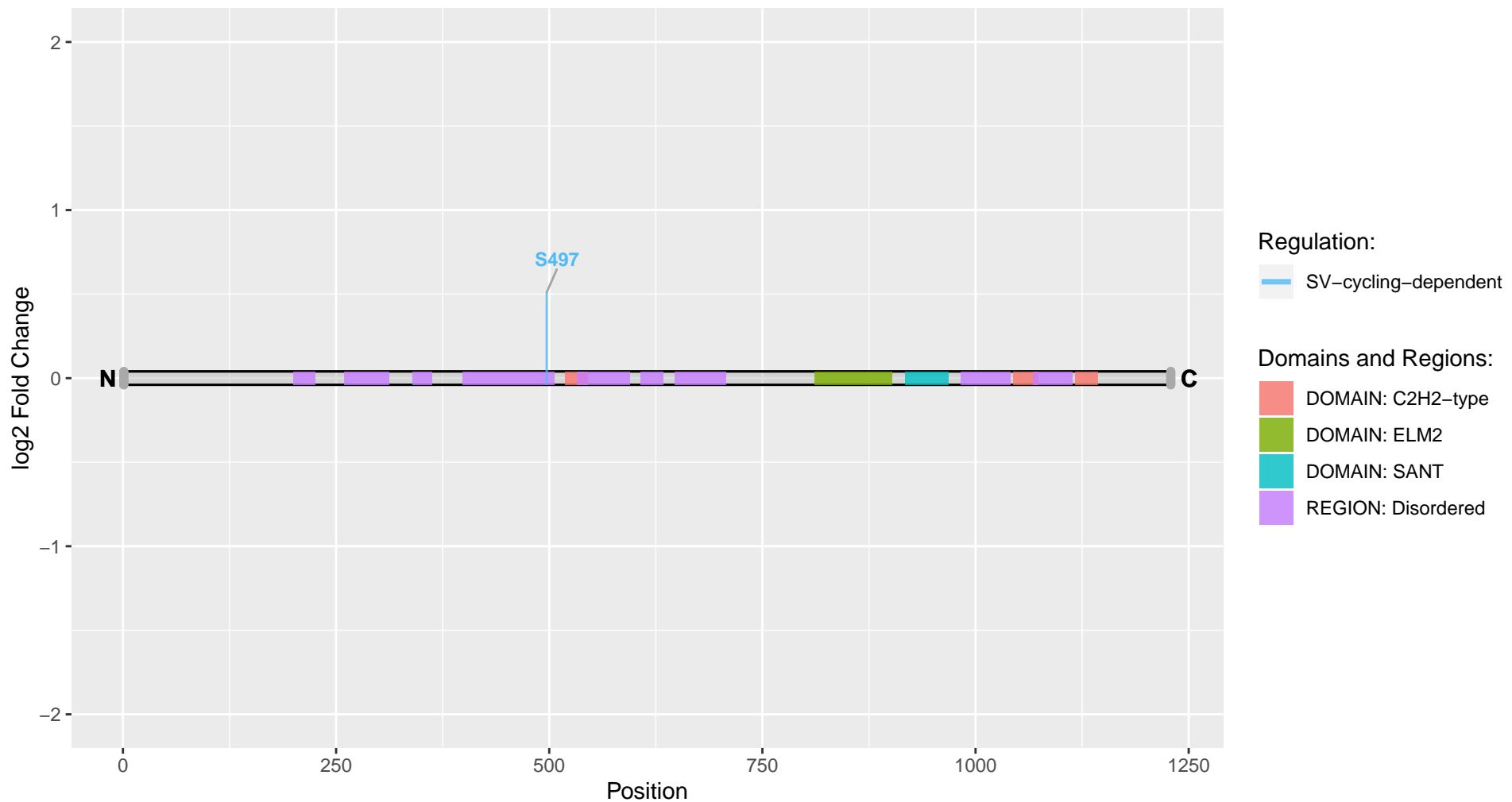
Tubulin polymerization-promoting protein family member 3



Tref1

Uniprot Accession: A0A0G2K2H9

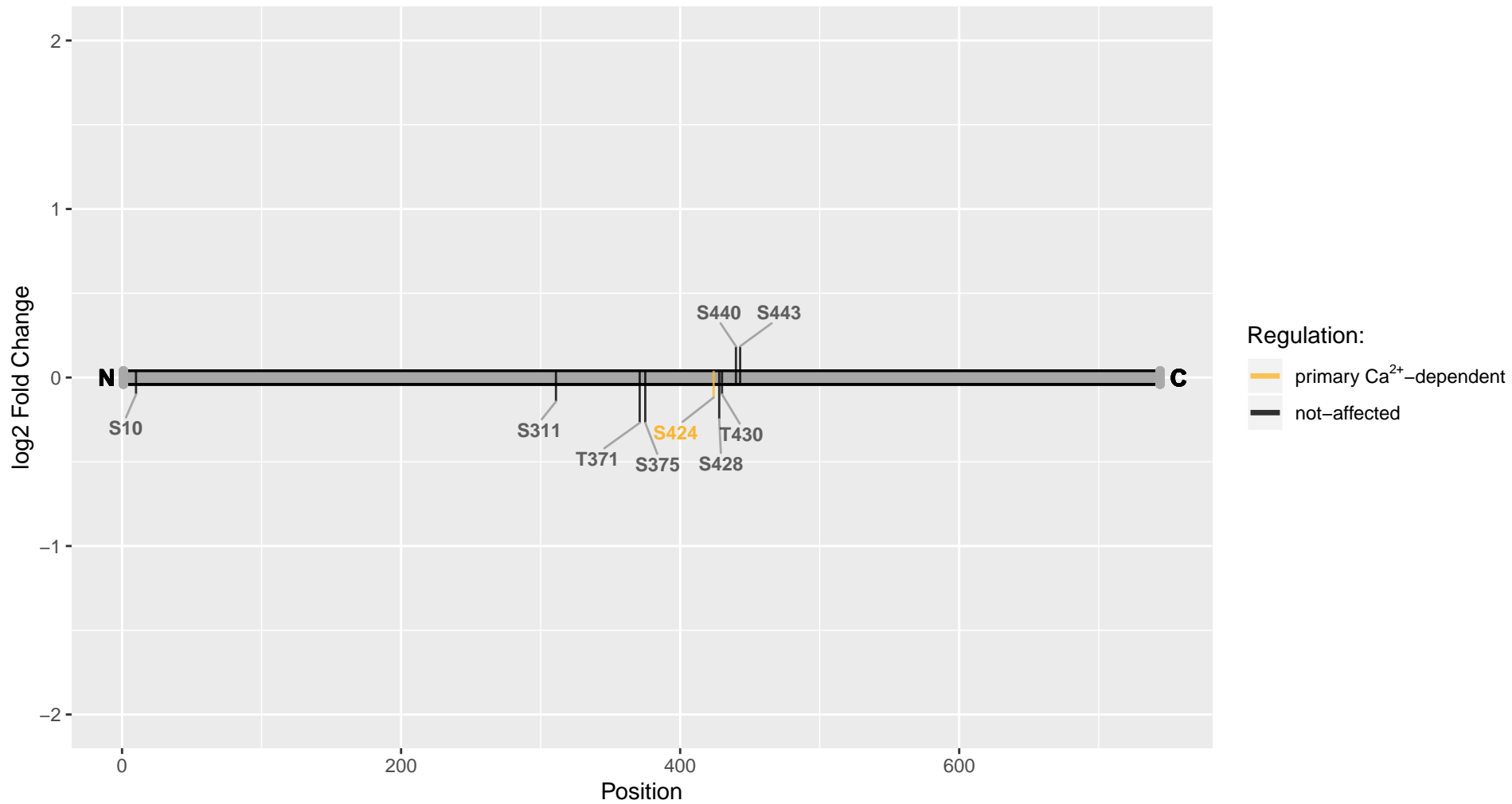
Transcriptional-regulating factor 1



Trim2

Uniprot Accession: D3ZQG6

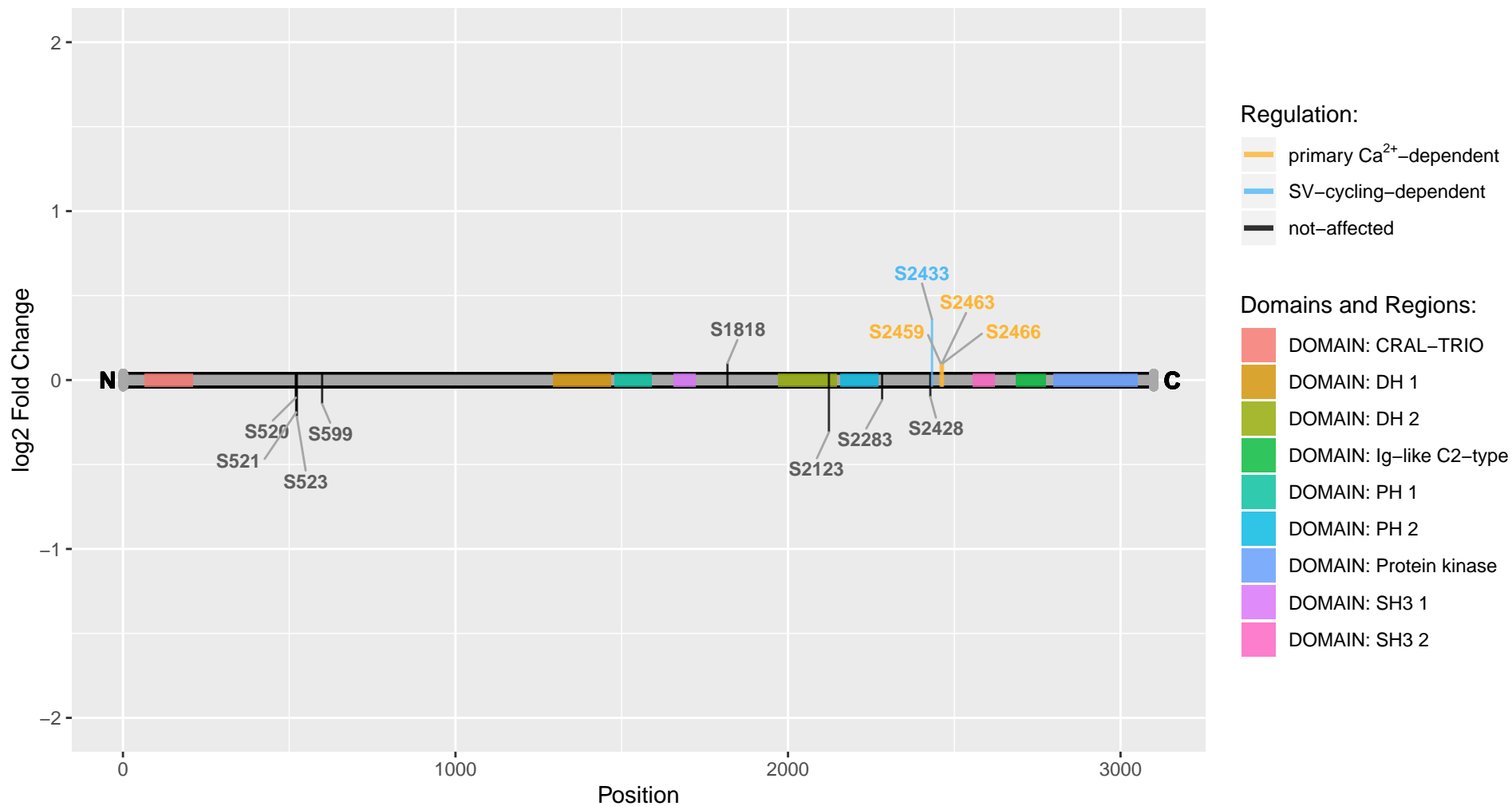
Tripartite motif-containing protein 2



Trio

Uniprot Accession: F1M0Z1

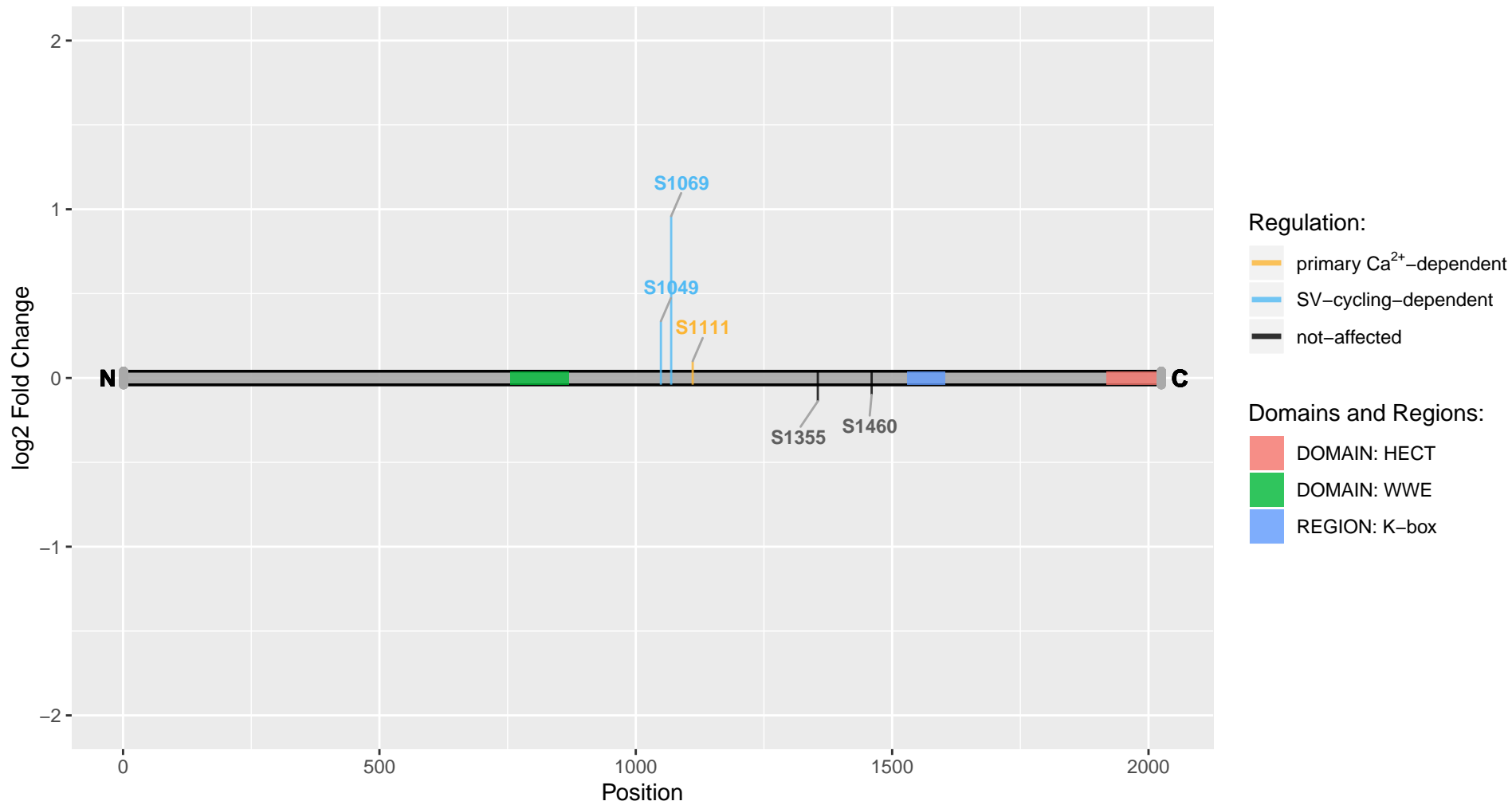
Triple functional domain protein



Trip12

Uniprot Accession: F1LP64

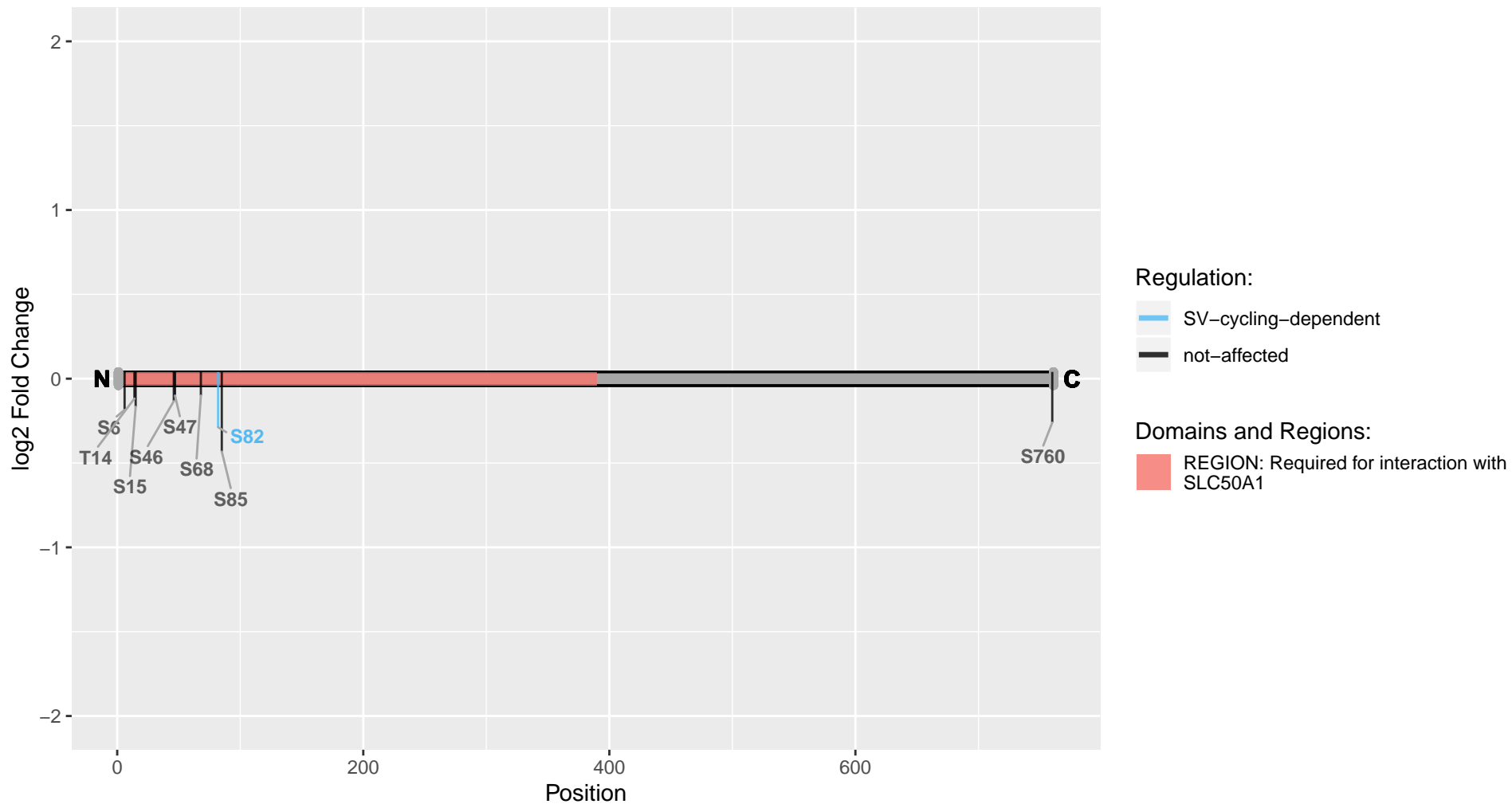
E3 ubiquitin-protein ligase TRIP12



Trpv2

Uniprot Accession: Q9WUD2

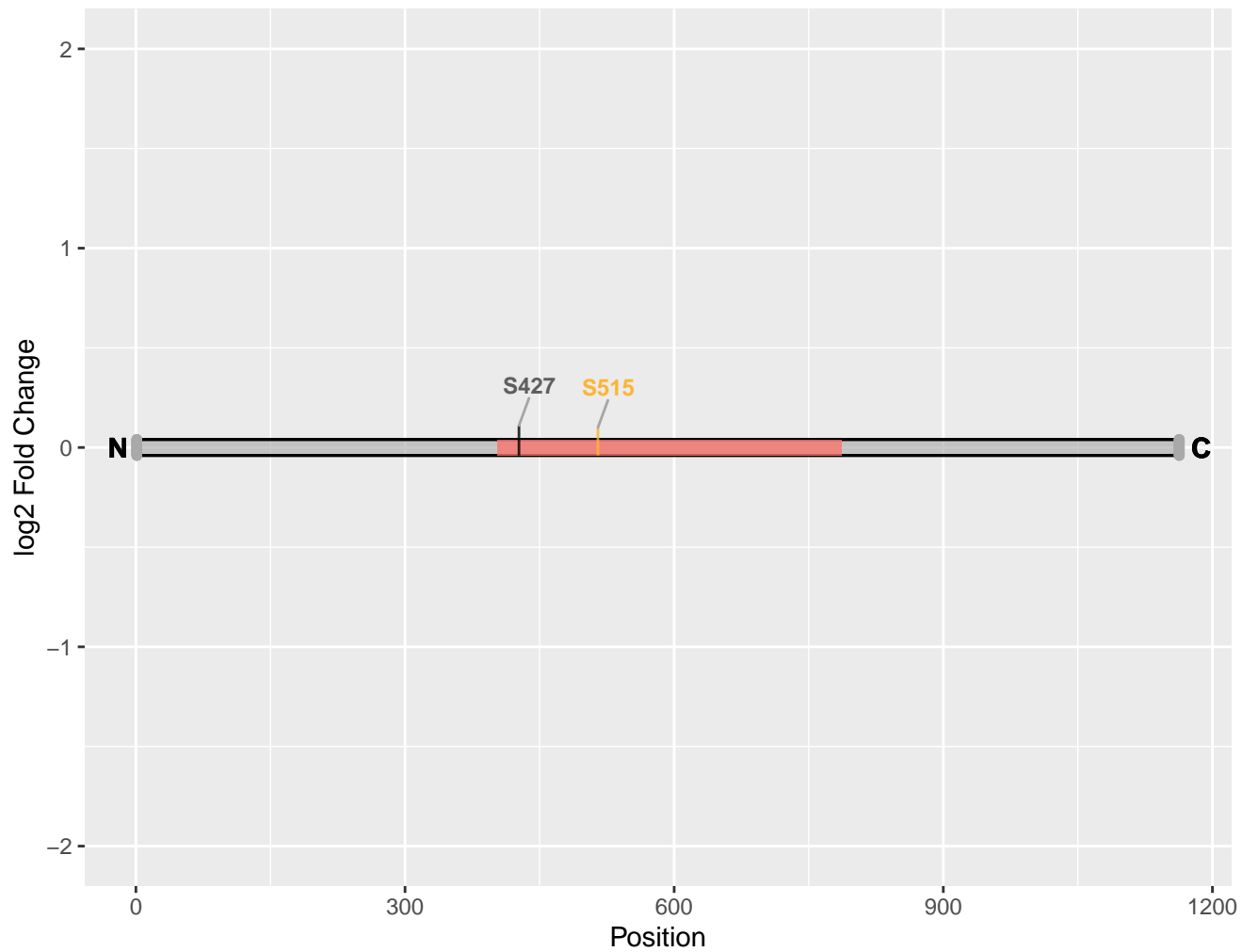
Transient receptor potential cation channel subfamily V member 2





Tsc1

Uniprot Accession: Q9Z136


Hamartin



Regulation:

-  primary Ca²⁺-dependent
-  not-affected

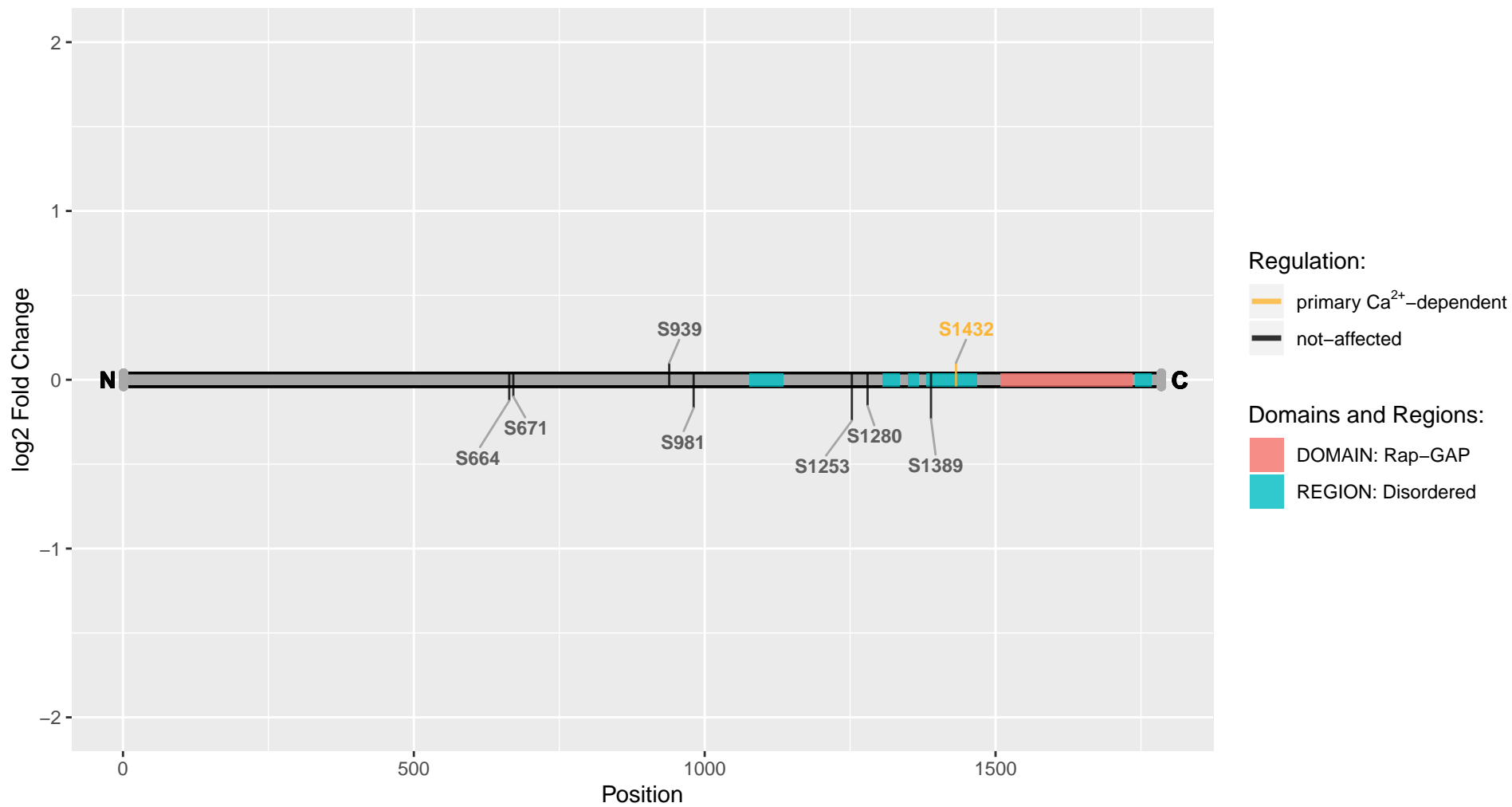
Domains and Regions:

-  REGION: Mediates interaction with WDR45B

Tsc2

Uniprot Accession: D3ZLW4

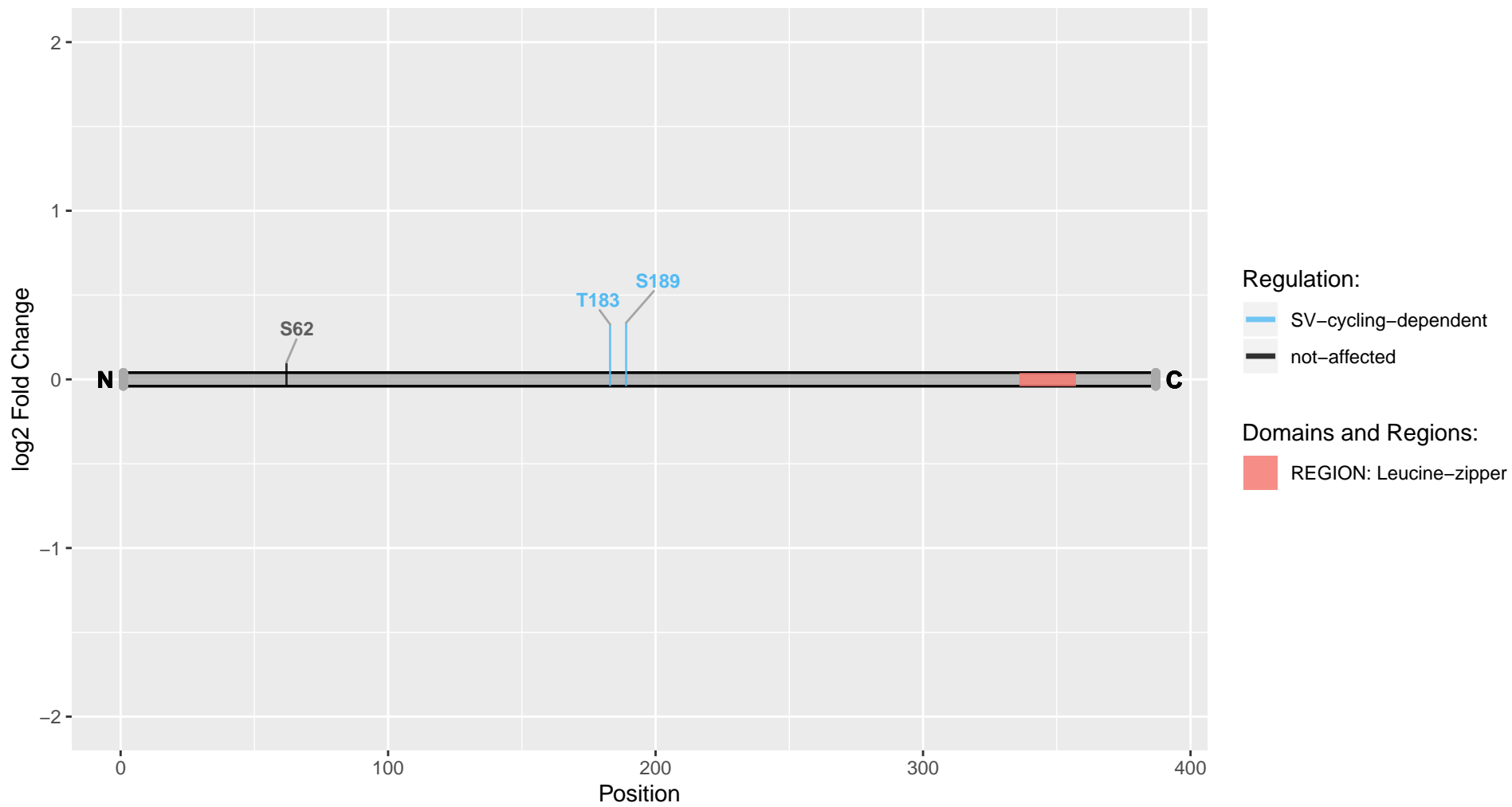
Tuberin



Tsc22d4

Uniprot Accession: Q3B8N7

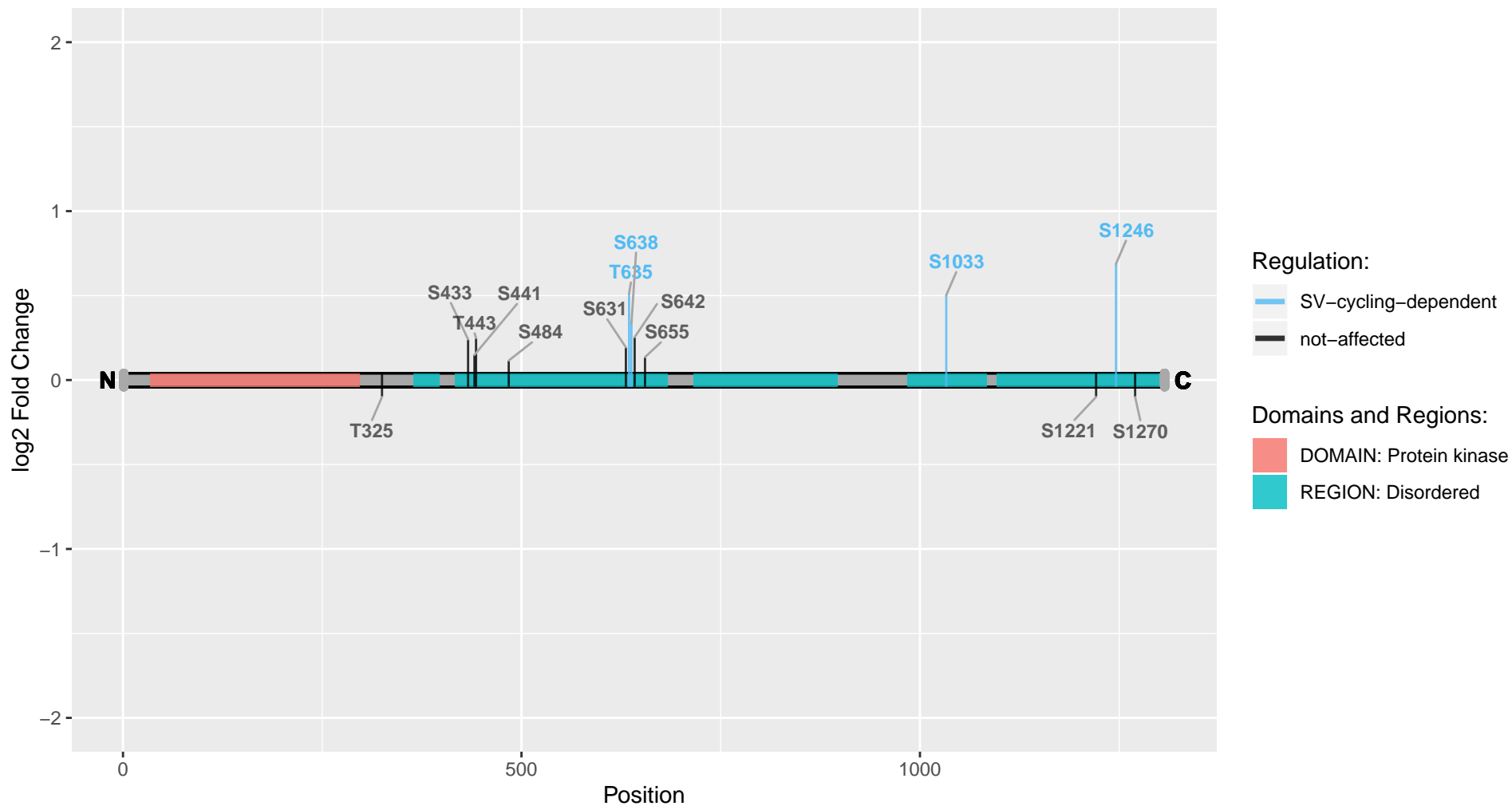
TSC22 domain family protein 4



Ttbk1

Uniprot Accession: D3ZAU7

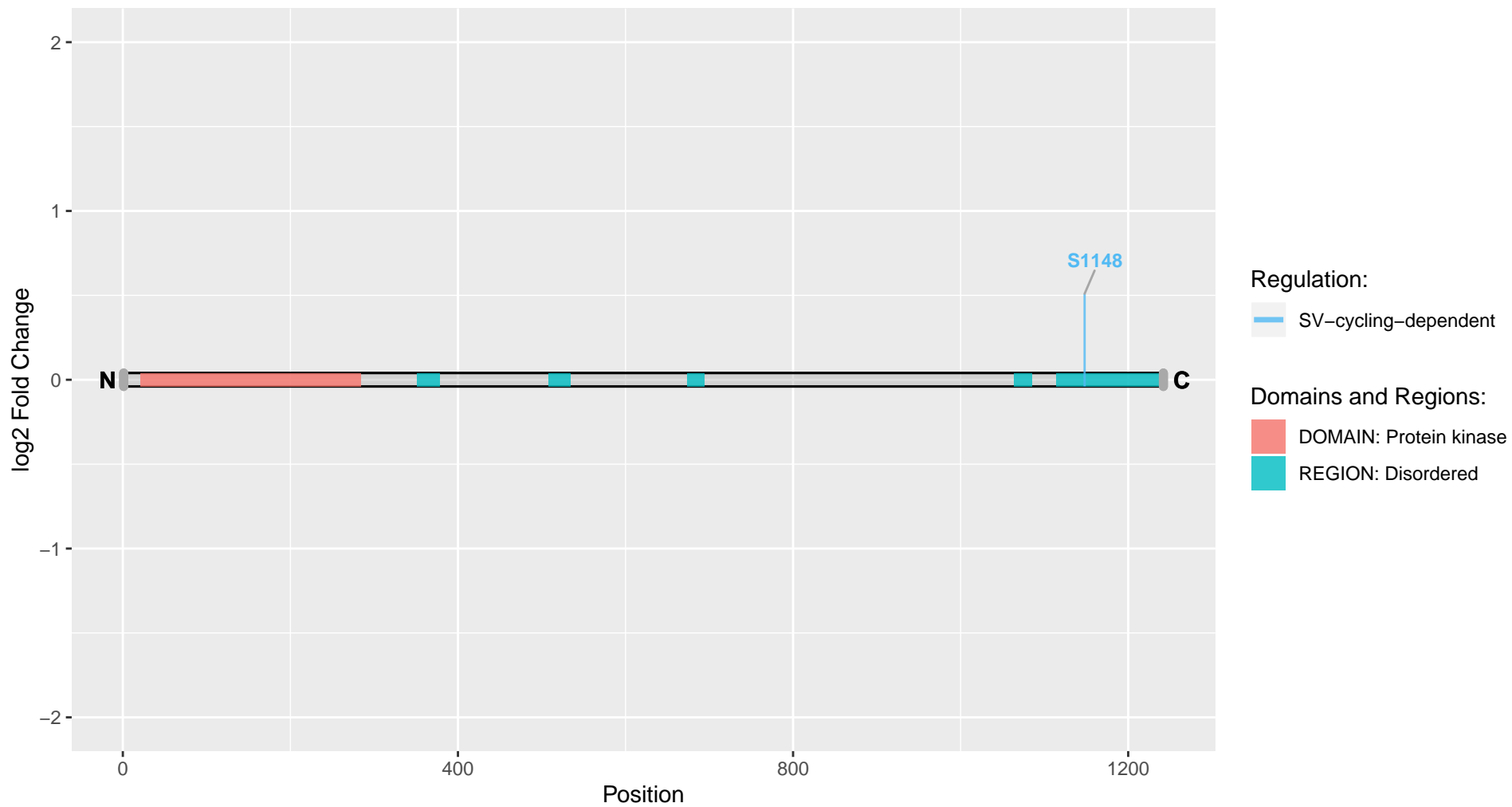
Tau tubulin kinase 1



Ttbk2

Uniprot Accession: A0A0G2JYZ1

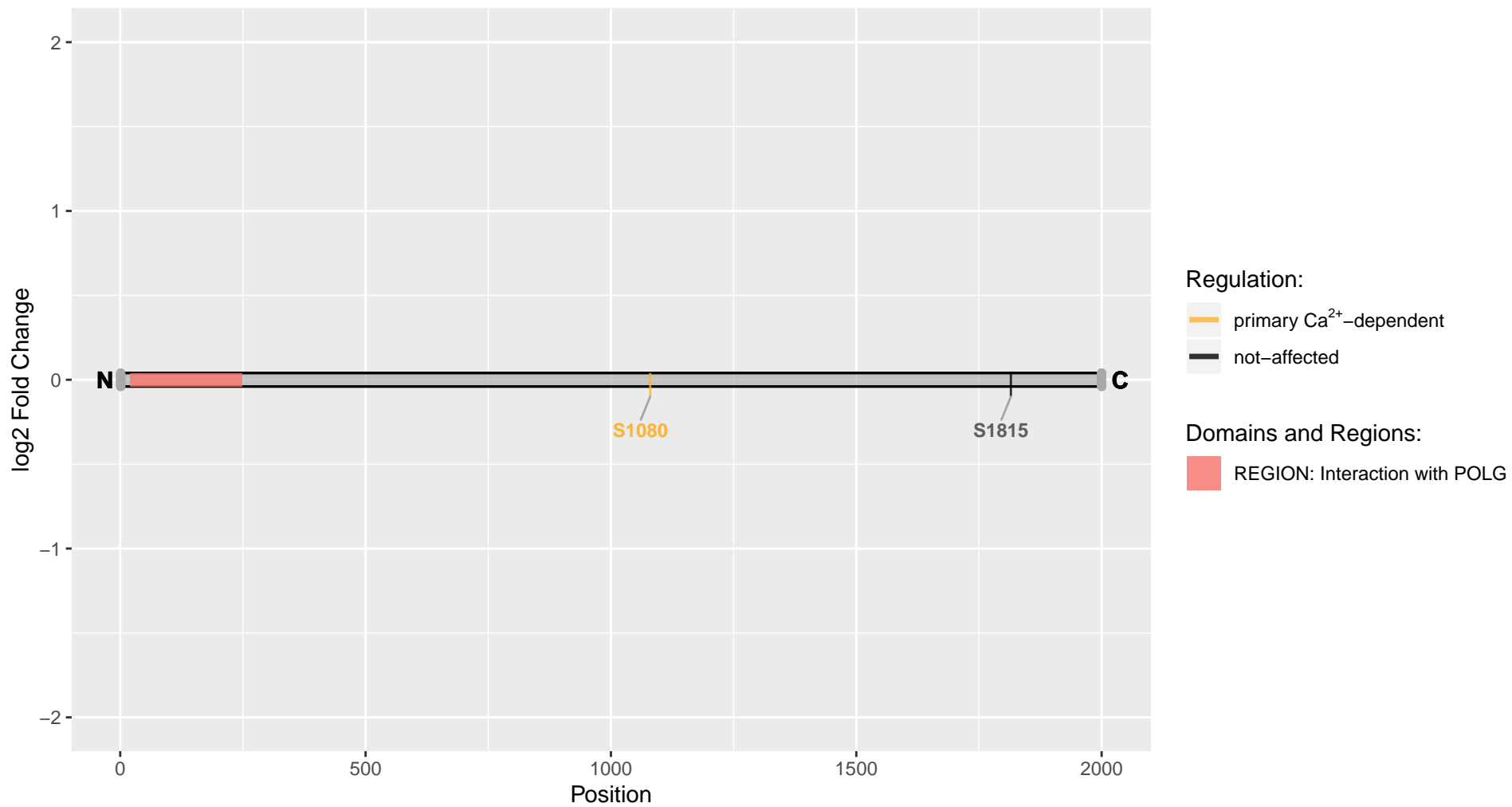
Tau tubulin kinase 2



Ttc3

Uniprot Accession: D3ZSP7

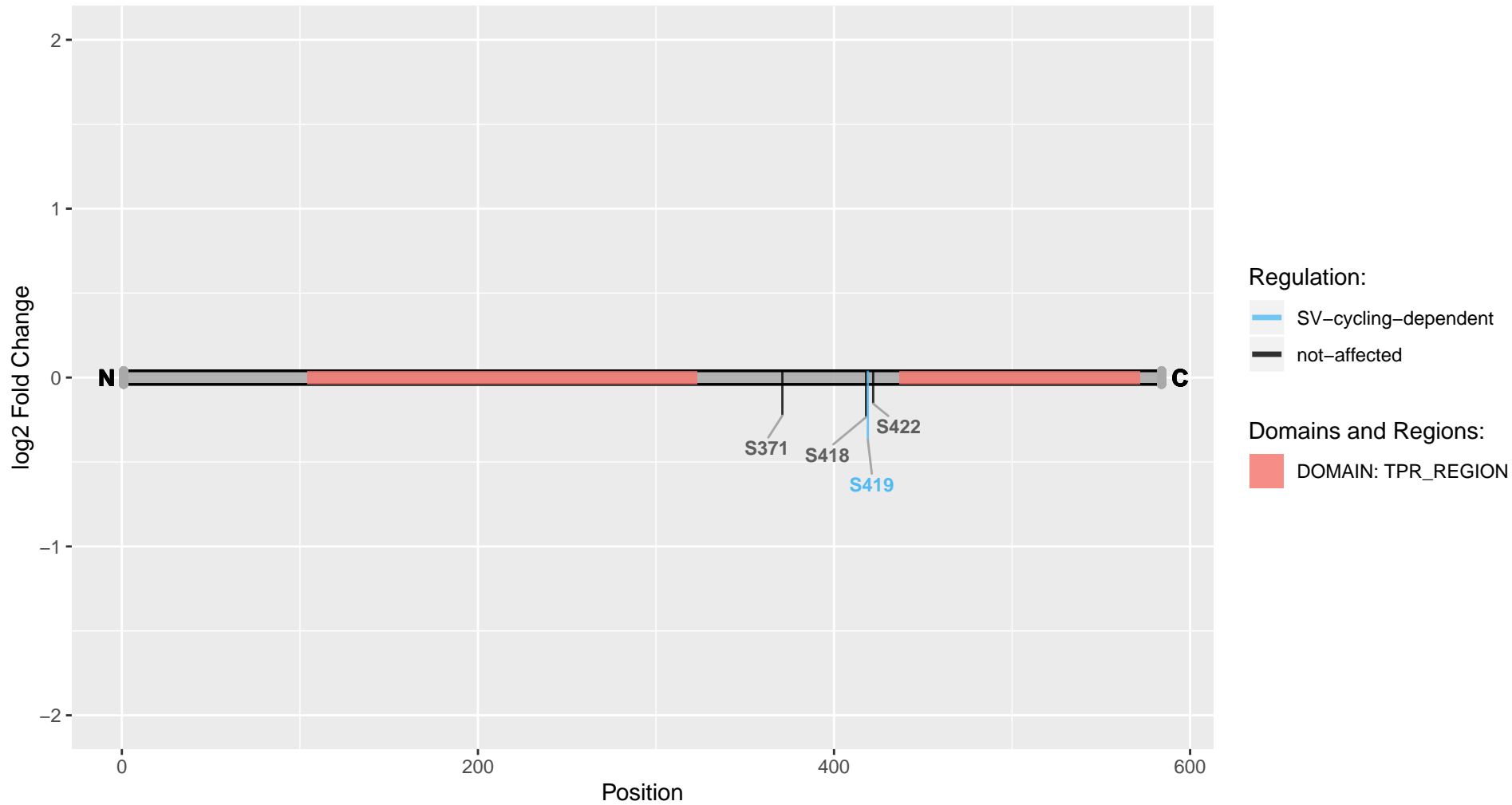
Tetratricopeptide repeat domain 3



Ttc7b

Uniprot Accession: A0A0G2JXJ6

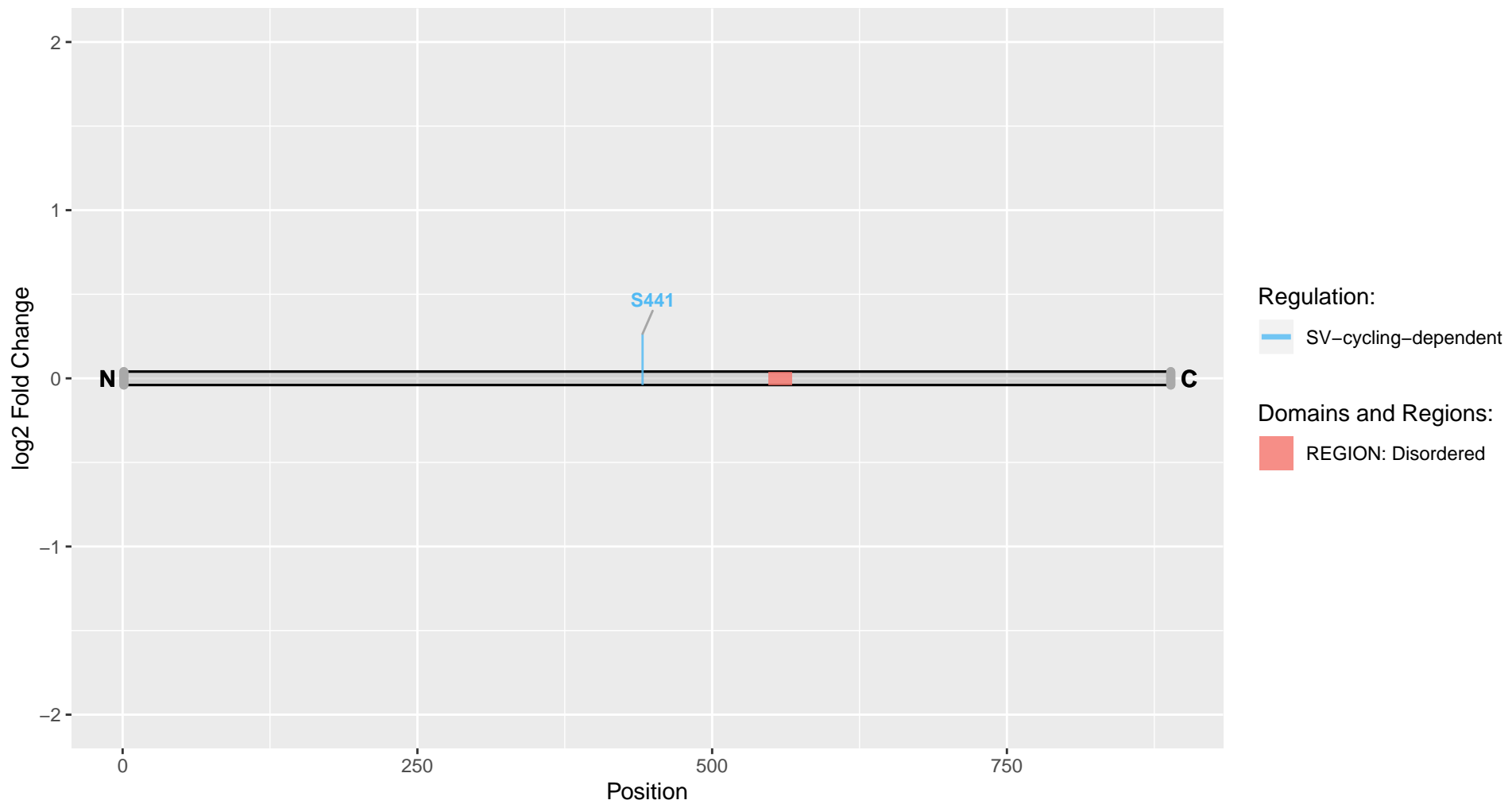
Tetratricopeptide repeat domain 7B



Ttll7

Uniprot Accession: D4ACG4

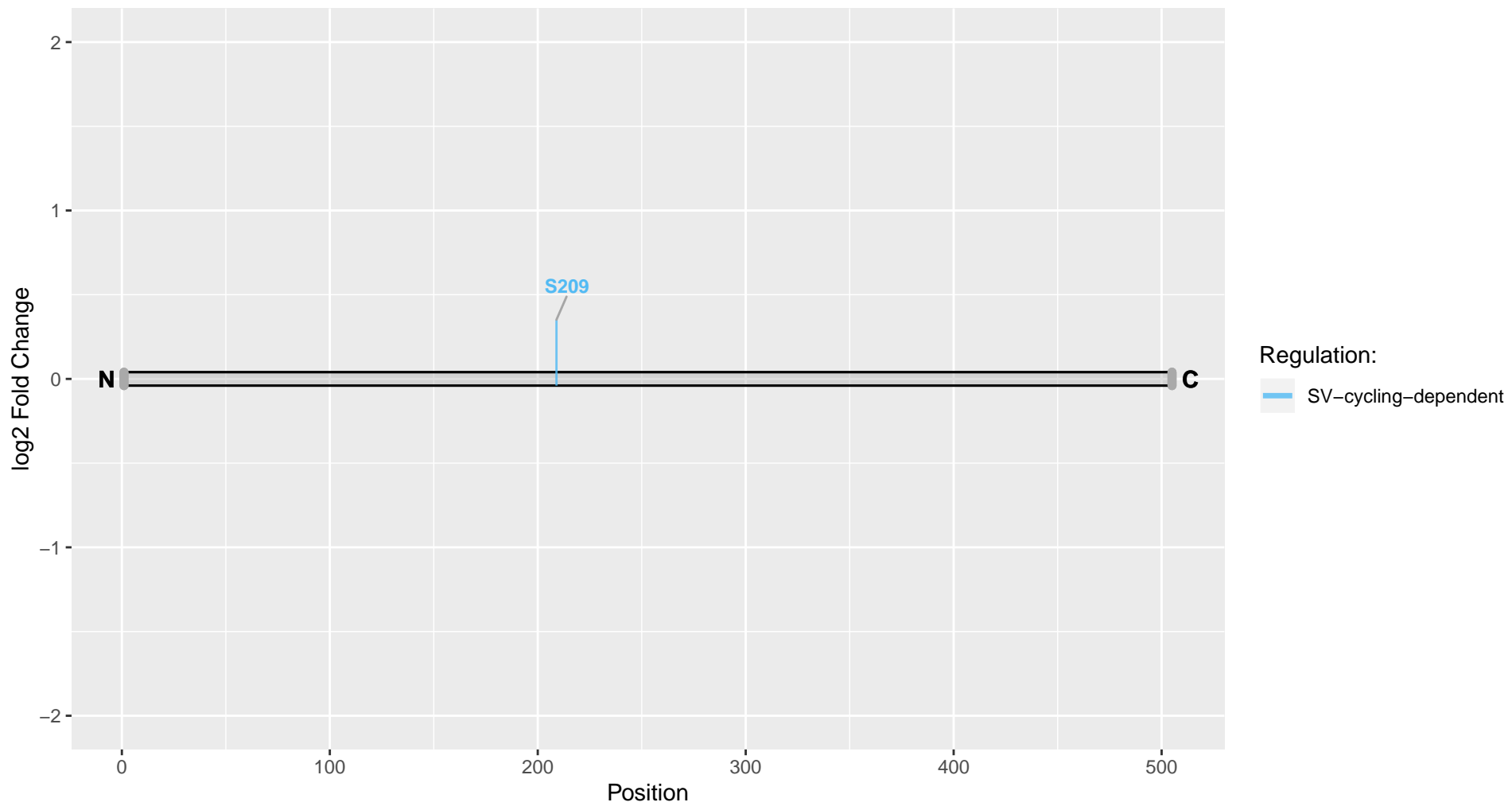
Tubulin tyrosine ligase-like family, member 7



Tub

Uniprot Accession: O88808

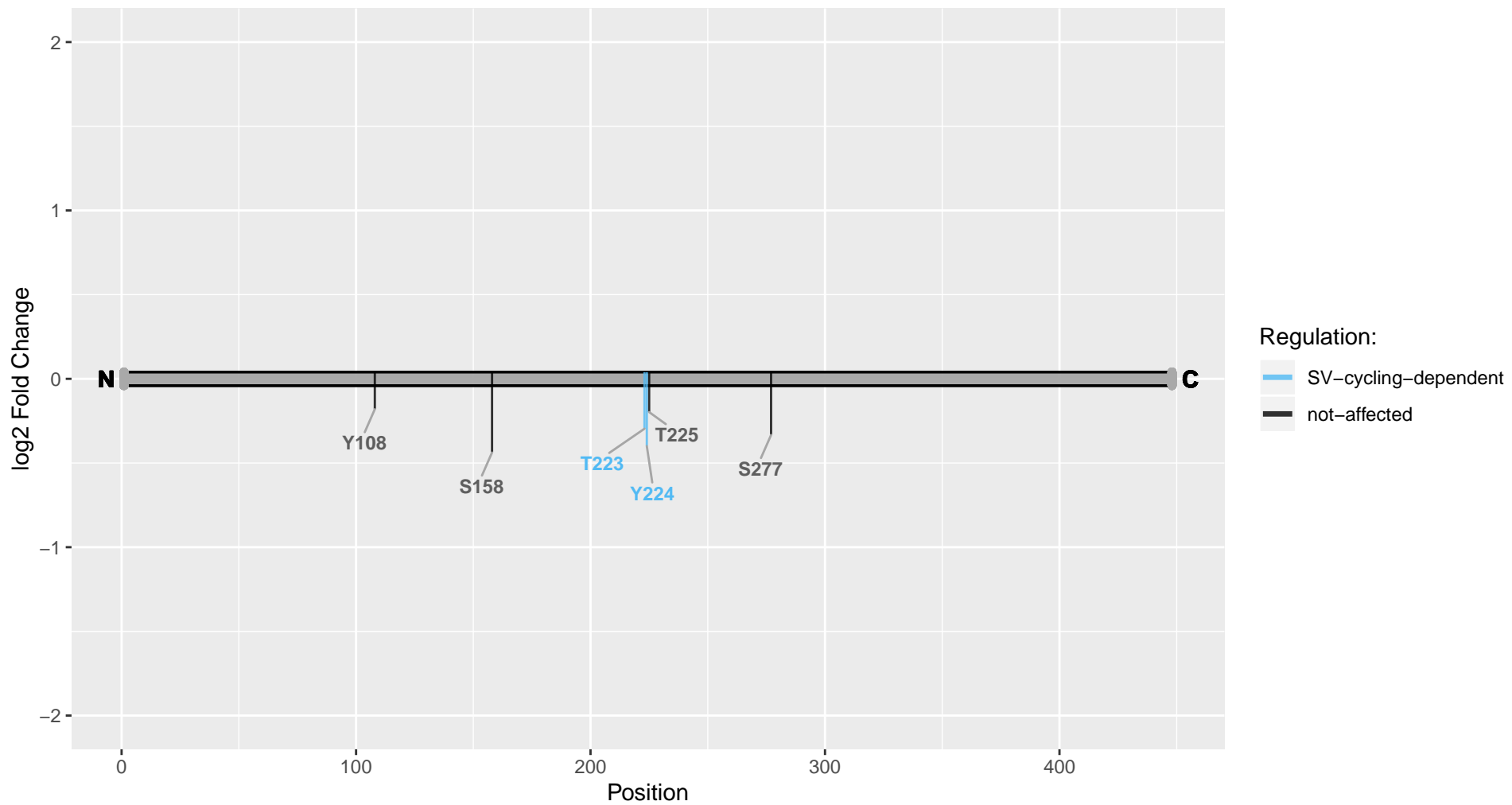
Tubby protein homolog



Tuba4a

Uniprot Accession: Q5XIF6

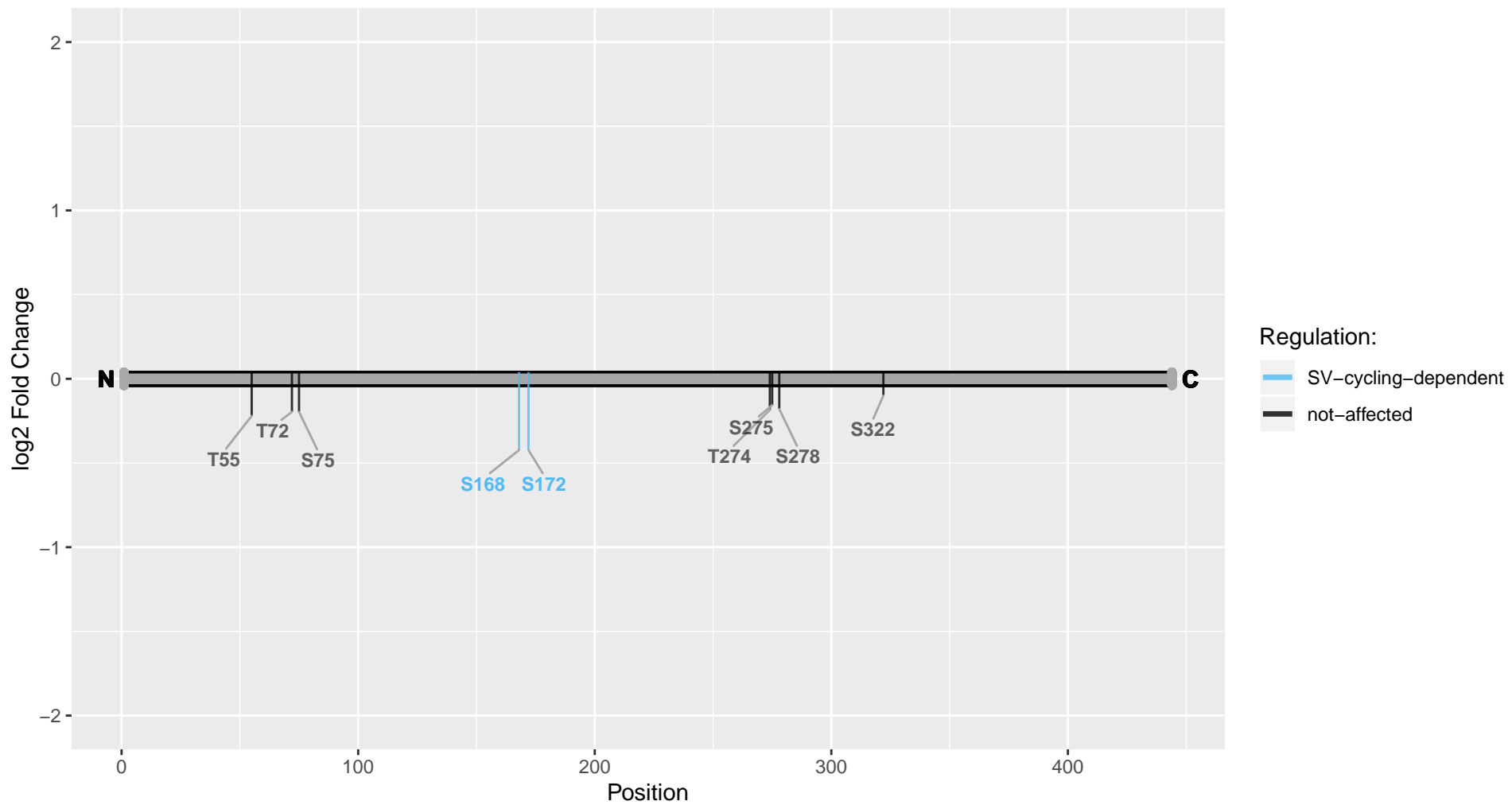
Tubulin alpha-4A chain



Tubb5

Uniprot Accession: P69897

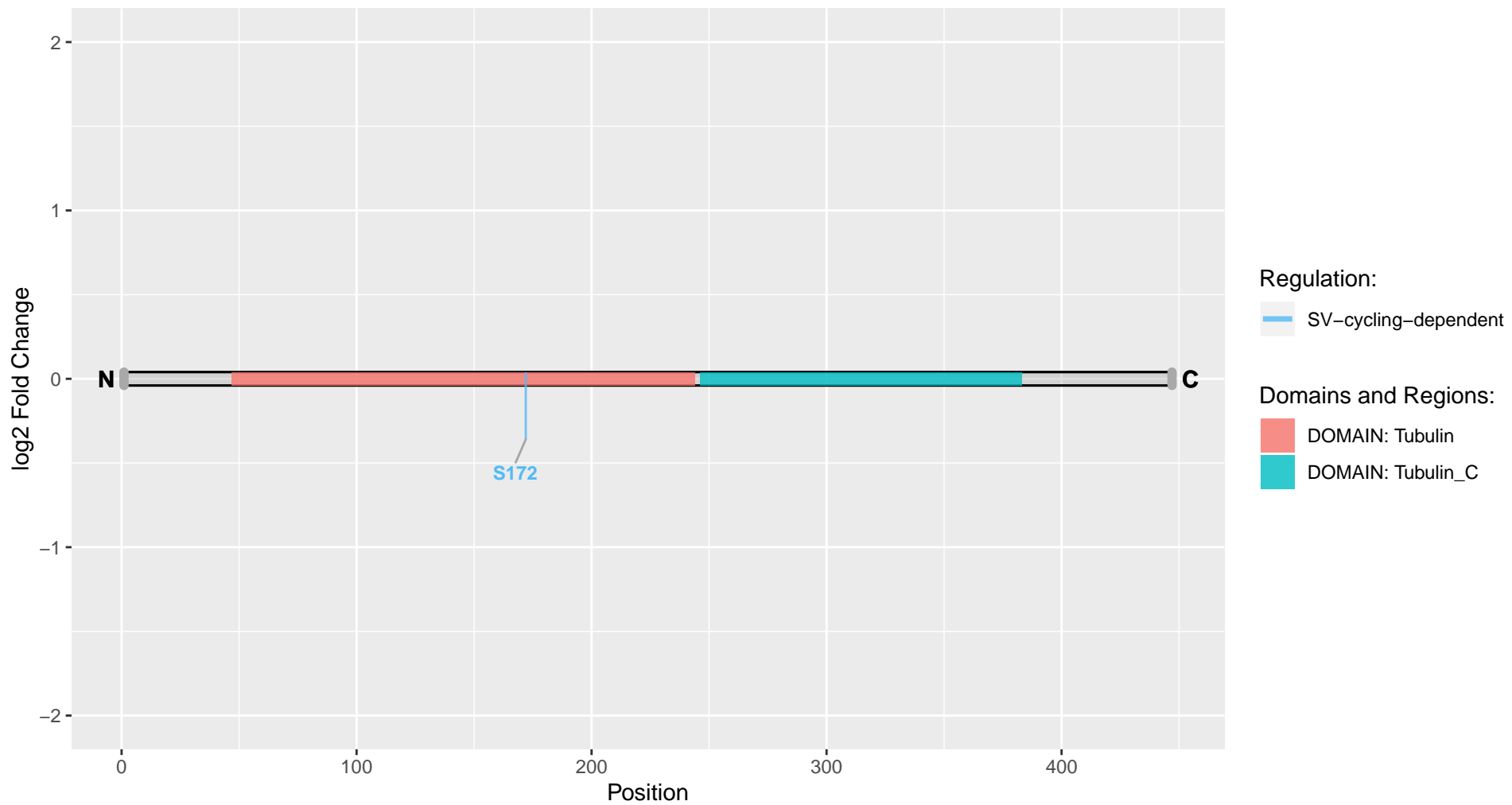
Tubulin beta-5 chain



Tubb6

Uniprot Accession: Q4QQV0

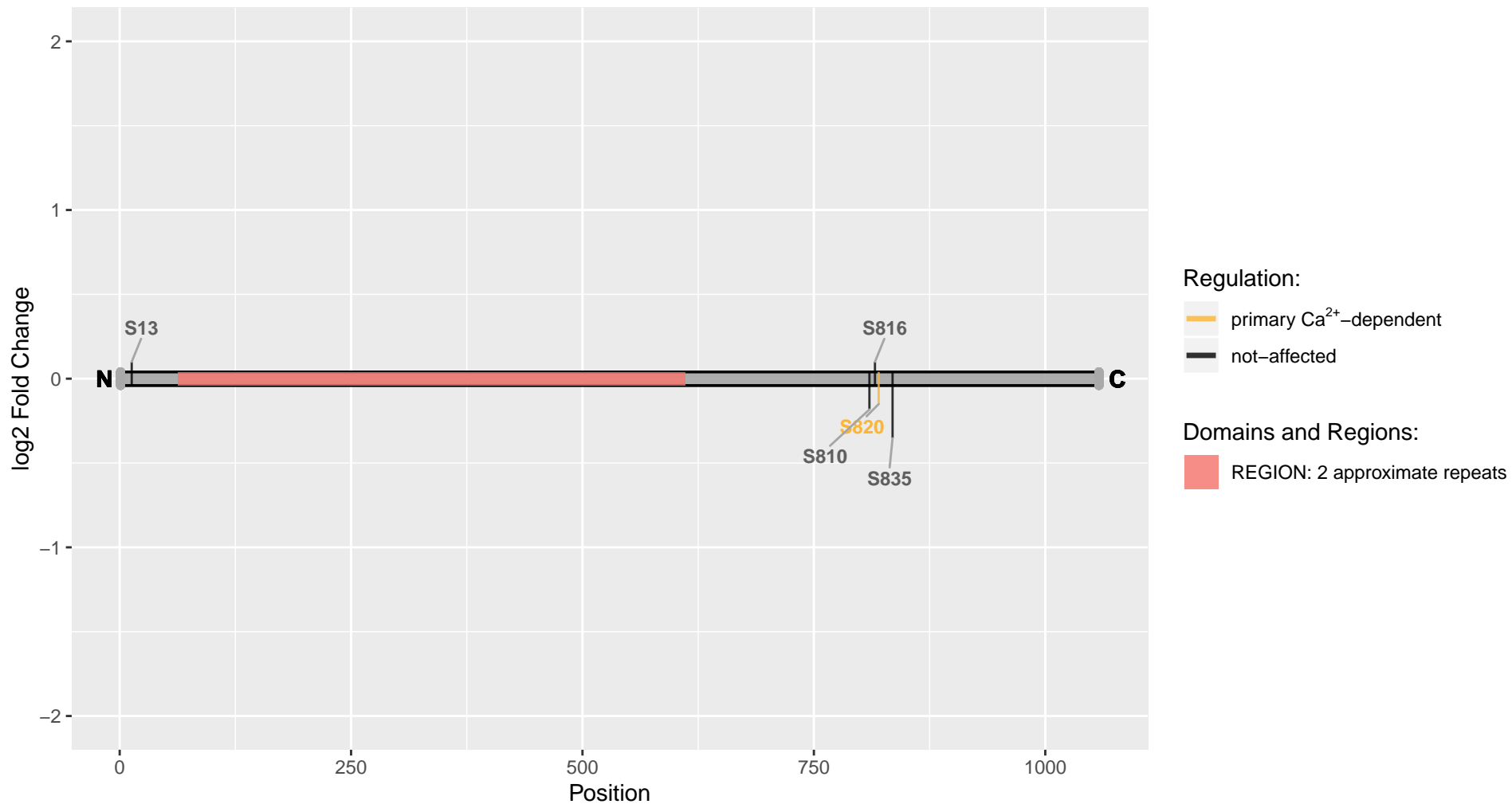
Tubulin beta chain



Uba1

Uniprot Accession: Q5U300

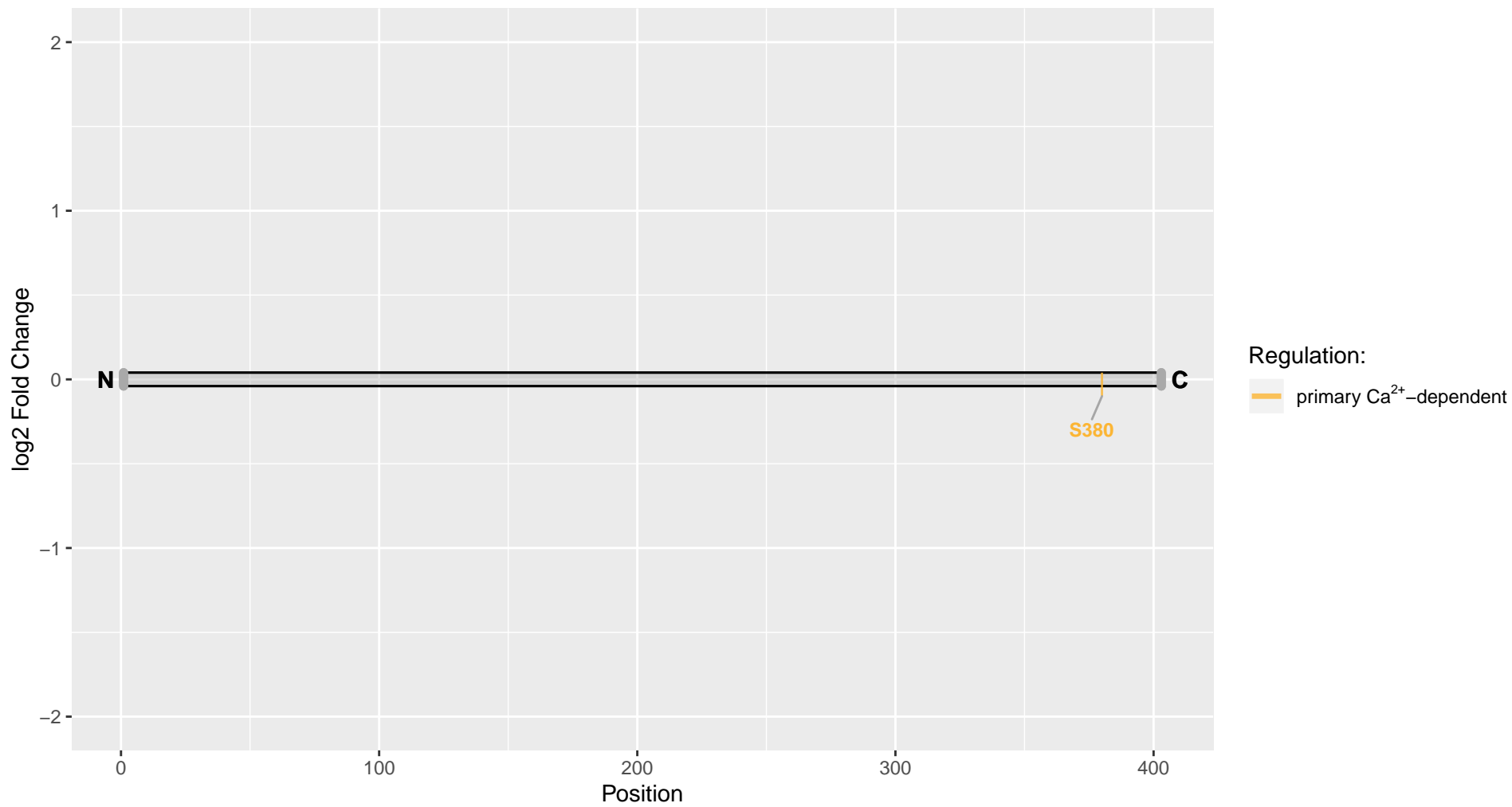
Ubiquitin-like modifier-activating enzyme 1



Uba5

Uniprot Accession: Q5M7A4

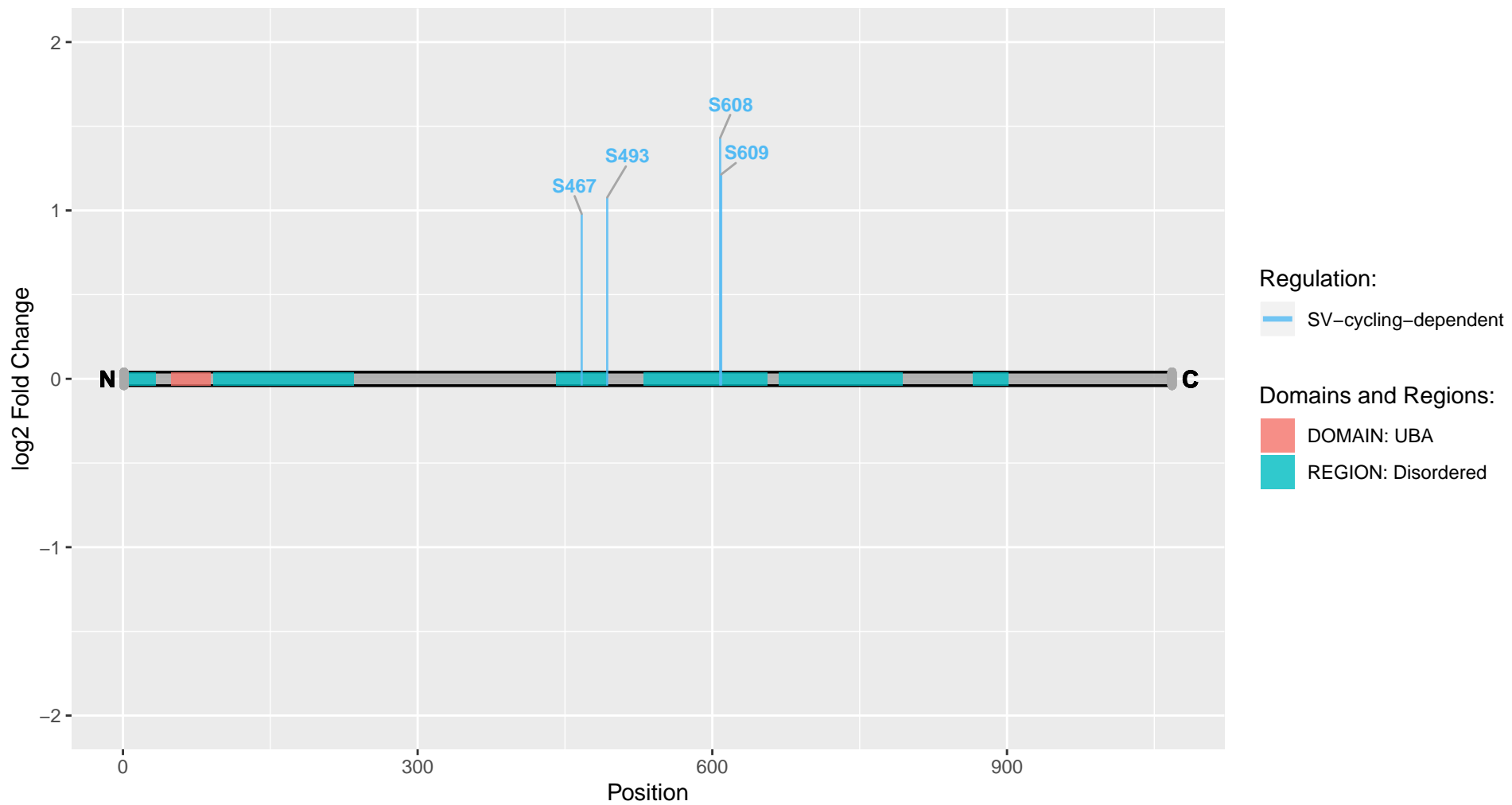
Ubiquitin-like modifier-activating enzyme 5



Ubap2l

Uniprot Accession: A0A0G2JYC6

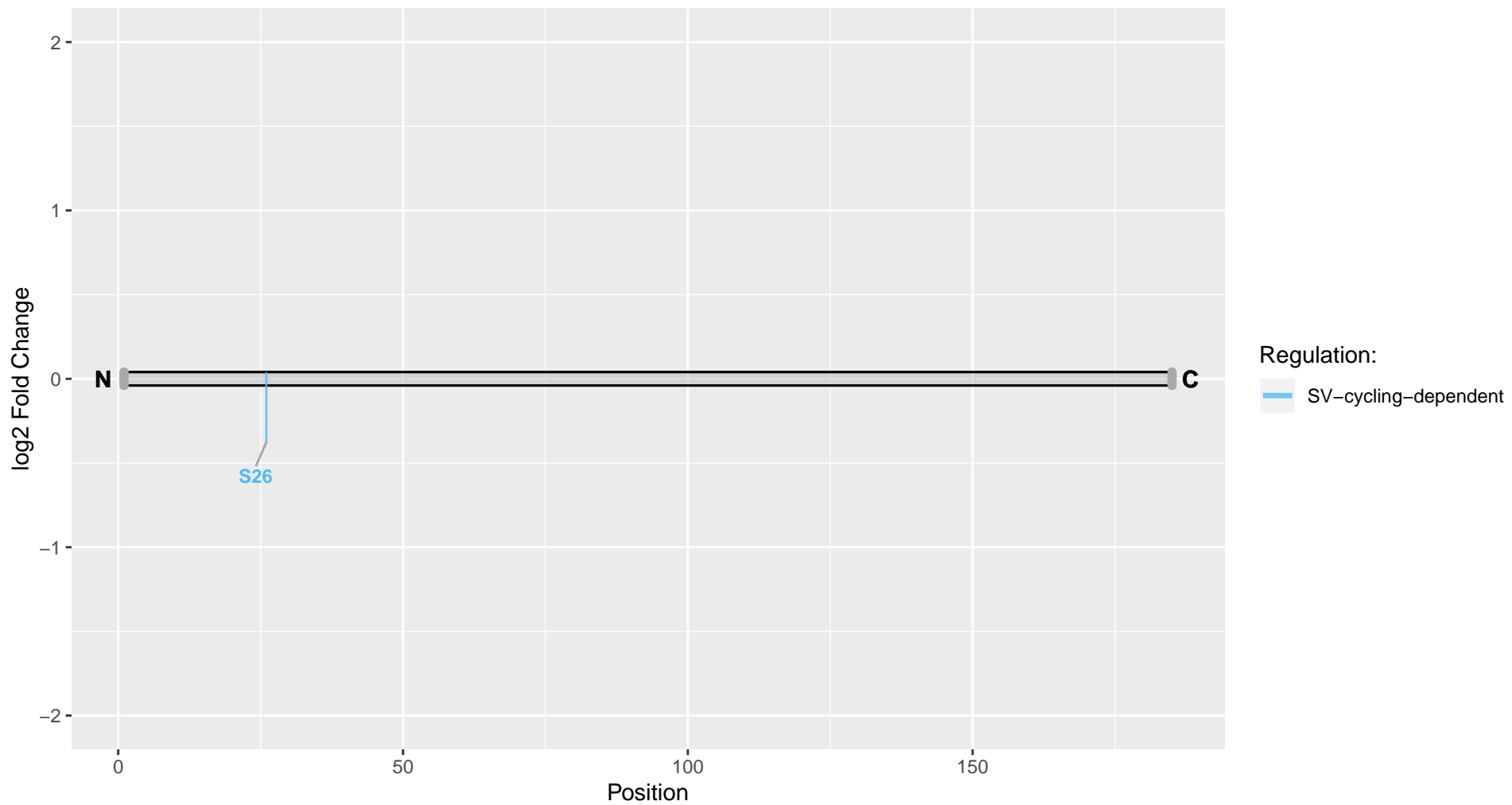
RCG62582, isoform CRA_c



Ube2f

Uniprot Accession: Q5U203

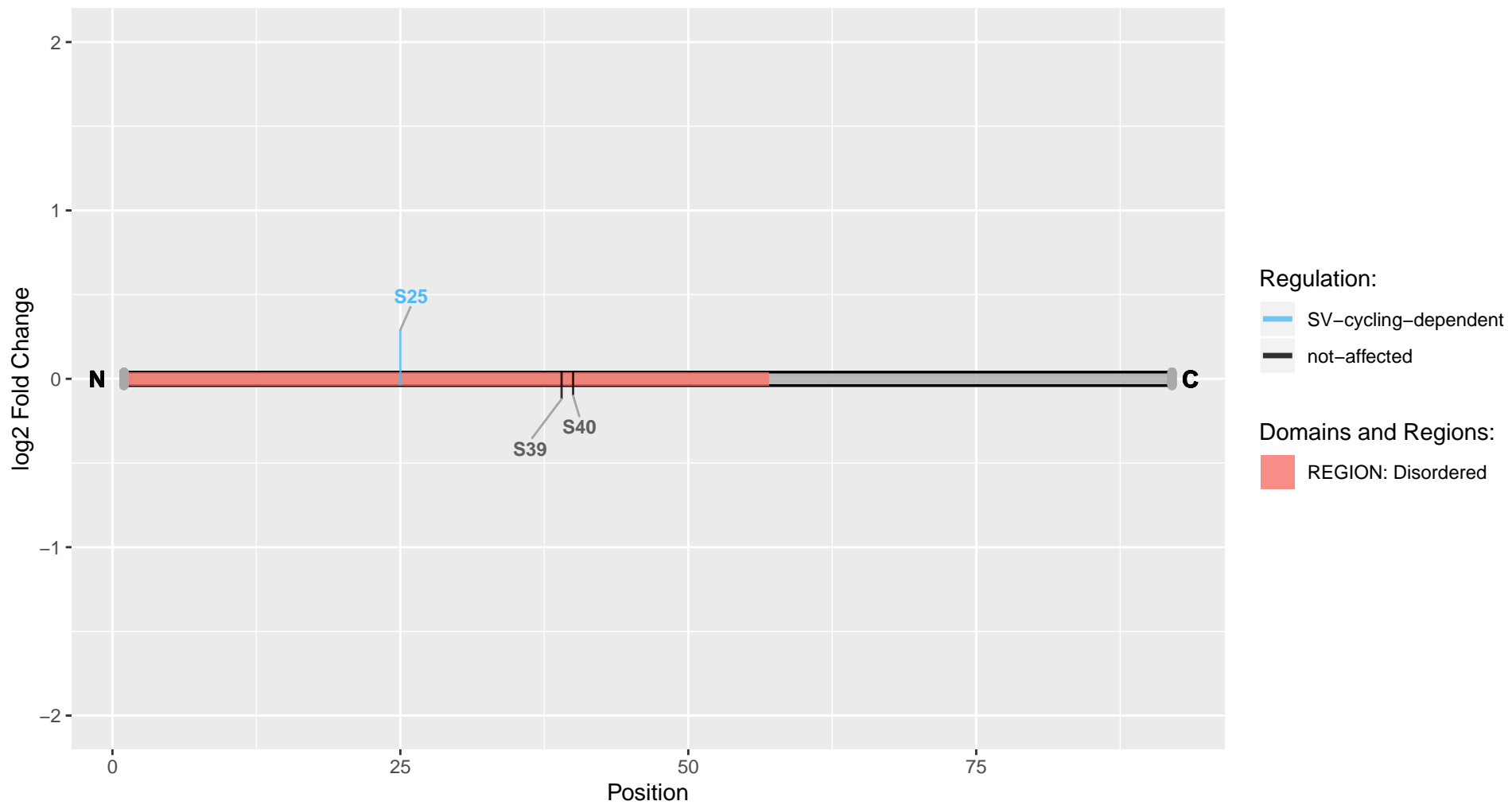
NEDD8-conjugating enzyme UBE2F



Ube2j1

Uniprot Accession: A0A096MJH0

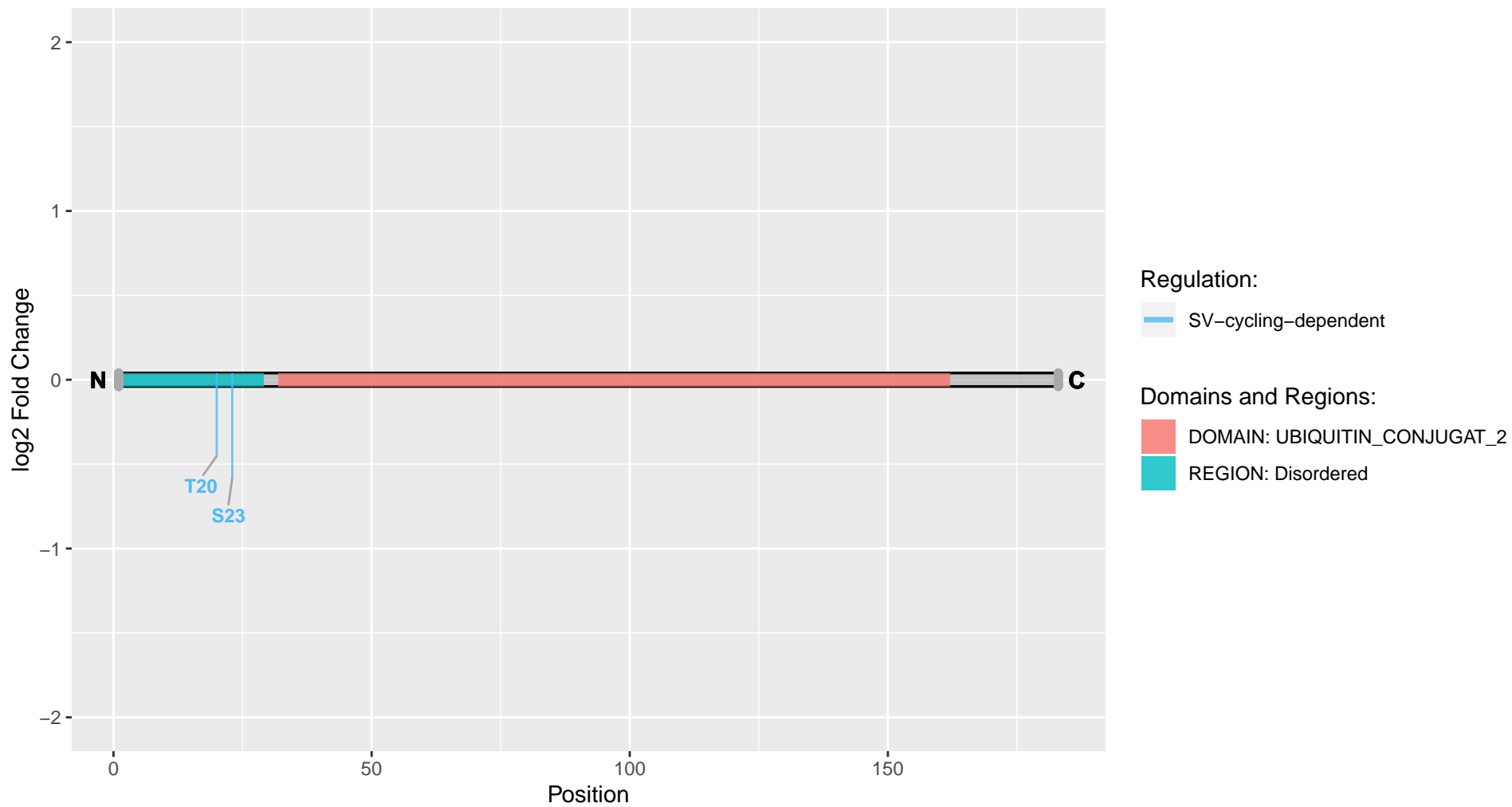
Ubiquitin-conjugating enzyme E2, J1 (Fragment)



Ube2m

Uniprot Accession: D3ZLNQ6

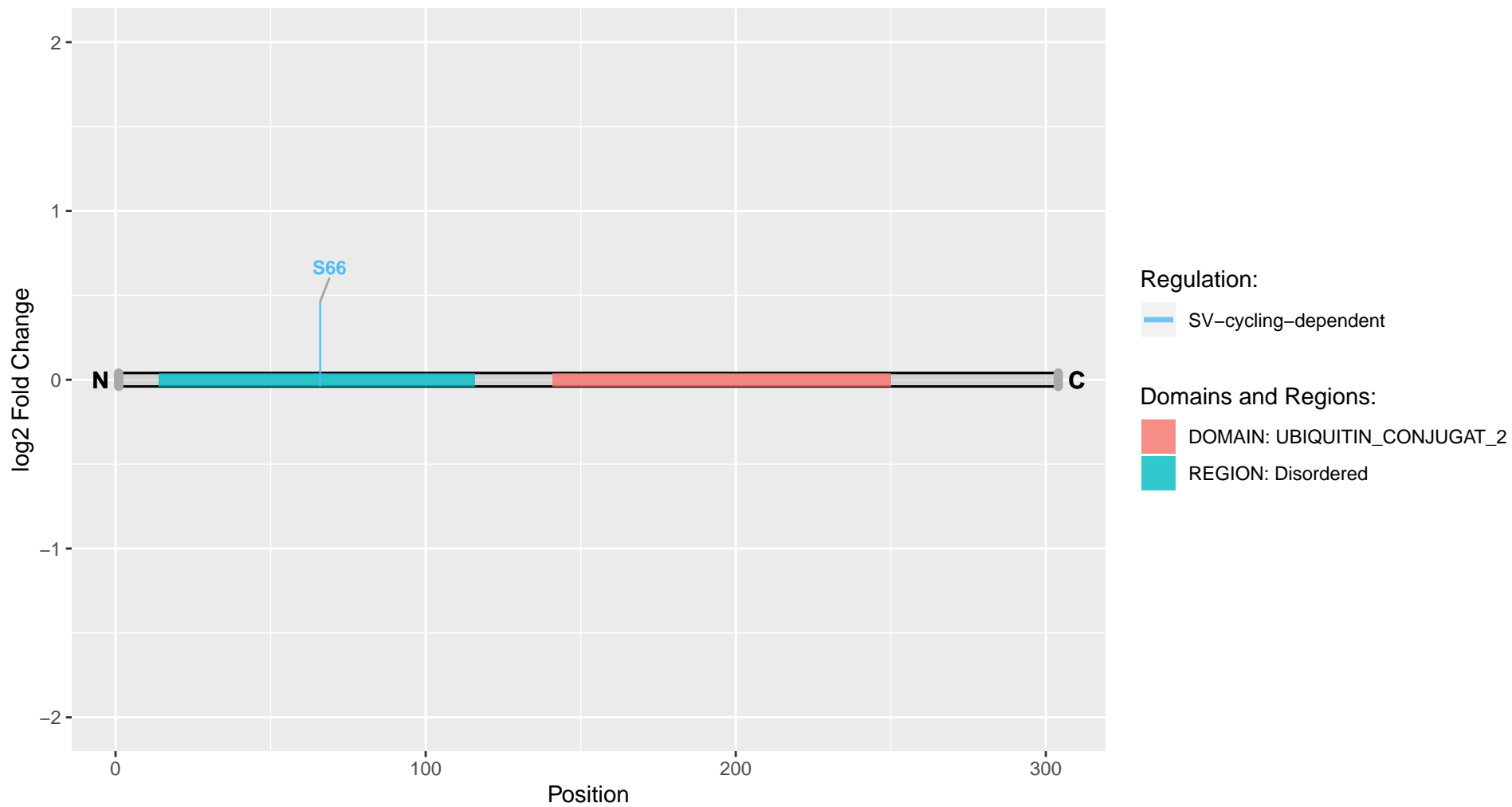
Ubiquitin-conjugating enzyme E2M



Ube2ql1

Uniprot Accession: D3ZXV0

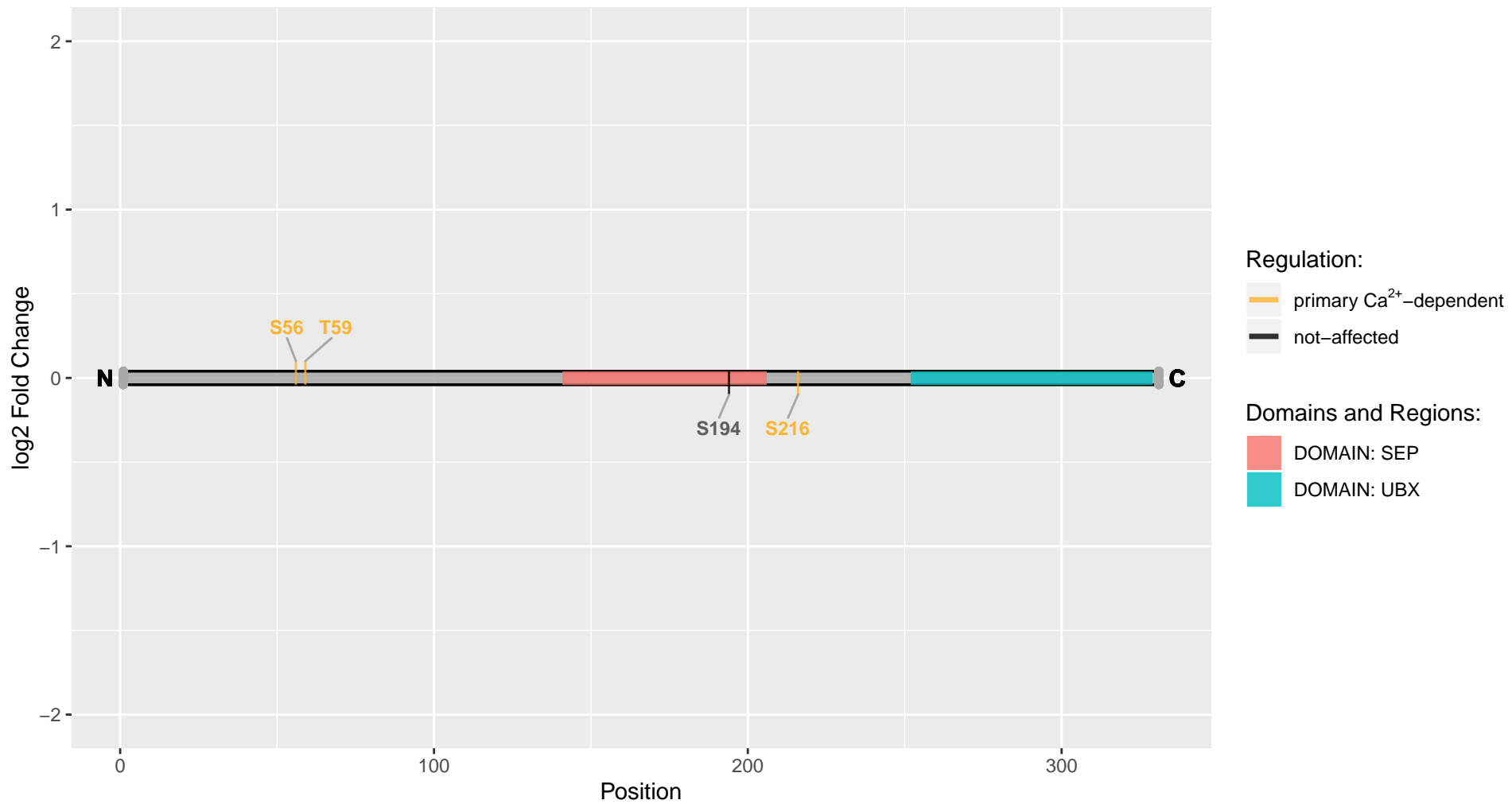
Ubiquitin-conjugating enzyme E2Q family-like 1



Ubxn2b

Uniprot Accession: P0C627

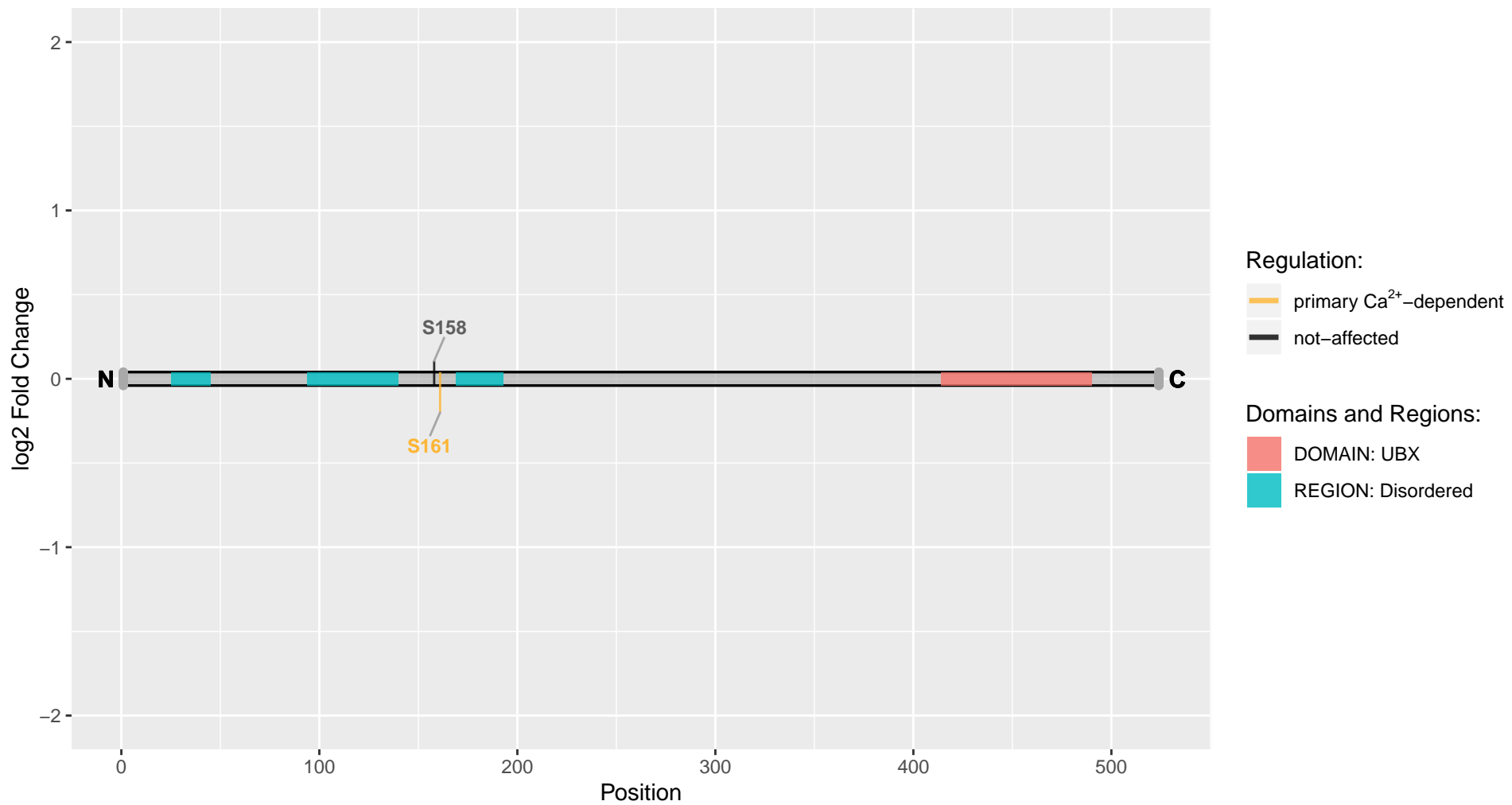
UBX domain-containing protein 2B



Ubxn6

Uniprot Accession: A0A0G2K012

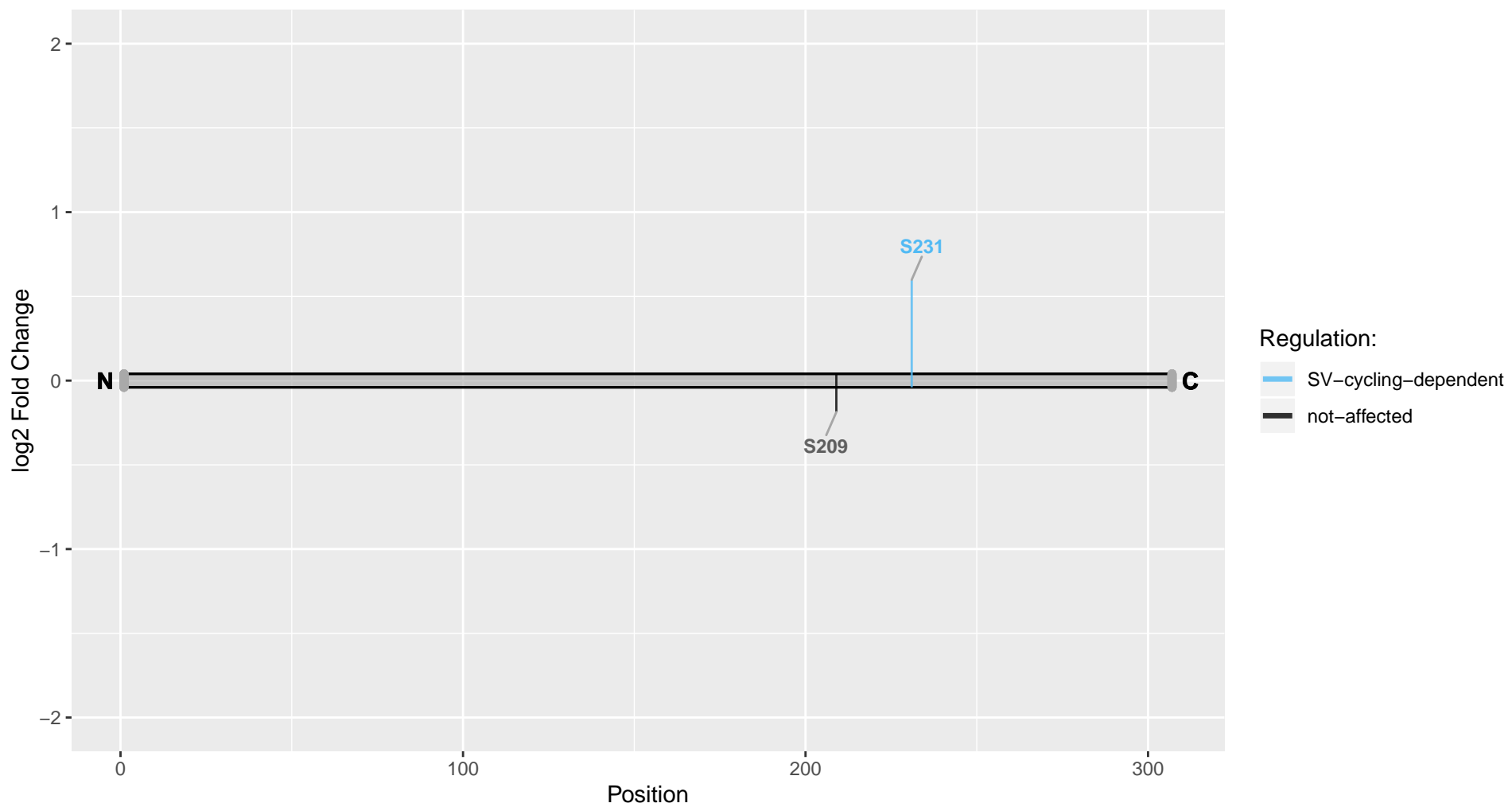
UBX domain protein 6



Ufd1

Uniprot Accession: Q9ES53

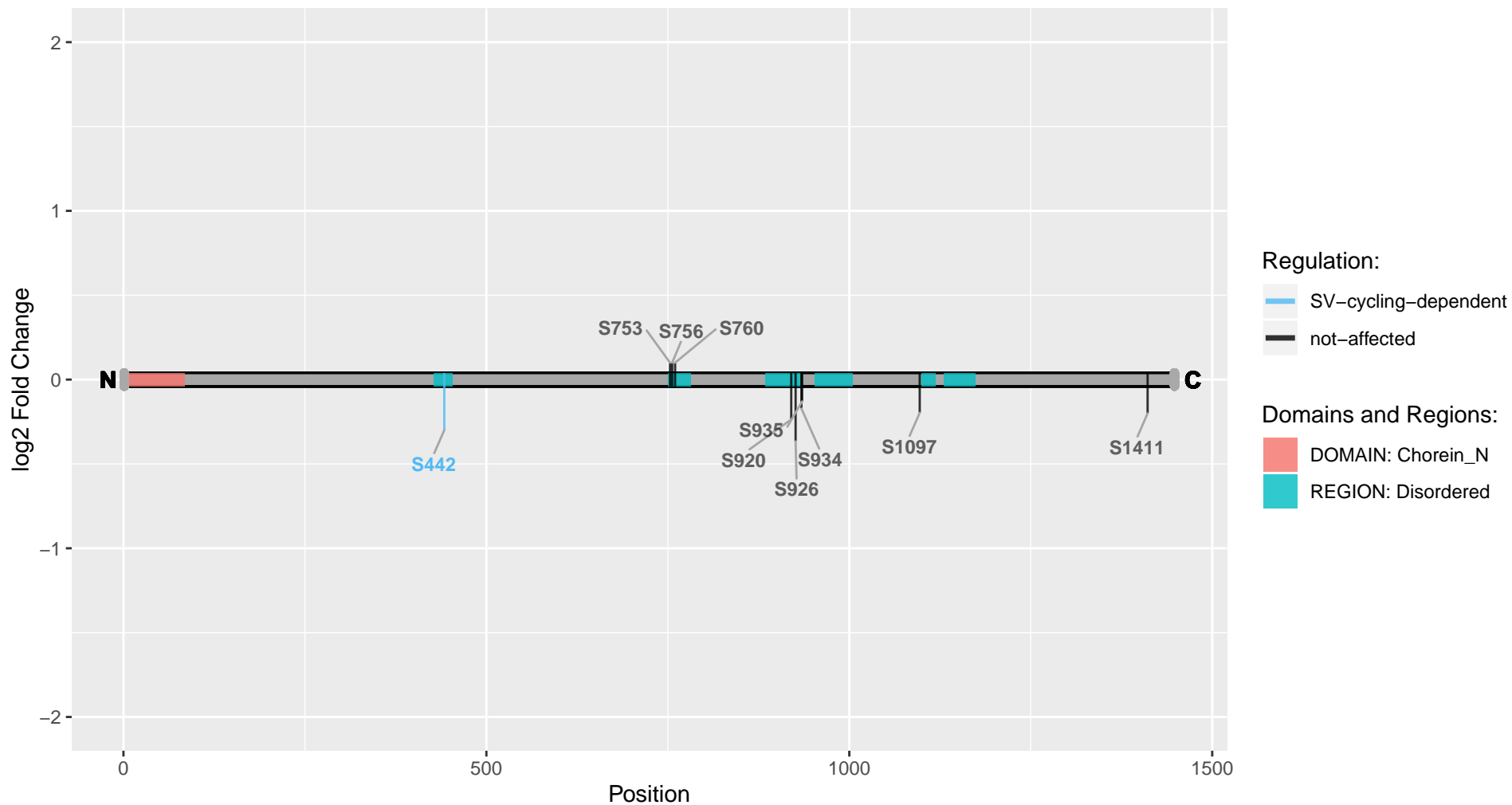
Ubiquitin recognition factor in ER-associated degradation protein 1



Uhrf1bp1

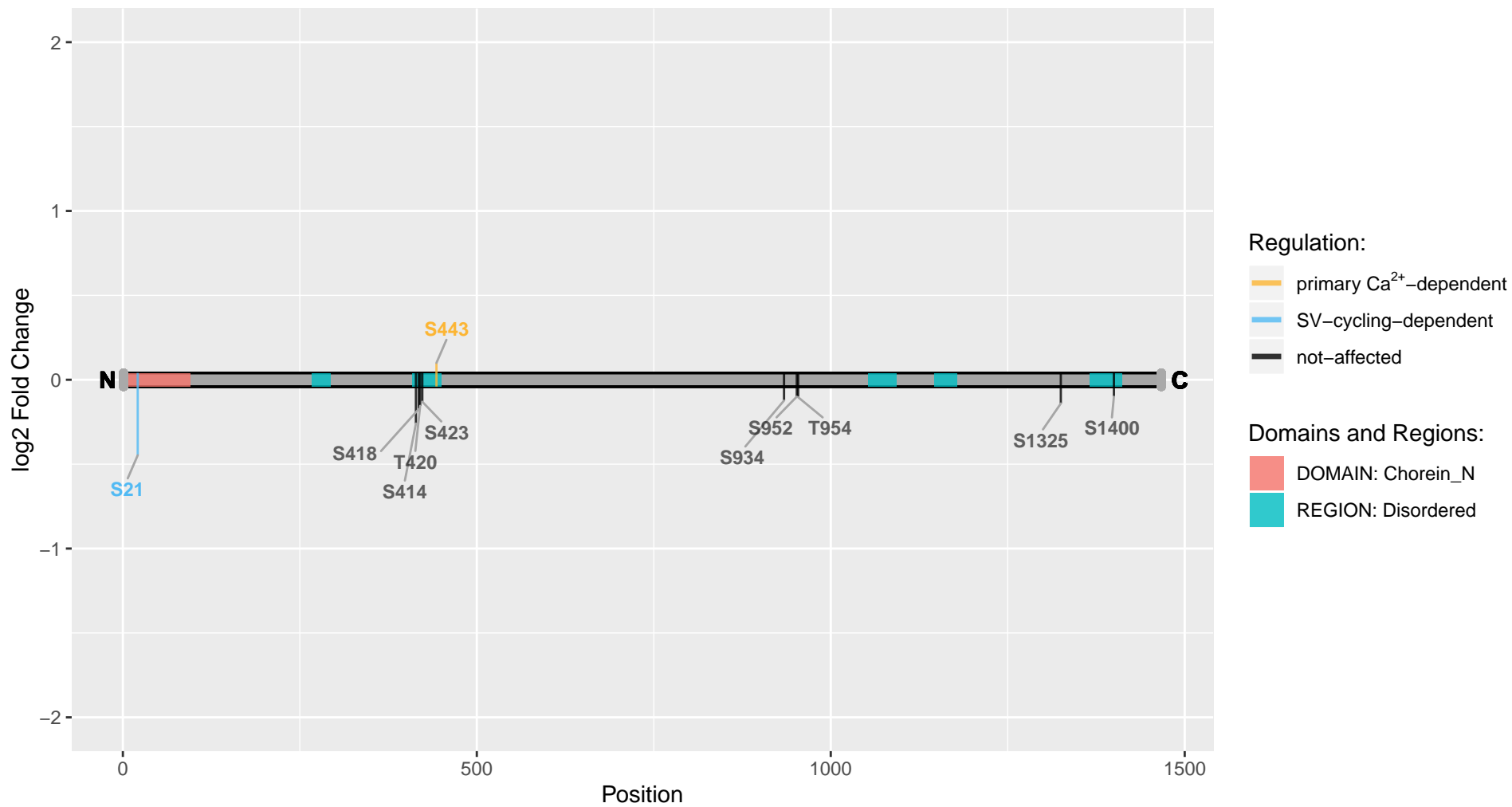
Uniprot Accession: D3ZMR2

UHRF1-binding protein 1



Uhrf1bp1l

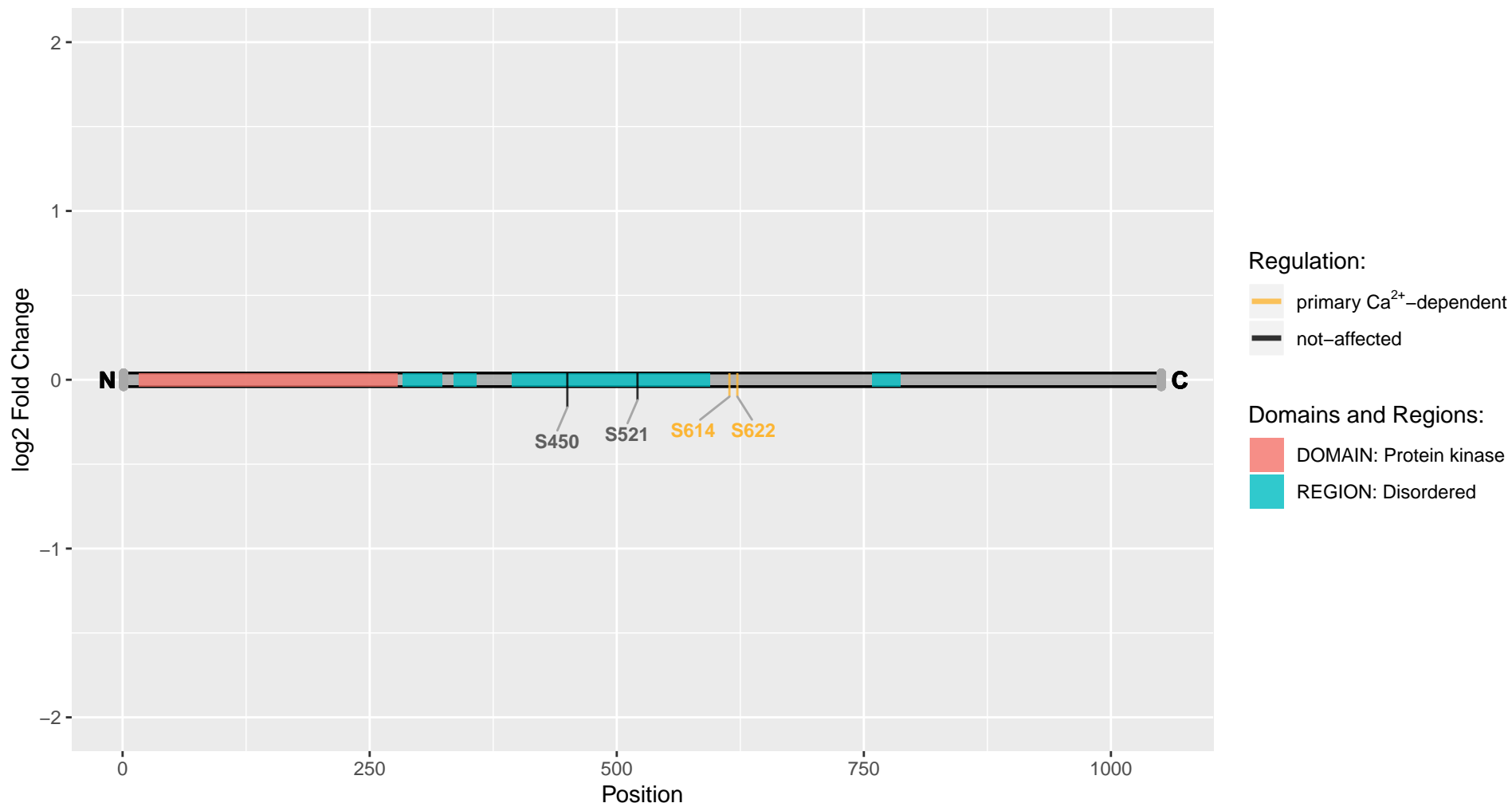
Uniprot Accession: M0R8V0
UHRF1-binding protein 1-like



Ulk1

Uniprot Accession: D3ZMG0

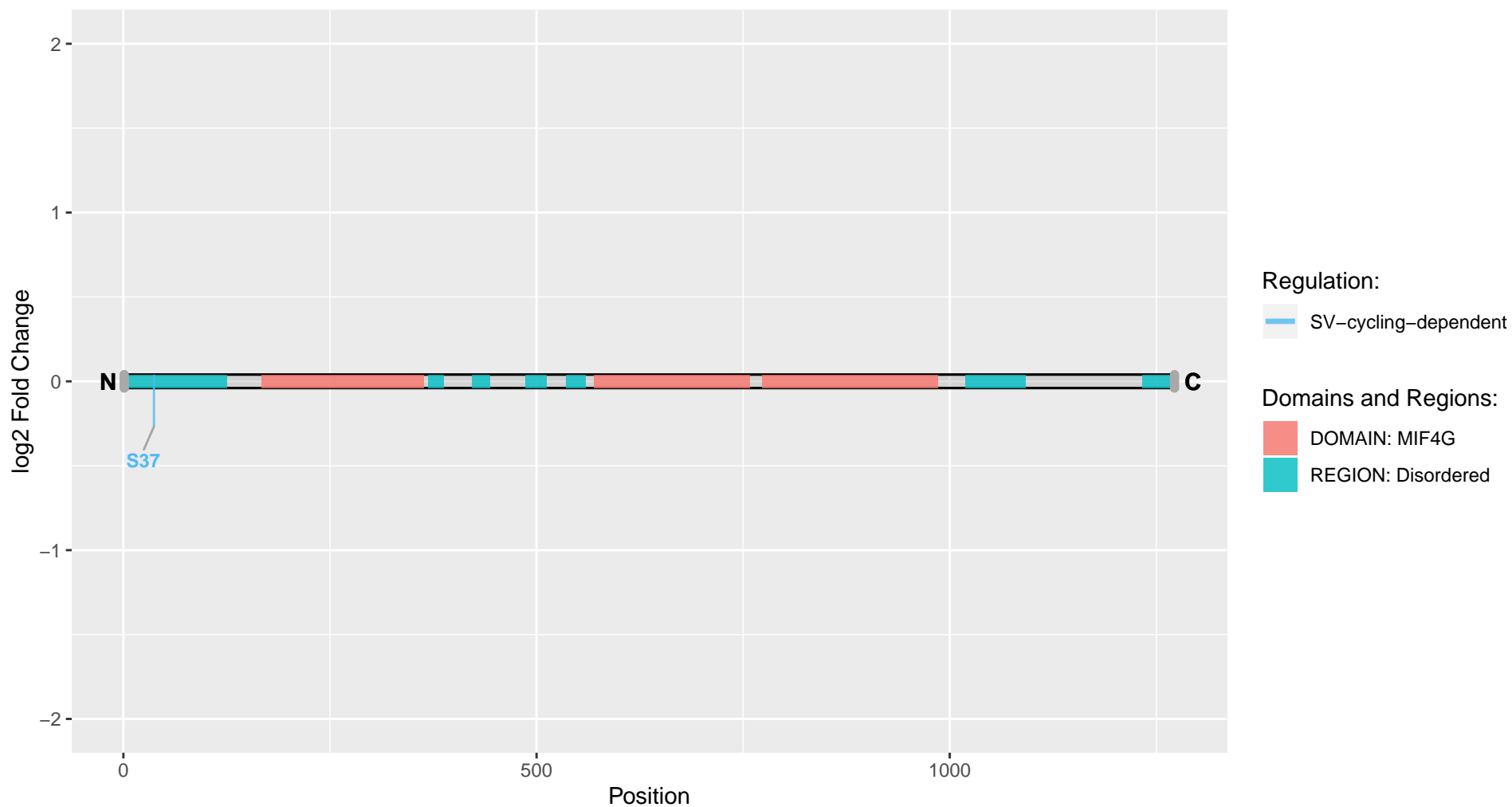
Serine/threonine-protein kinase



Upf2

Uniprot Accession: D3ZT03

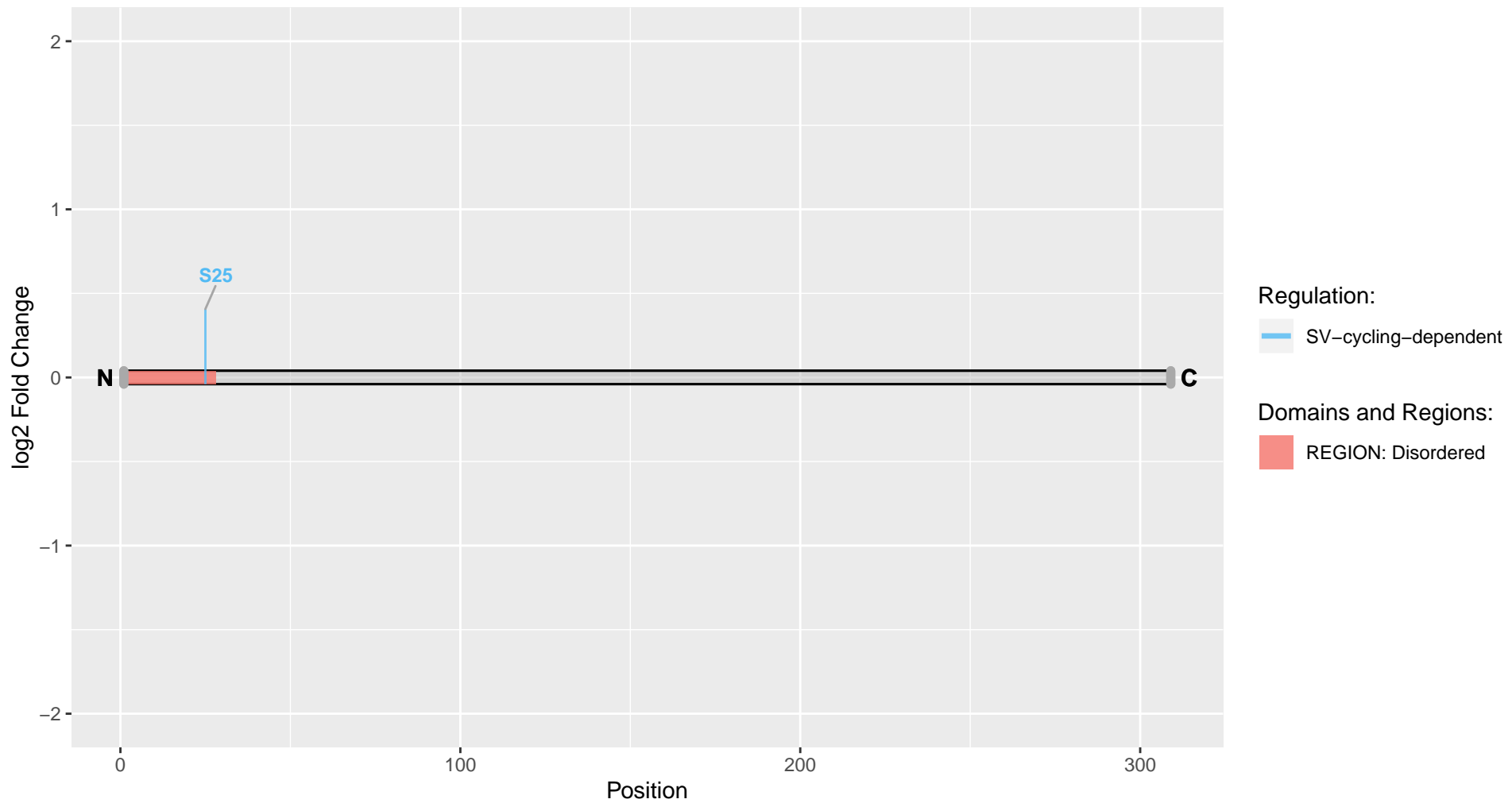
UPF2, regulator of nonsense mediated mRNA decay



Uprt

Uniprot Accession: D4ABC7

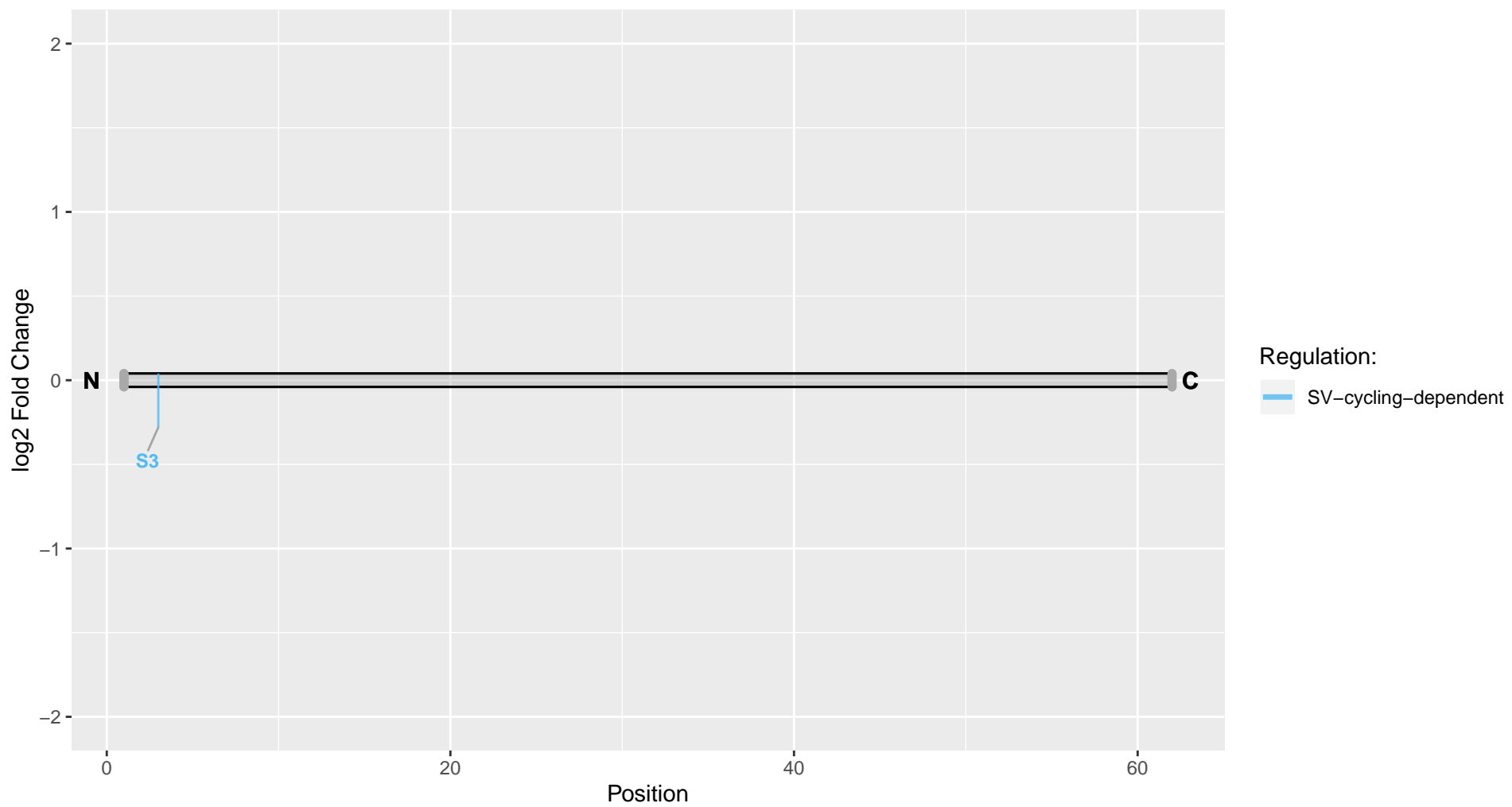
Uracil phosphoribosyltransferase homolog



Uqcr10

Uniprot Accession: A0A0G2K8Q8

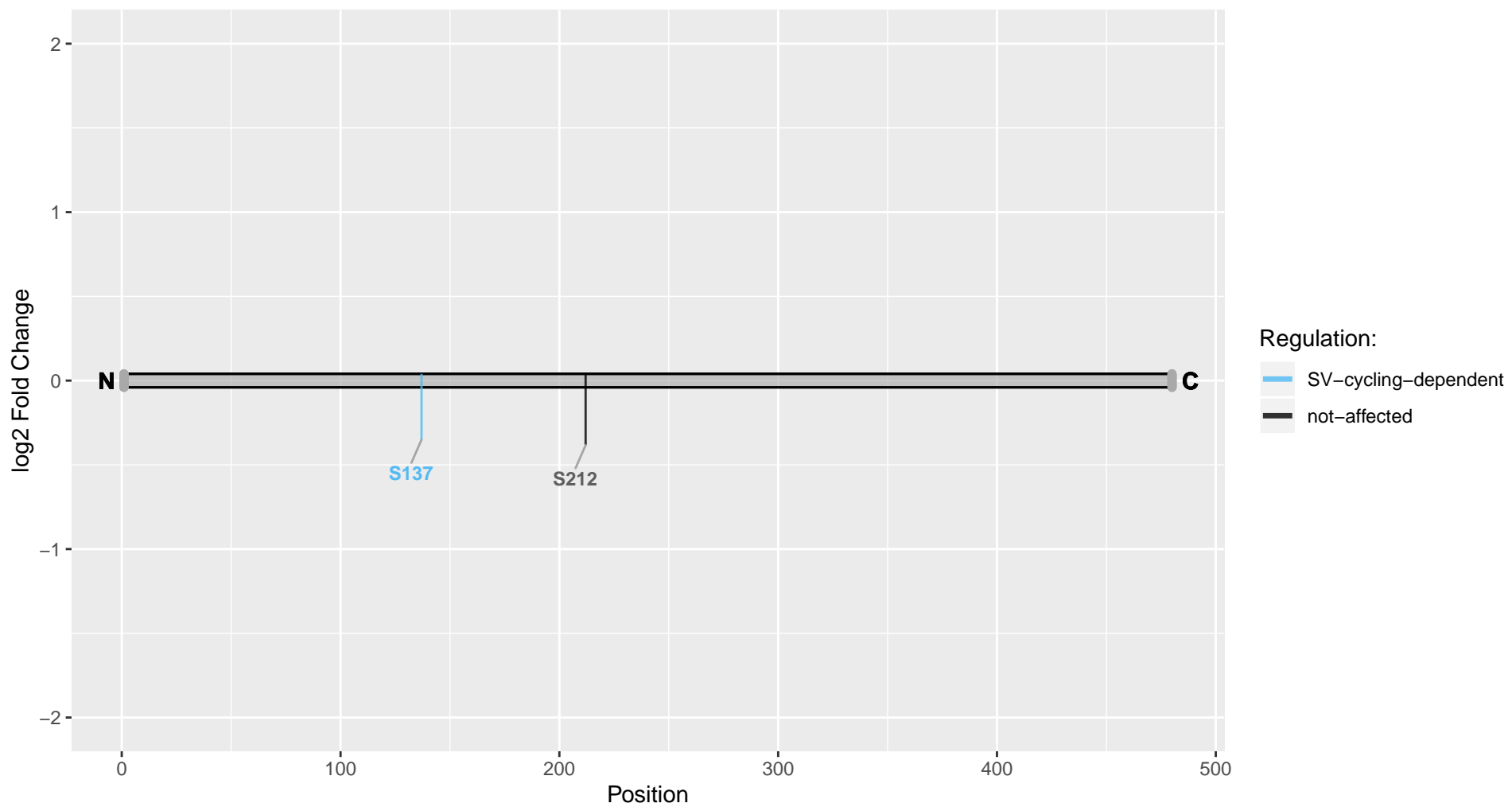
Ubiquinol-cytochrome c reductase, complex III subunit X



Uqcrc1

Uniprot Accession: Q68FY0

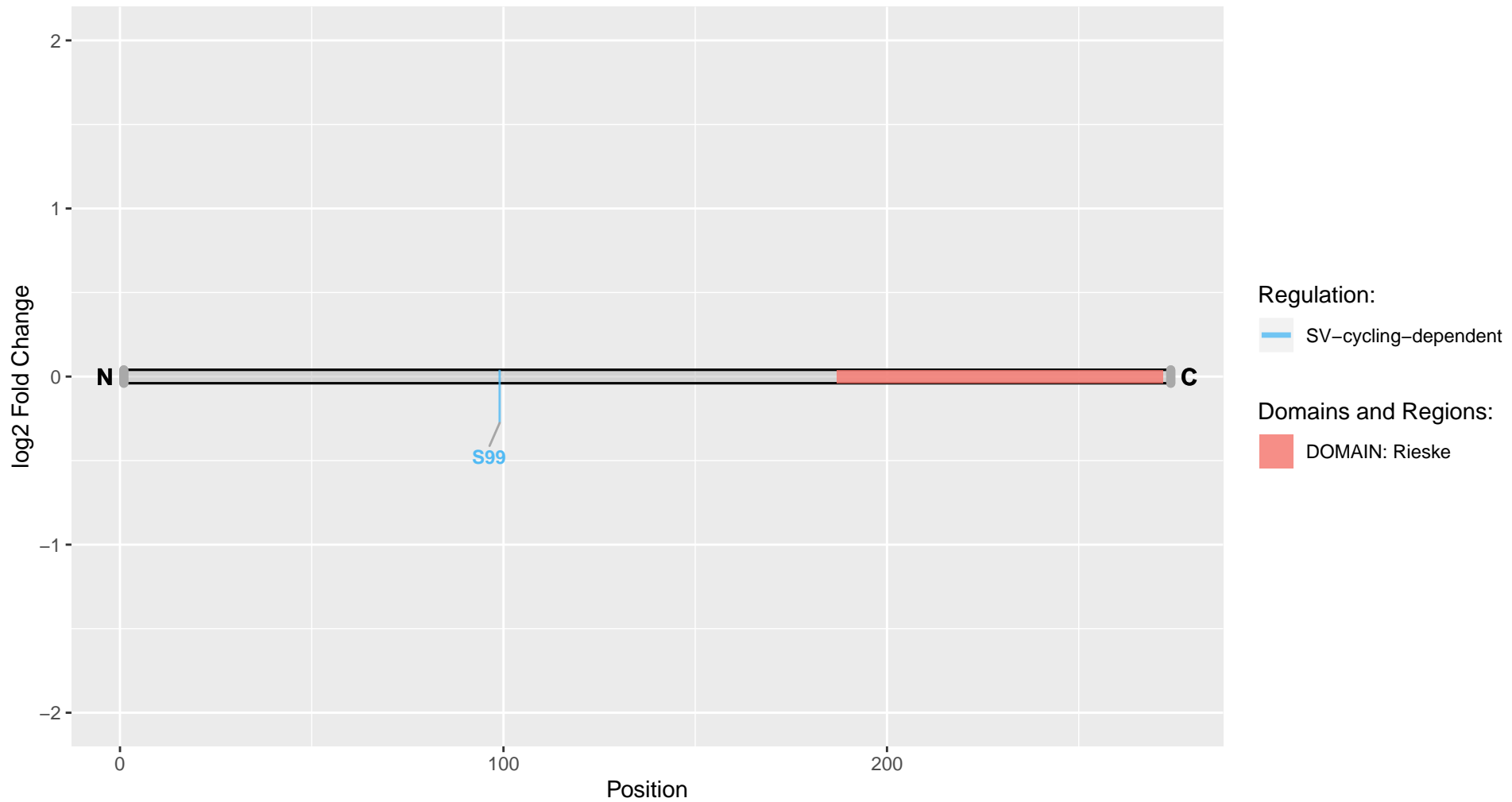
Cytochrome b-c1 complex subunit 1, mitochondrial



Uqcrfs1

Uniprot Accession: P20788

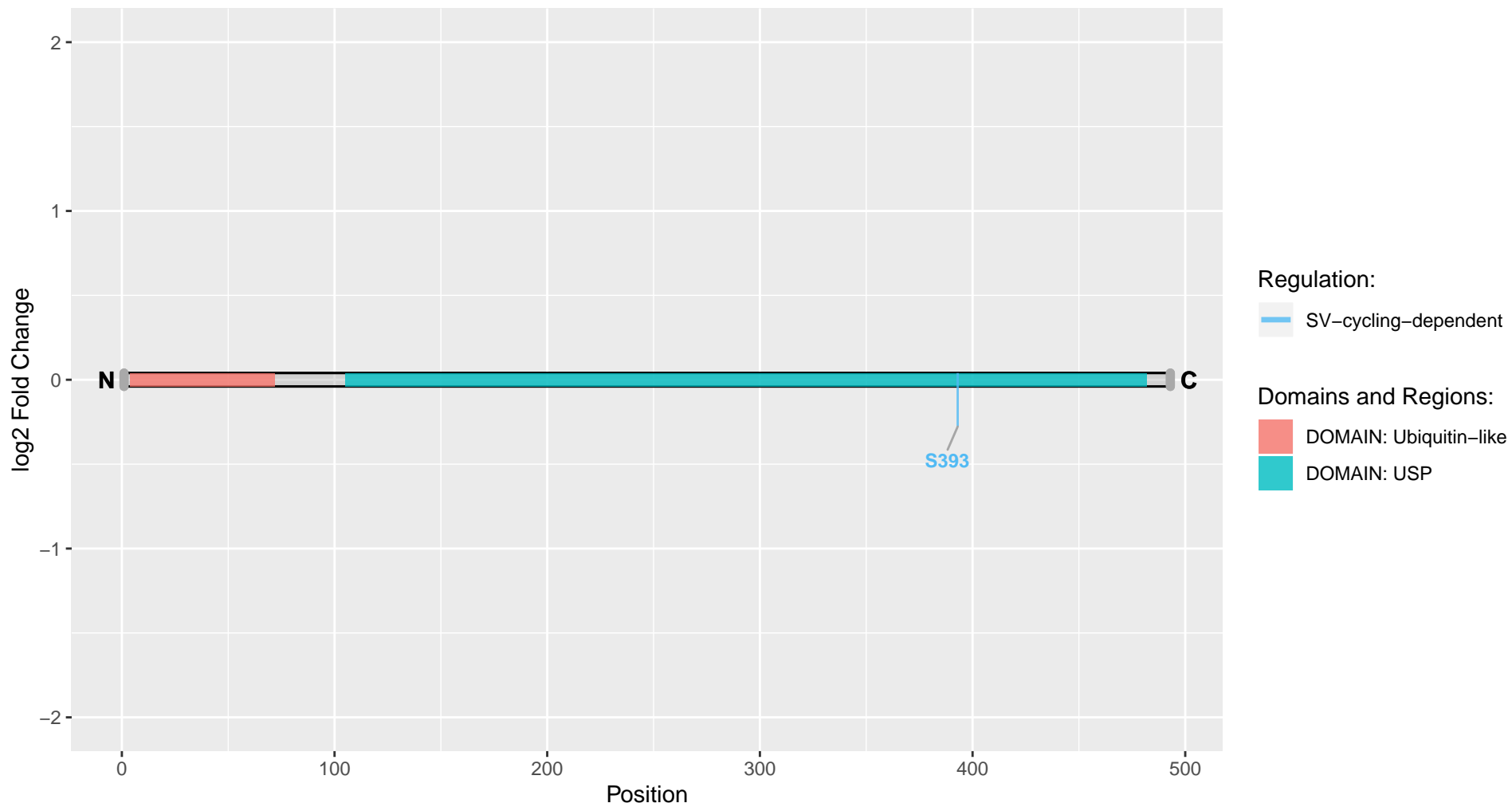
Cytochrome b-c1 complex subunit Rieske, mitochondrial



Usp14

Uniprot Accession: Q5U2N2

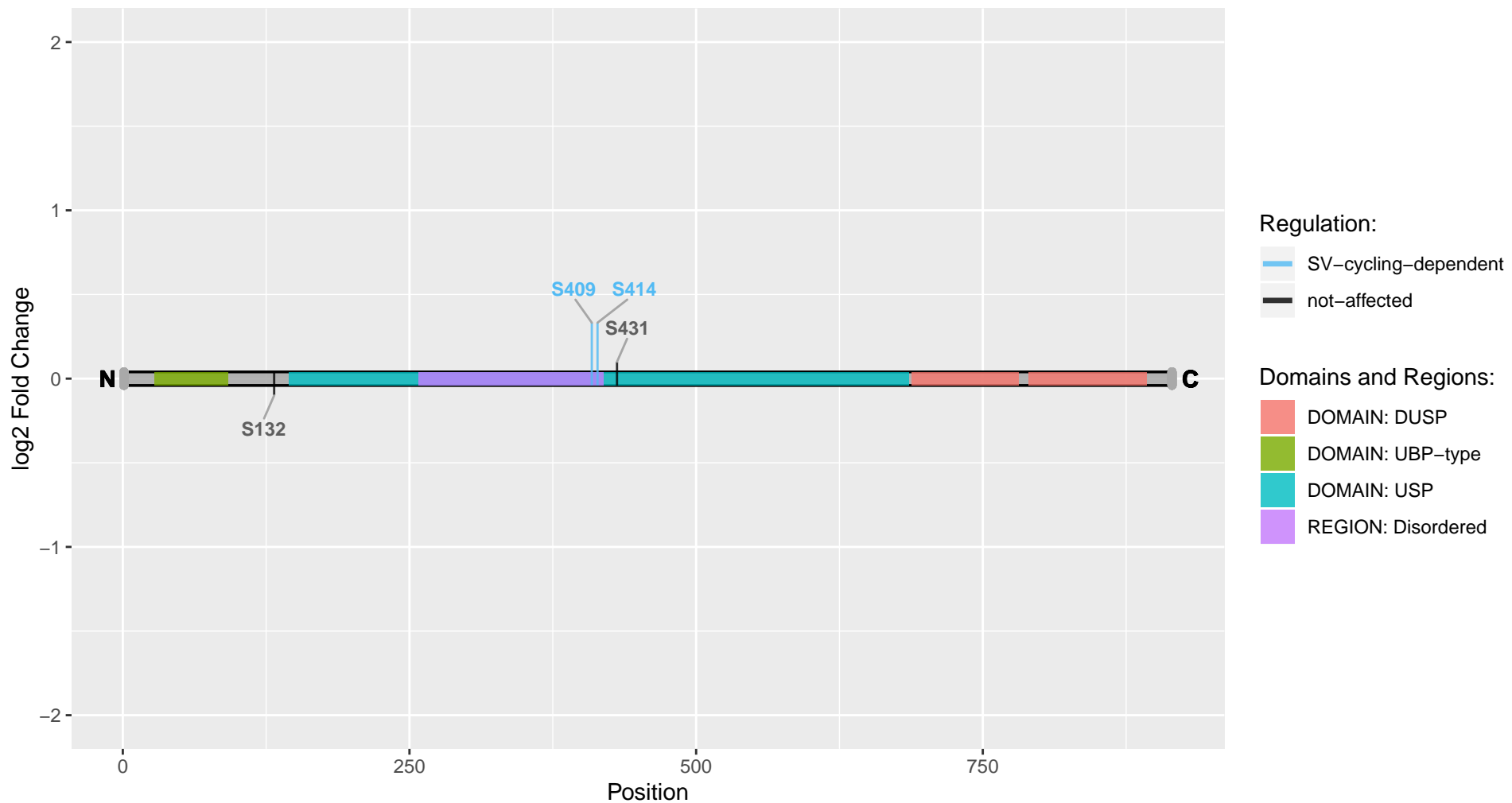
Ubiquitin specific protease 14



Usp20

Uniprot Accession: D3ZLQ8

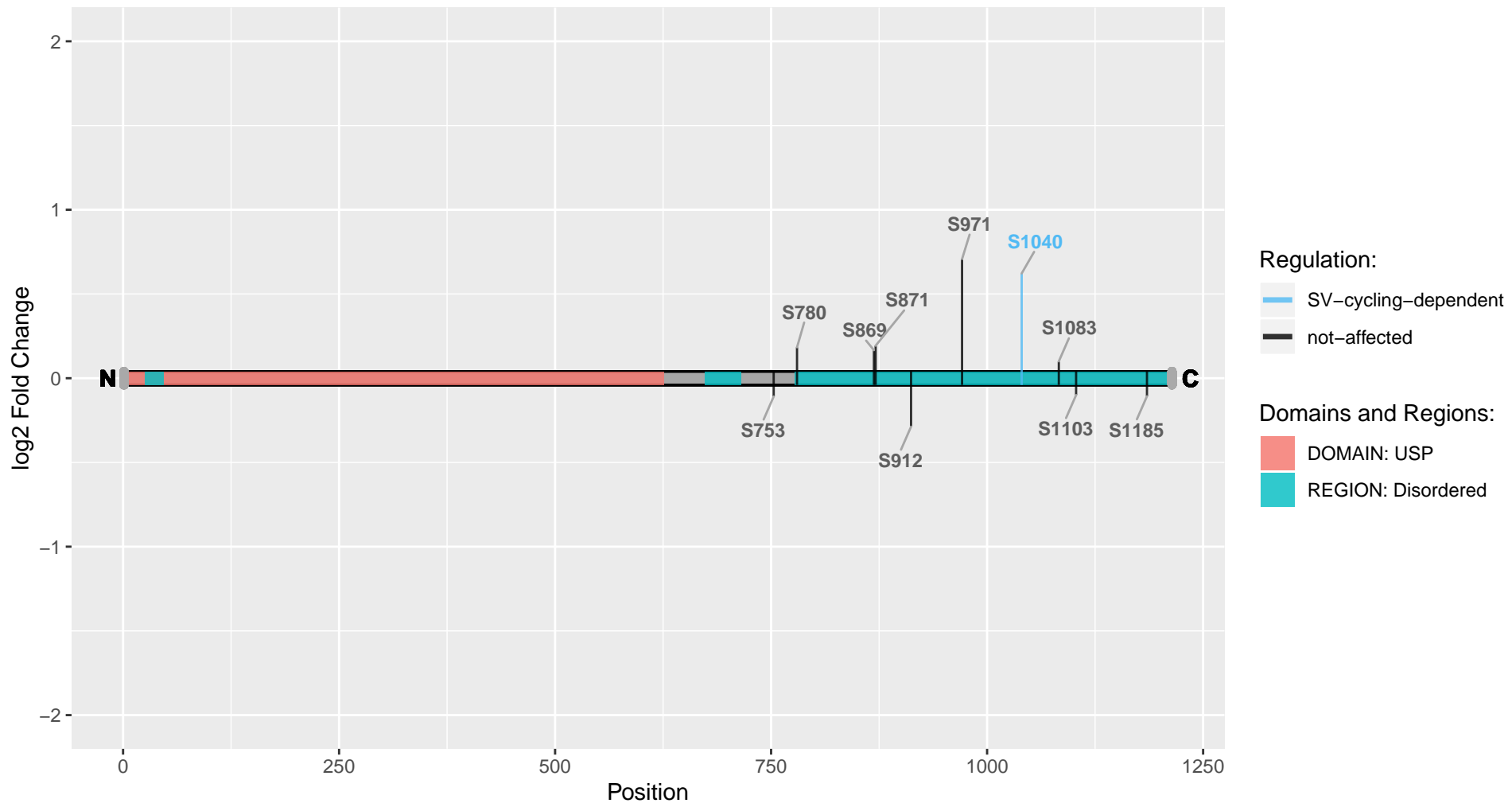
Ubiquitinyl hydrolase 1



Usp31

Uniprot Accession: A0A0G2K2V3

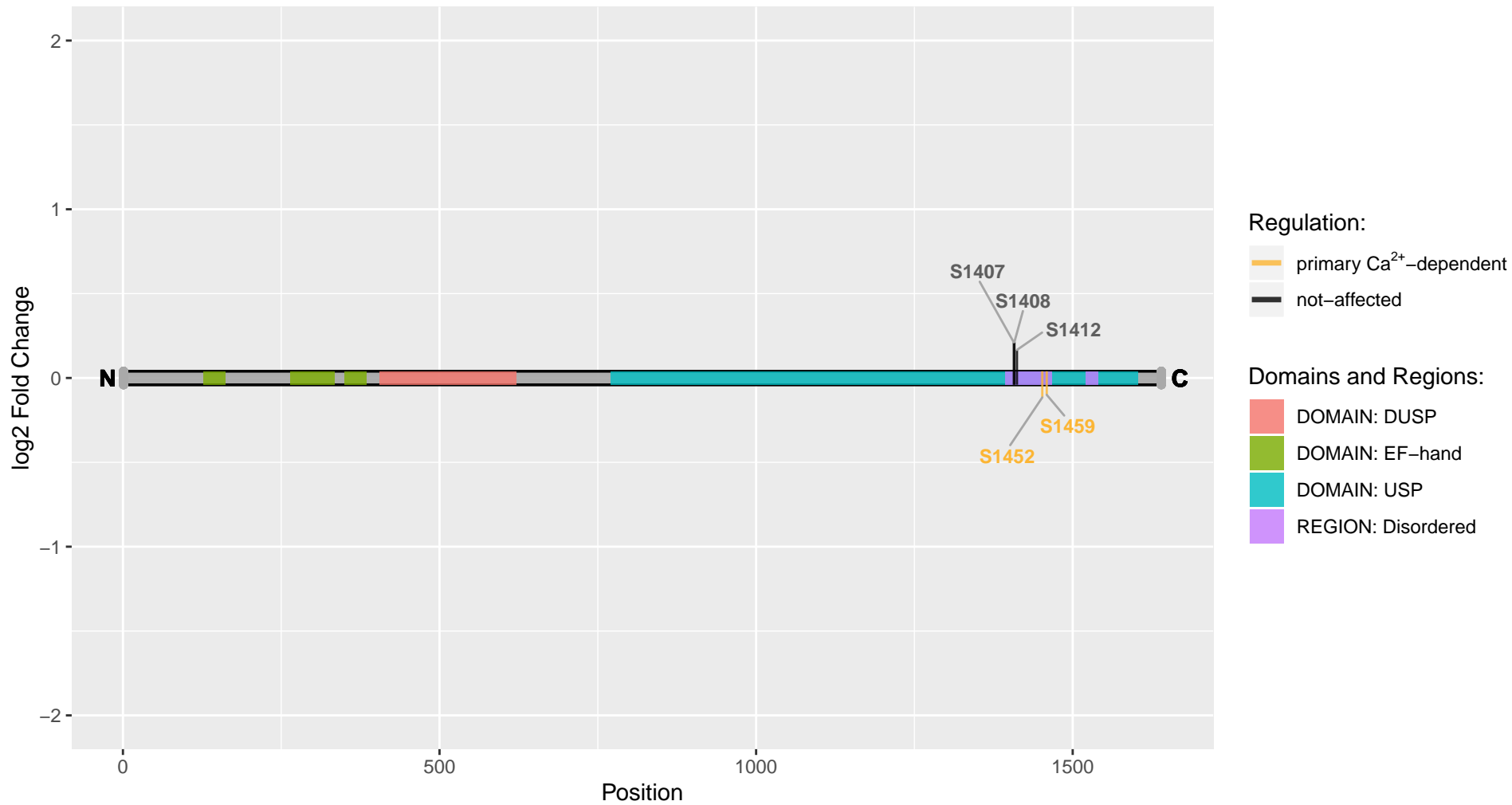
Ubiquitin-specific peptidase 31



Usp32

Uniprot Accession: A0A0G2K952

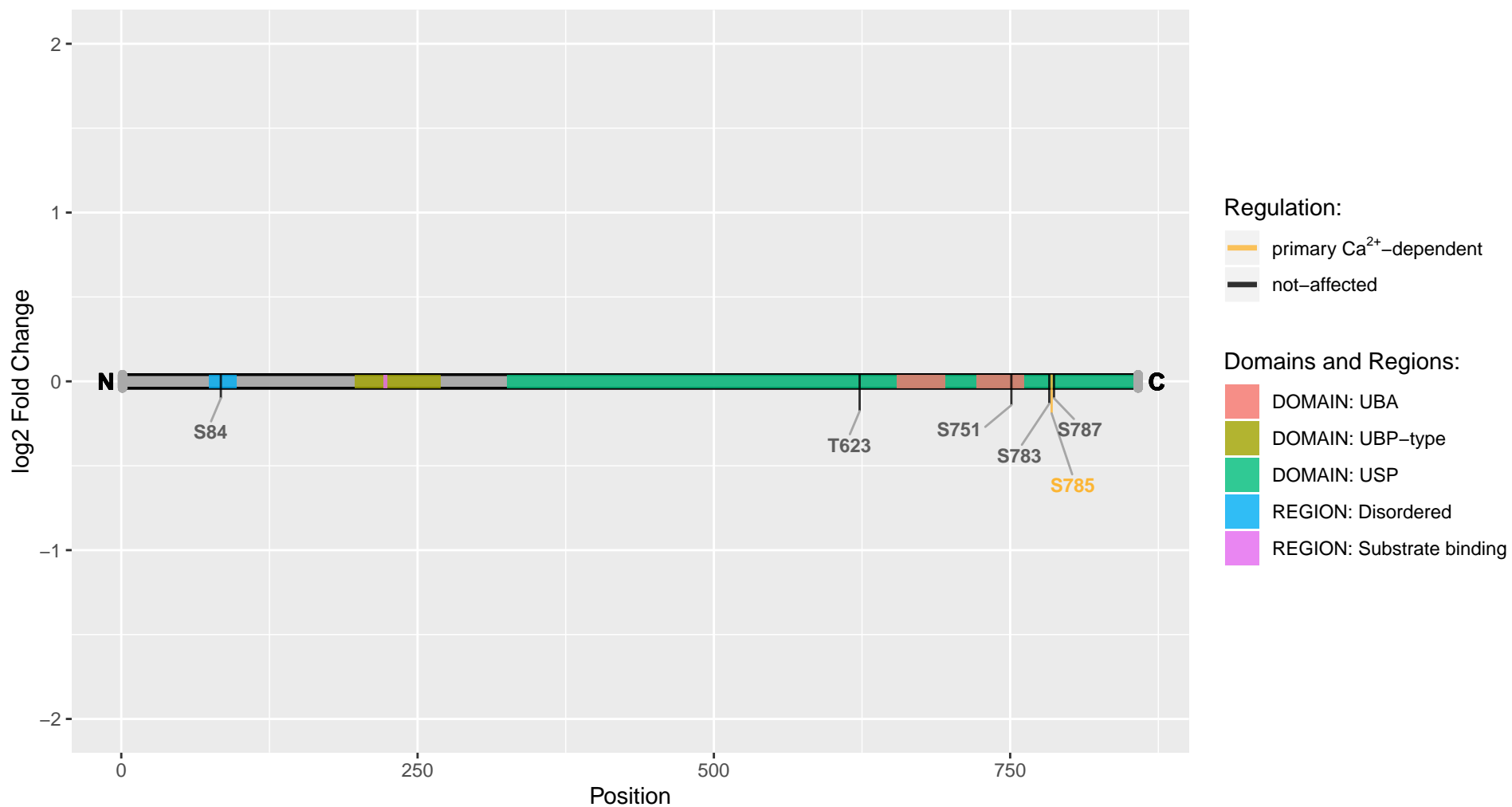
Ubiquitin-specific peptidase 32



Usp5

Uniprot Accession: D3ZVQ0

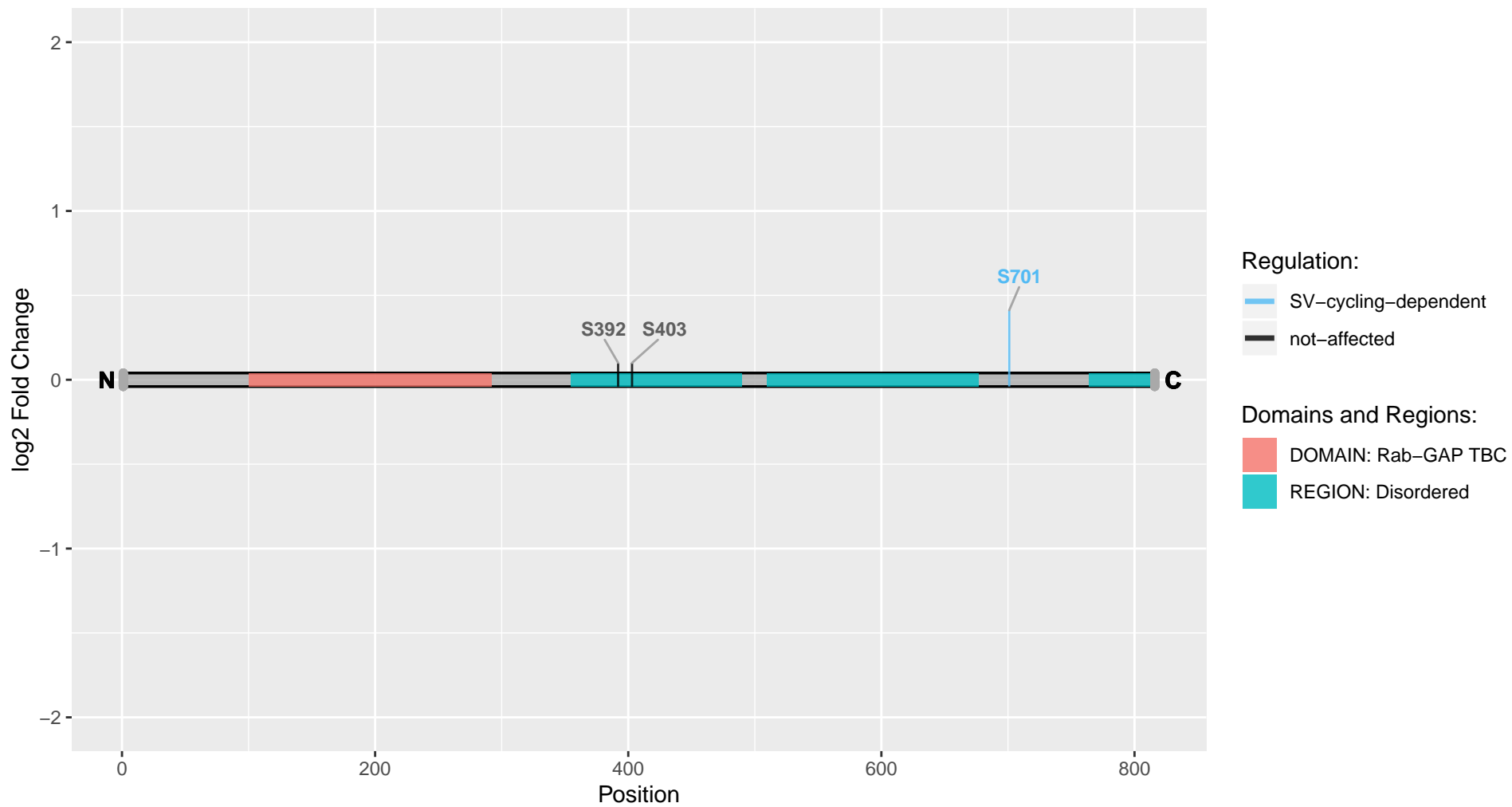
Ubiquitin carboxyl-terminal hydrolase



Usp6nl

Uniprot Accession: D3ZL57

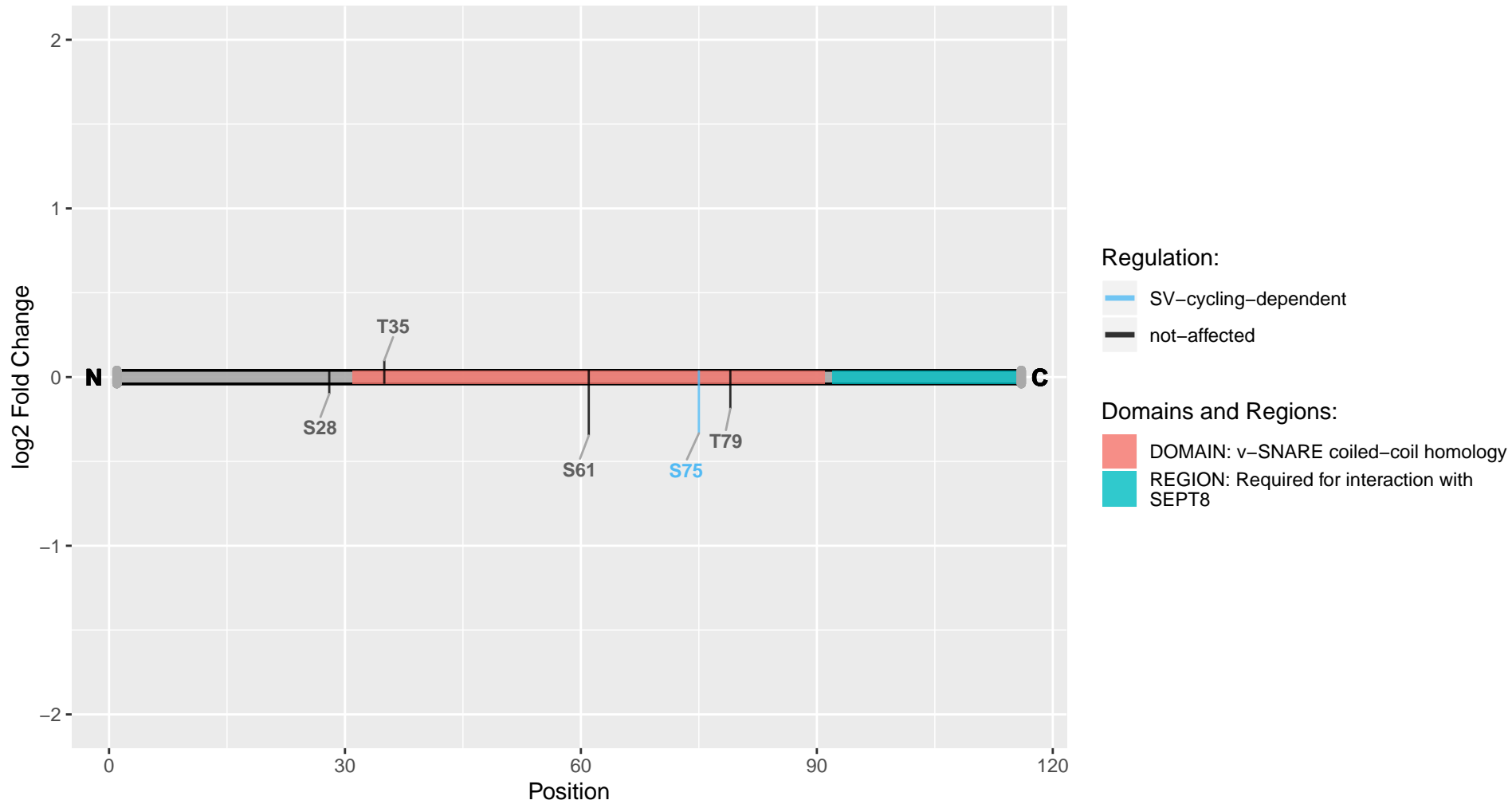
USP6 N-terminal like (Predicted), isoform CRA_a



Vamp2

Uniprot Accession: P63045

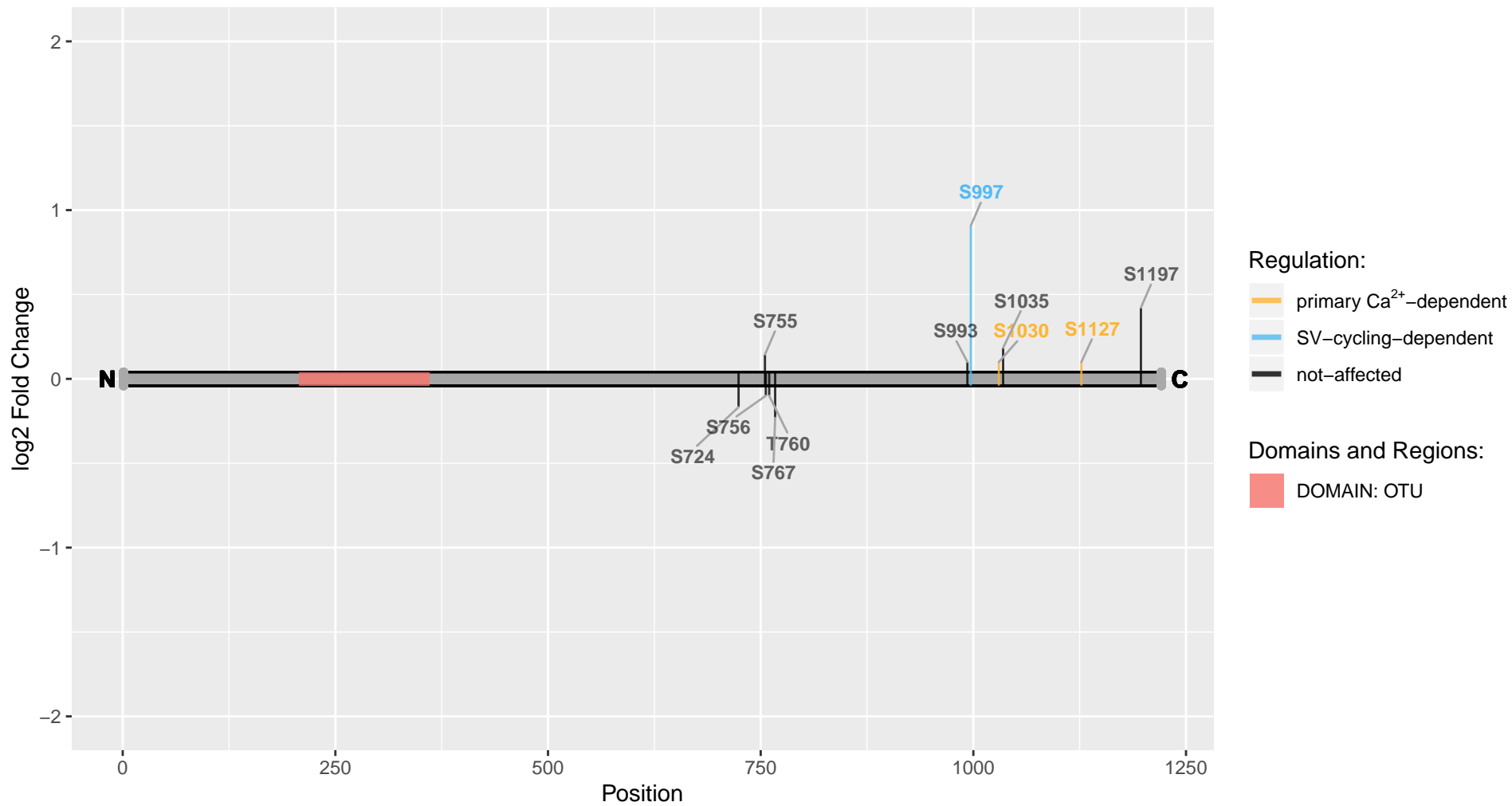
Vesicle-associated membrane protein 2



Vcpip1

Uniprot Accession: Q8CF97

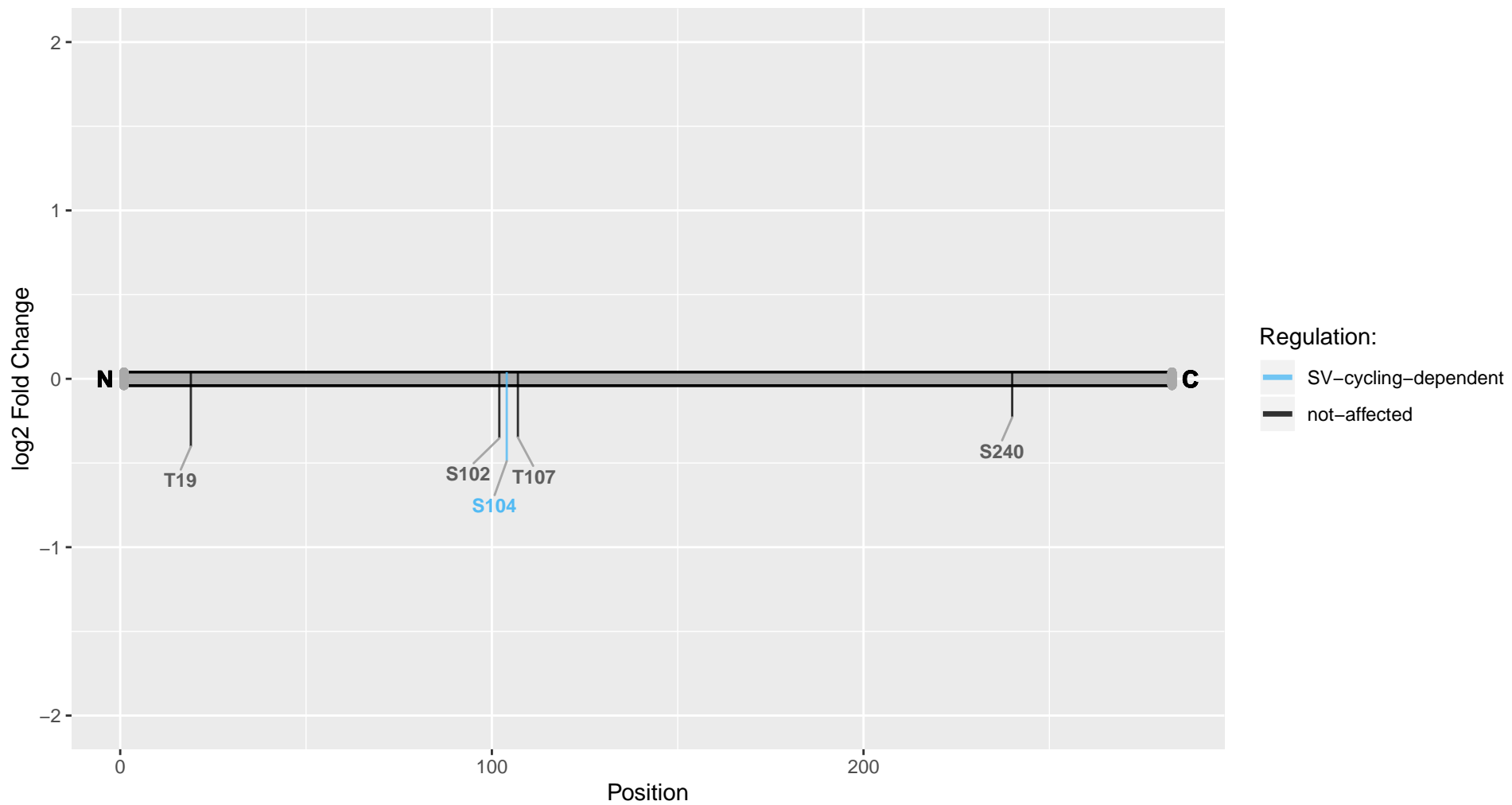
Deubiquitinating protein VCIP135



Vdac1

Uniprot Accession: Q9Z2L0

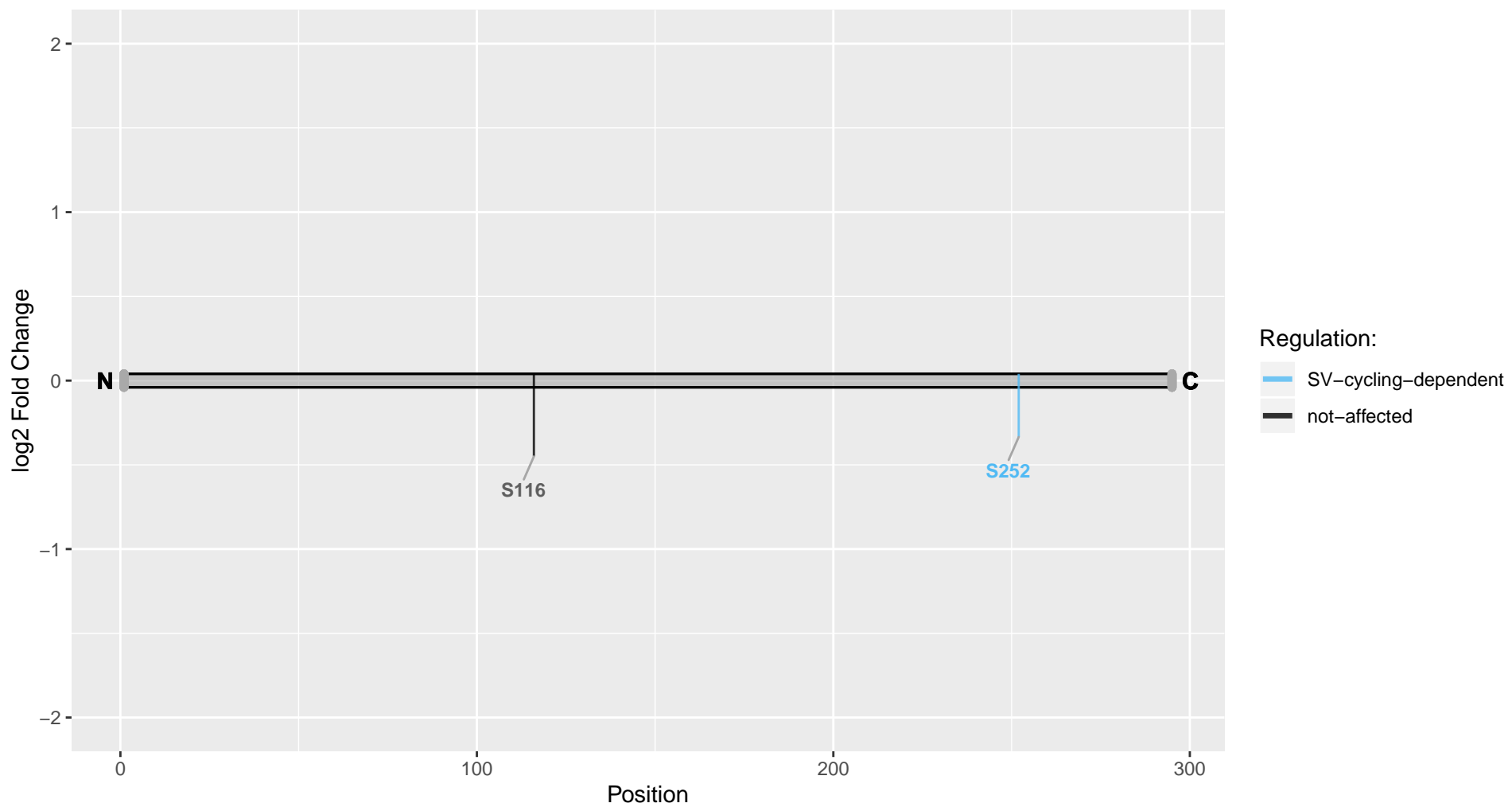
Voltage-dependent anion-selective channel protein 1



Vdac2

Uniprot Accession: P81155

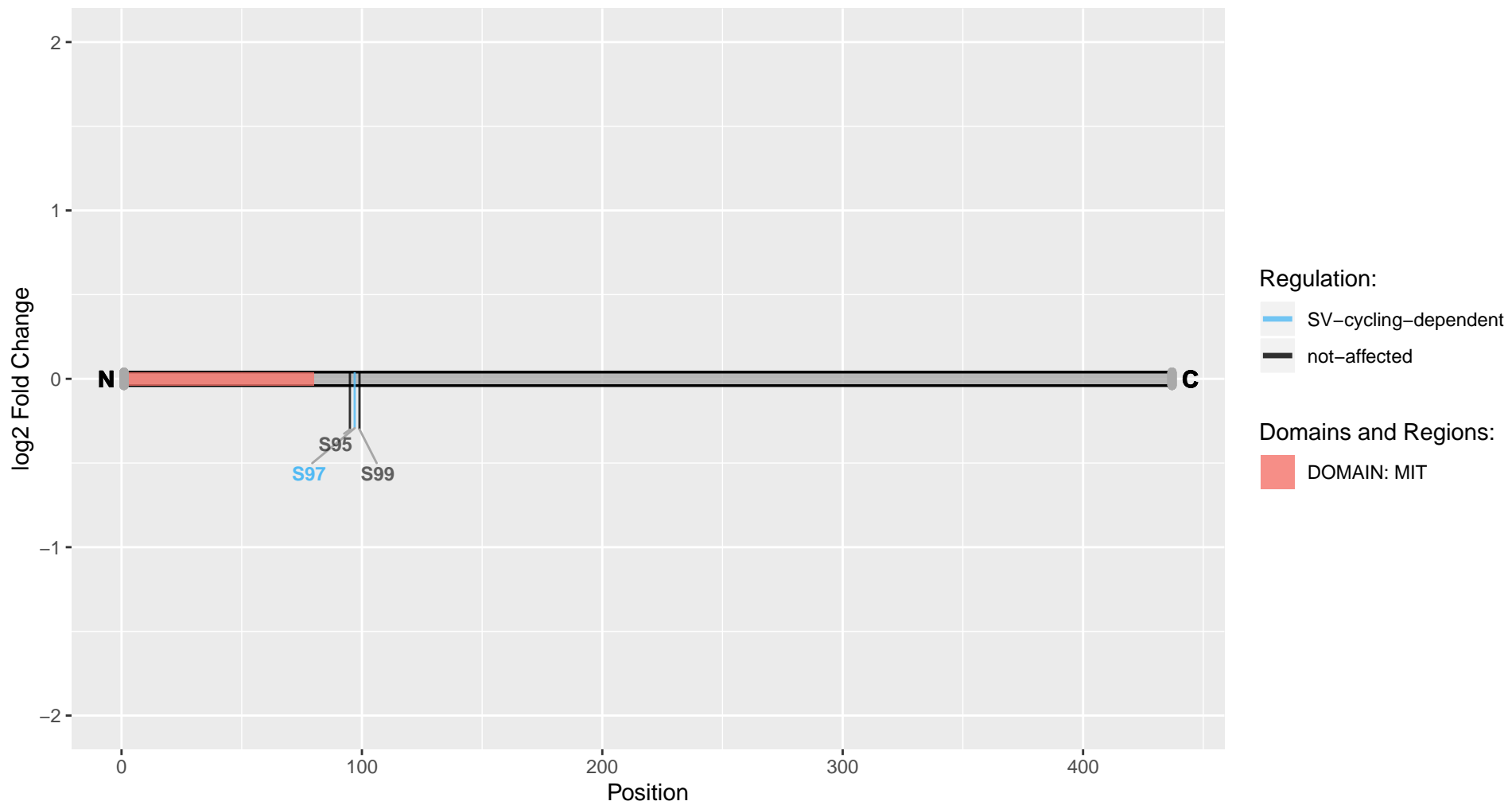
Voltage-dependent anion-selective channel protein 2



Vps4a

Uniprot Accession: Q793F9

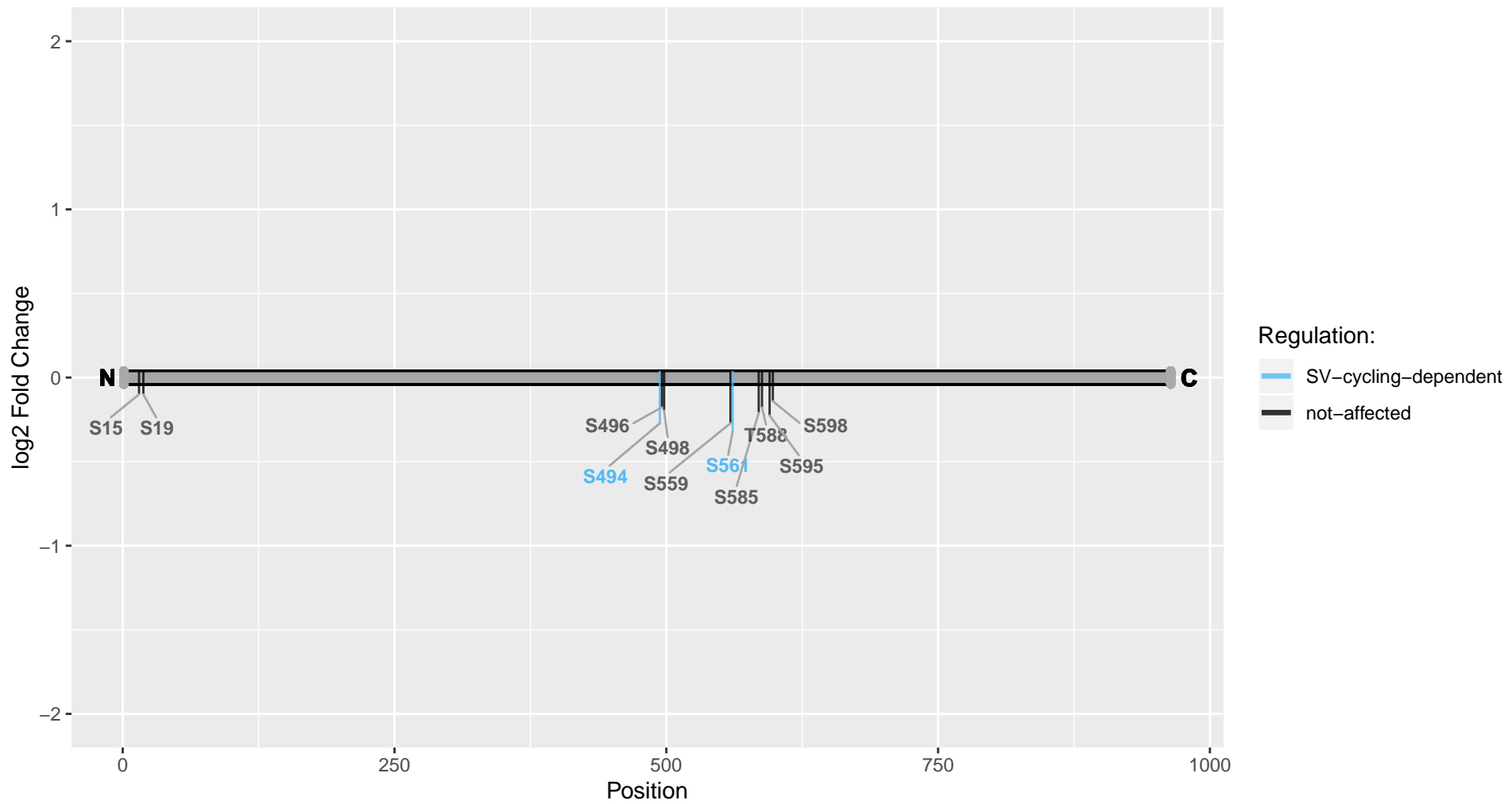
Vacuolar protein sorting–associated protein 4A



Vps50

Uniprot Accession: F1LSG8

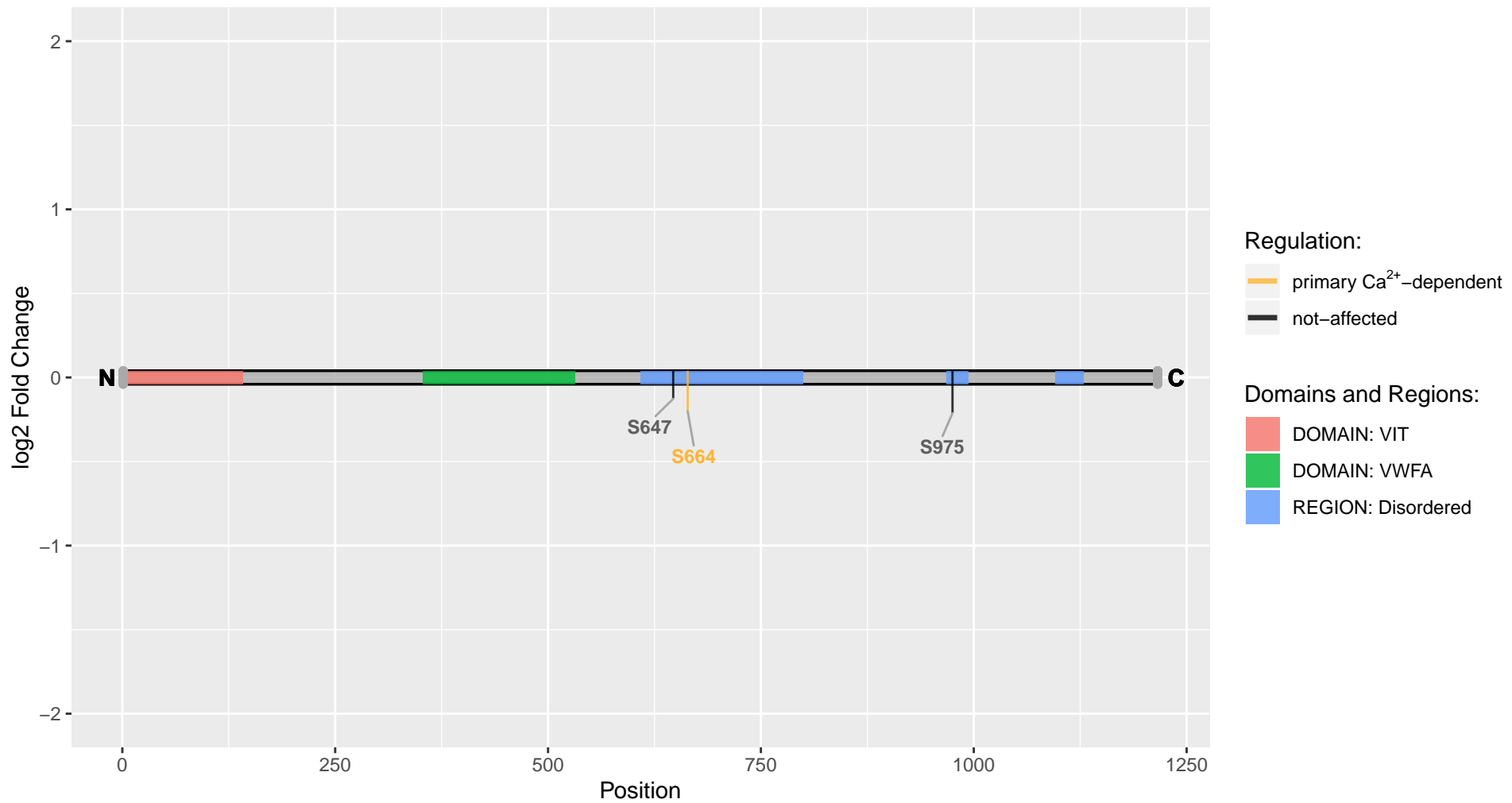
Syndetin



Vwa5b1

Uniprot Accession: D3ZP60

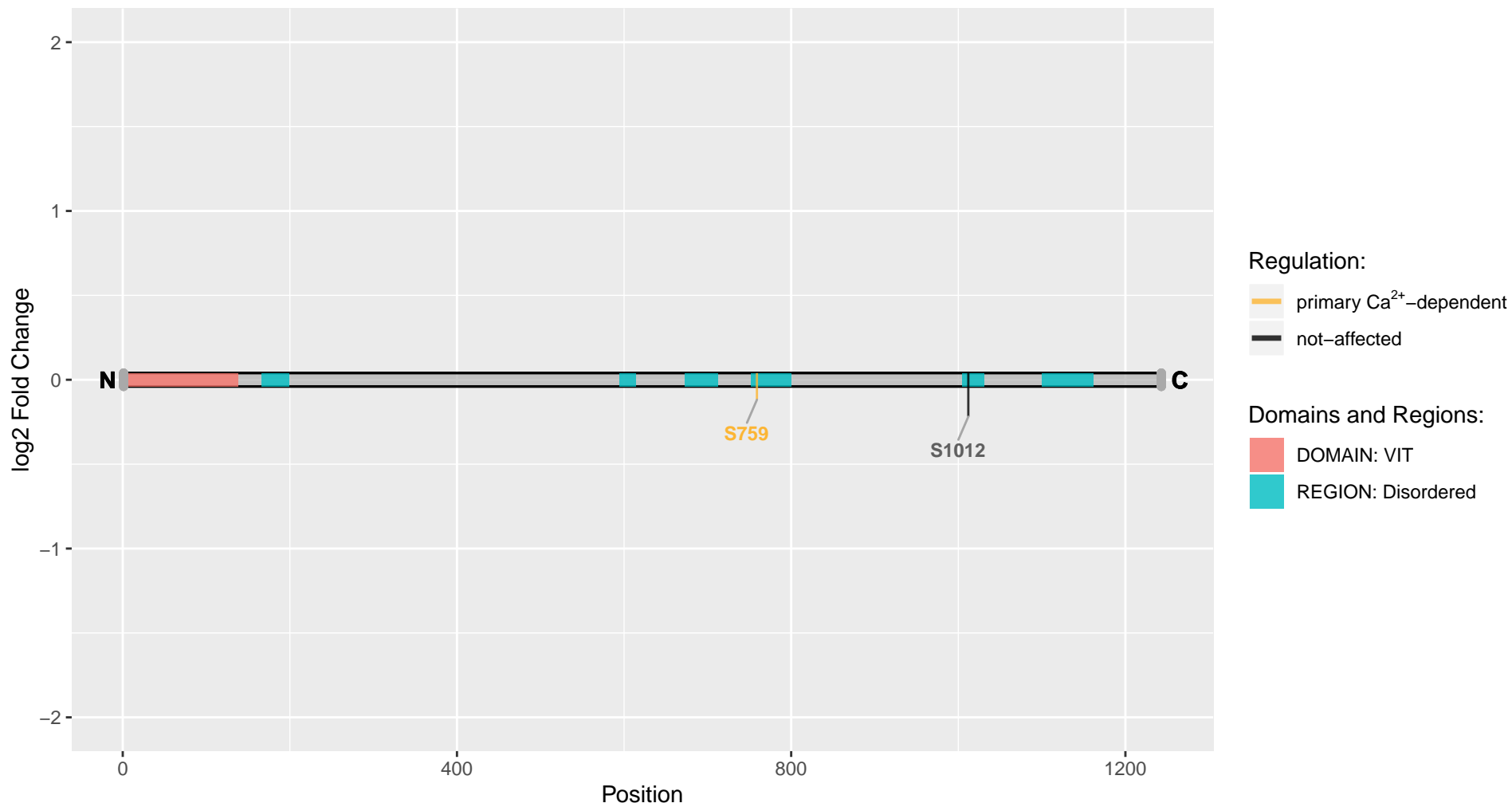
von Willebrand factor A domain-containing 5B1



Vwa5b2

Uniprot Accession: D4A7U5

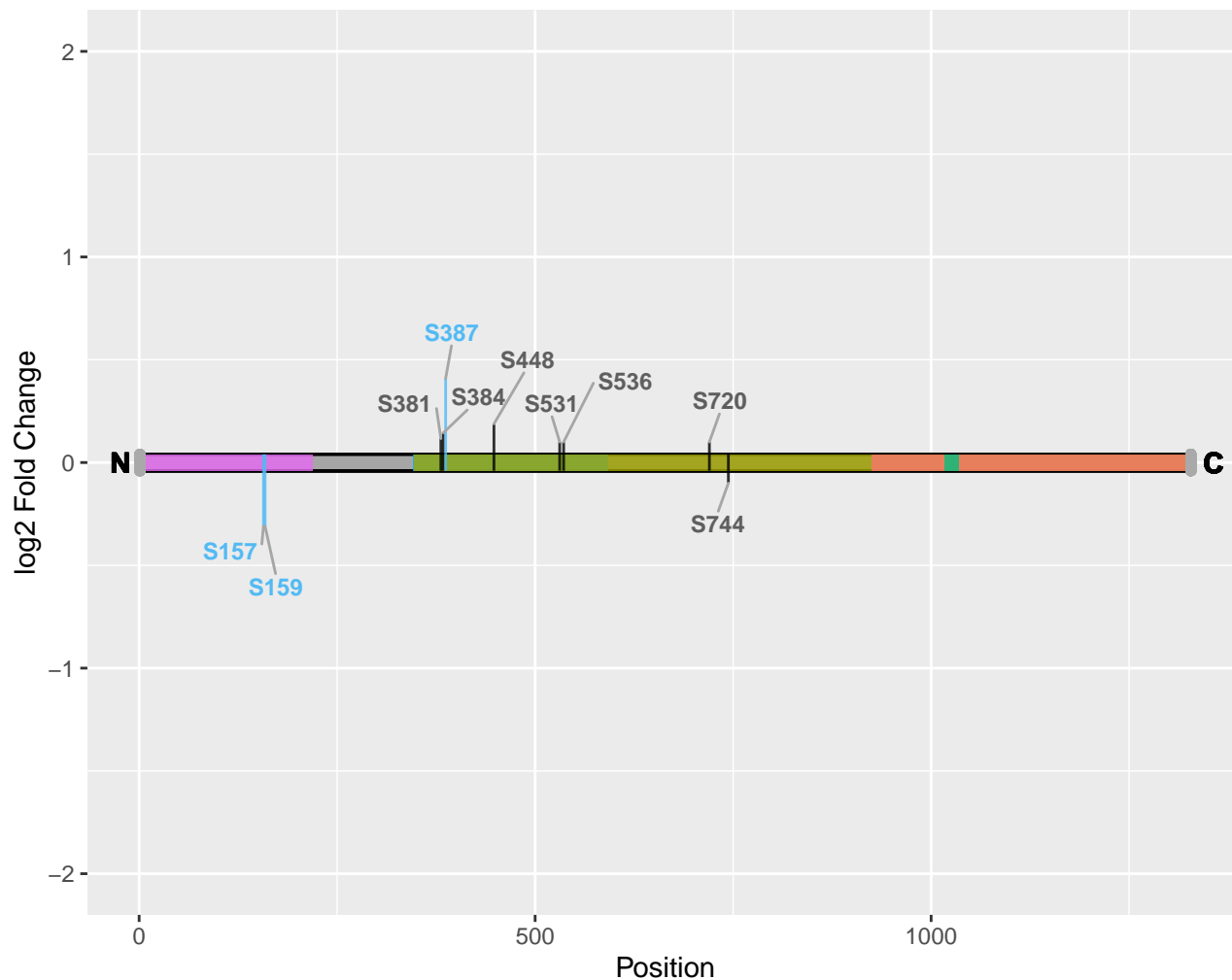
RGD1564491 (Predicted)



Washc2

Uniprot Accession: Q80X08

WASH complex subunit 2



Regulation:

- SV-cycling-dependent
- not-affected

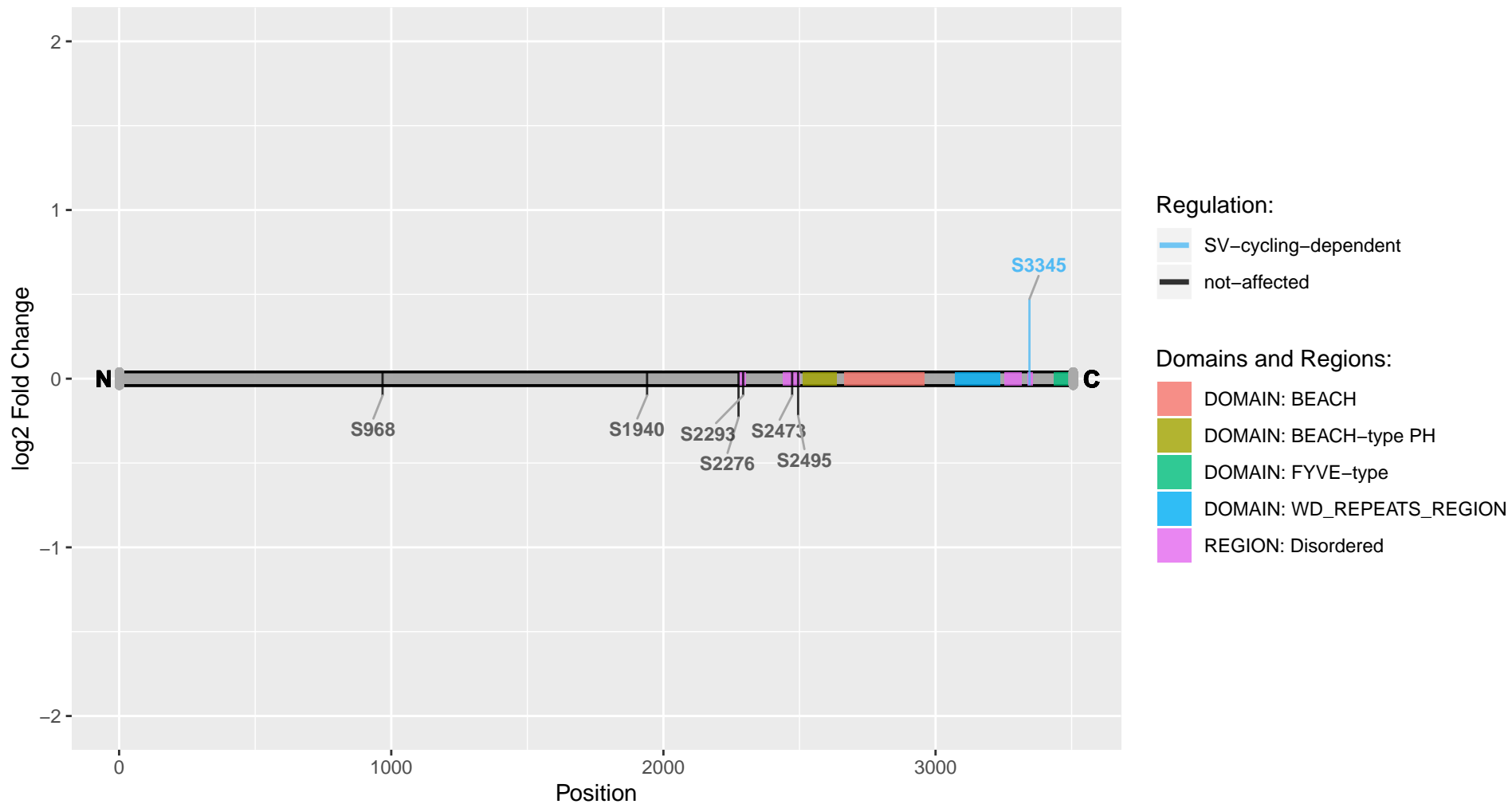
Domains and Regions:

- REGION: Interaction with phospholipids
- REGION: Interaction with VPS35
- REGION: Required for interaction with F-actin-capping protein subunit alpha (CAPZA1 or CAPZA2 or CAPZA3)
- REGION: Sufficient for interaction with CCDC93
- REGION: Sufficient for interaction with WASHC3, WASHC4 and WASHC5; required for interaction with WASHC1

Wdfy3

Uniprot Accession: A0A0G2K9M4

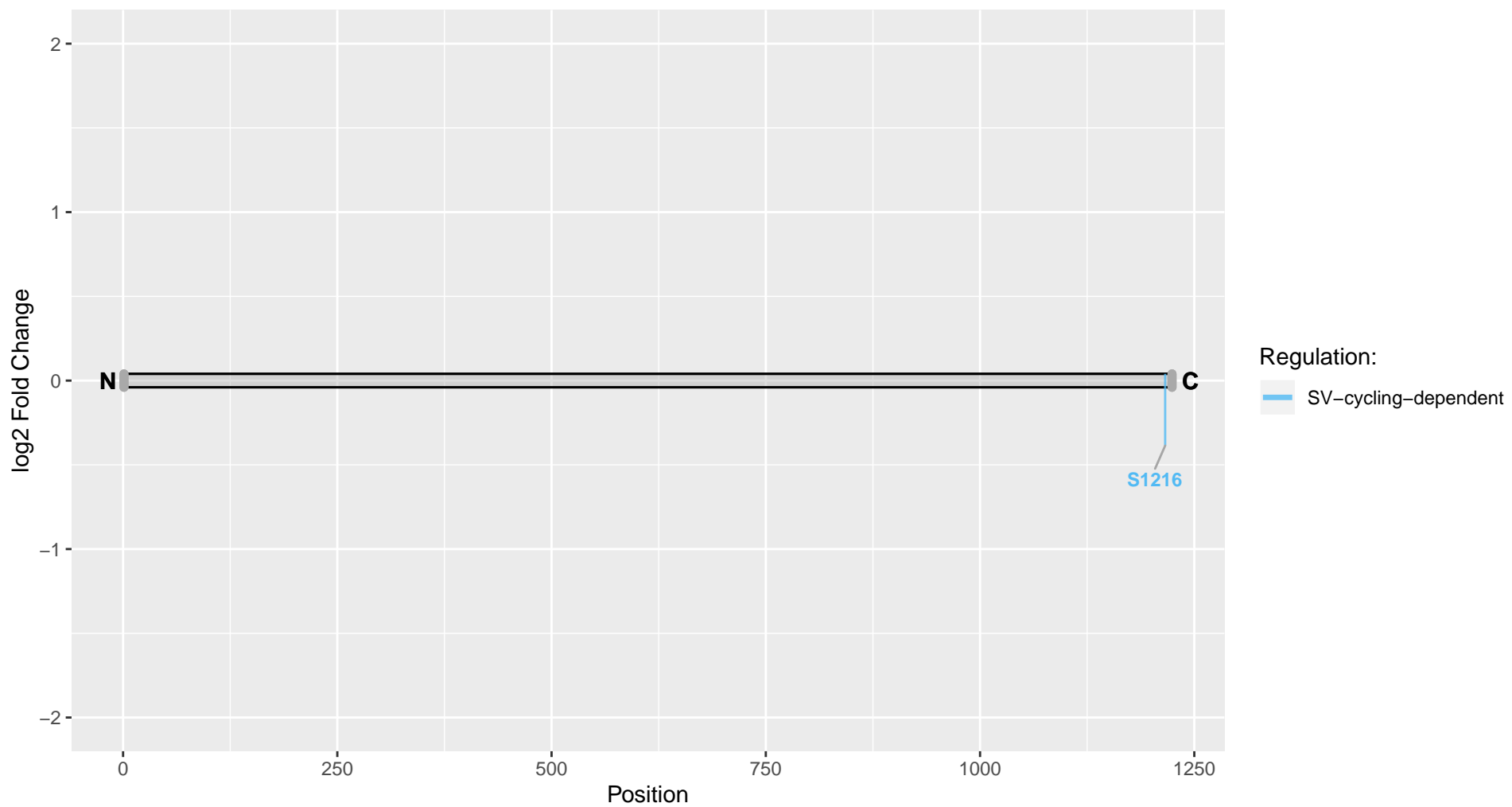
WD repeat and FYVE domain-containing 3



Wdr11

Uniprot Accession: D3Z9L5

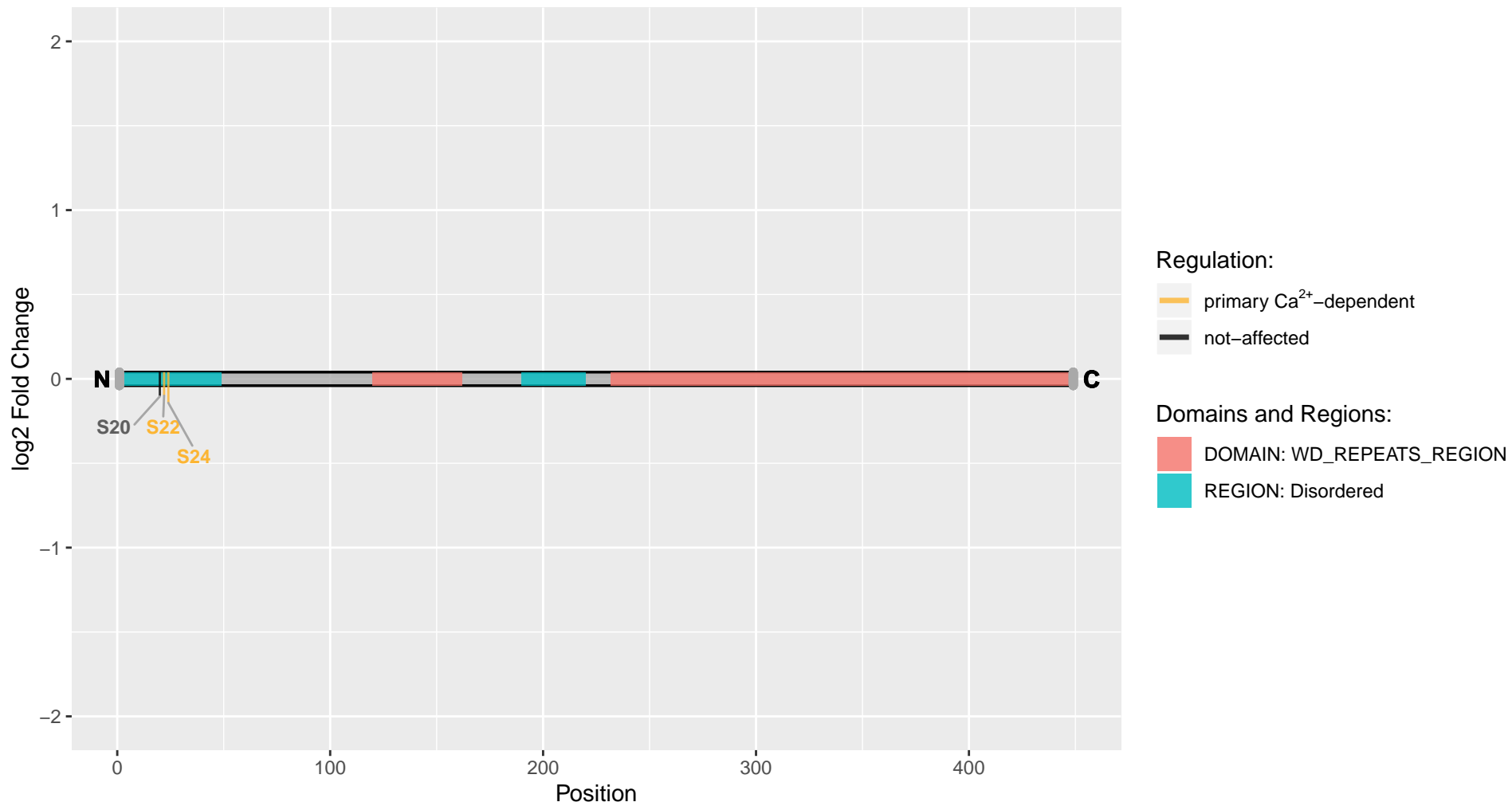
WD repeat domain 11



Wdr37

Uniprot Accession: D3ZQ02

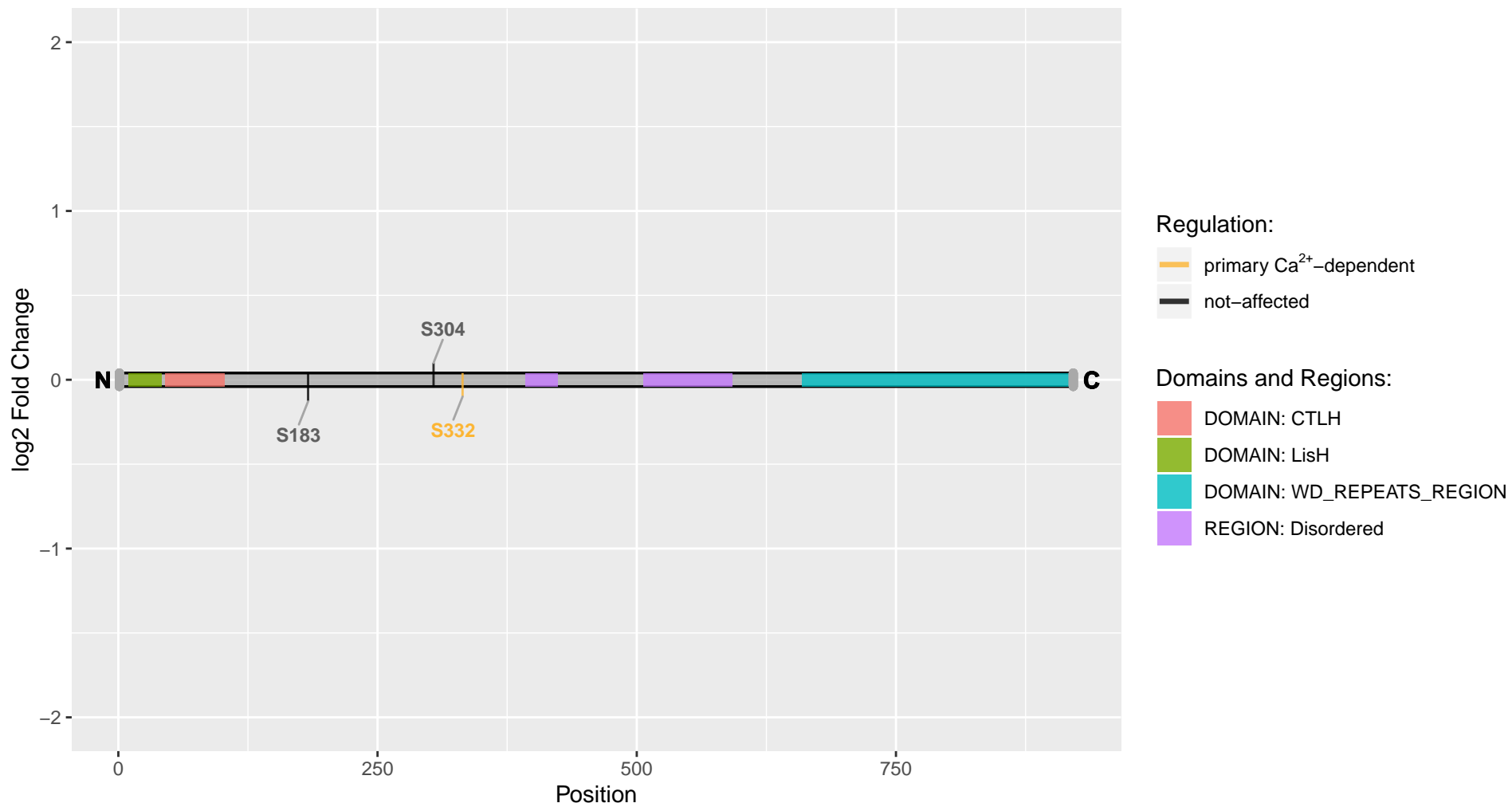
WD repeat domain 37



Wdr47

Uniprot Accession: G3V9M3

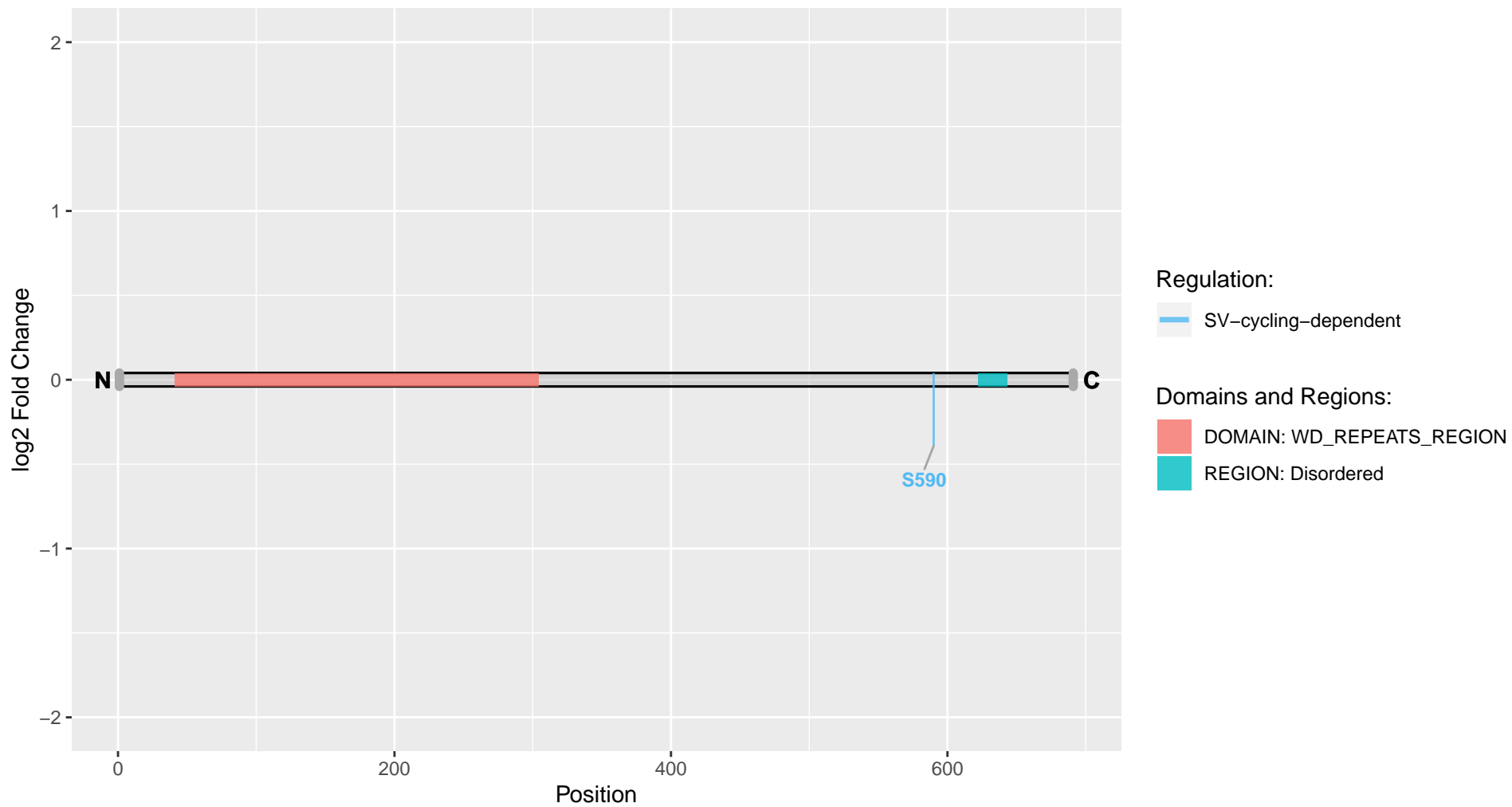
RCG28460



Wdr48

Uniprot Accession: A0A0G2KAW5

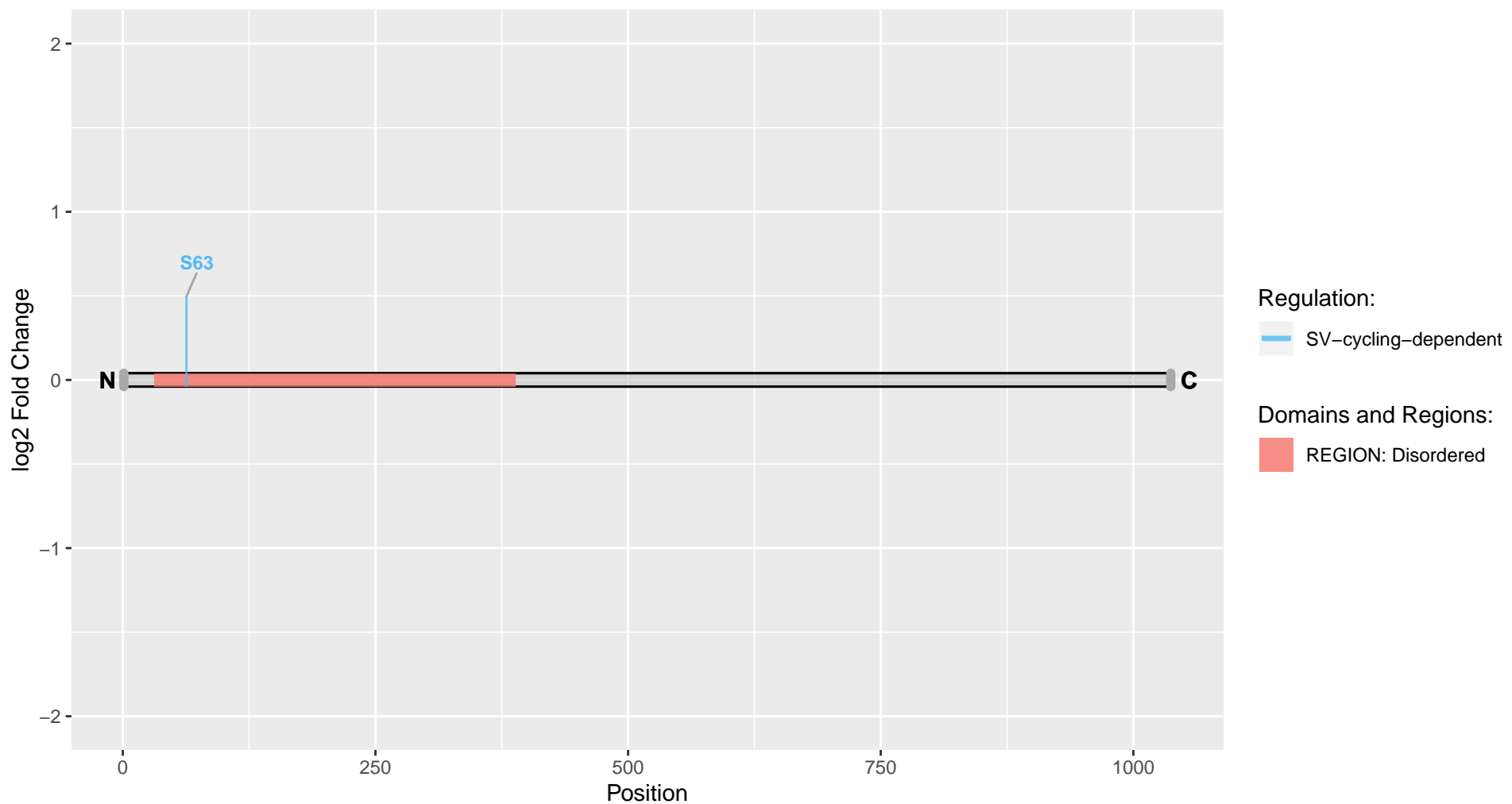
WD repeat domain 48



Wdr60

Uniprot Accession: A0A0G2K1X3

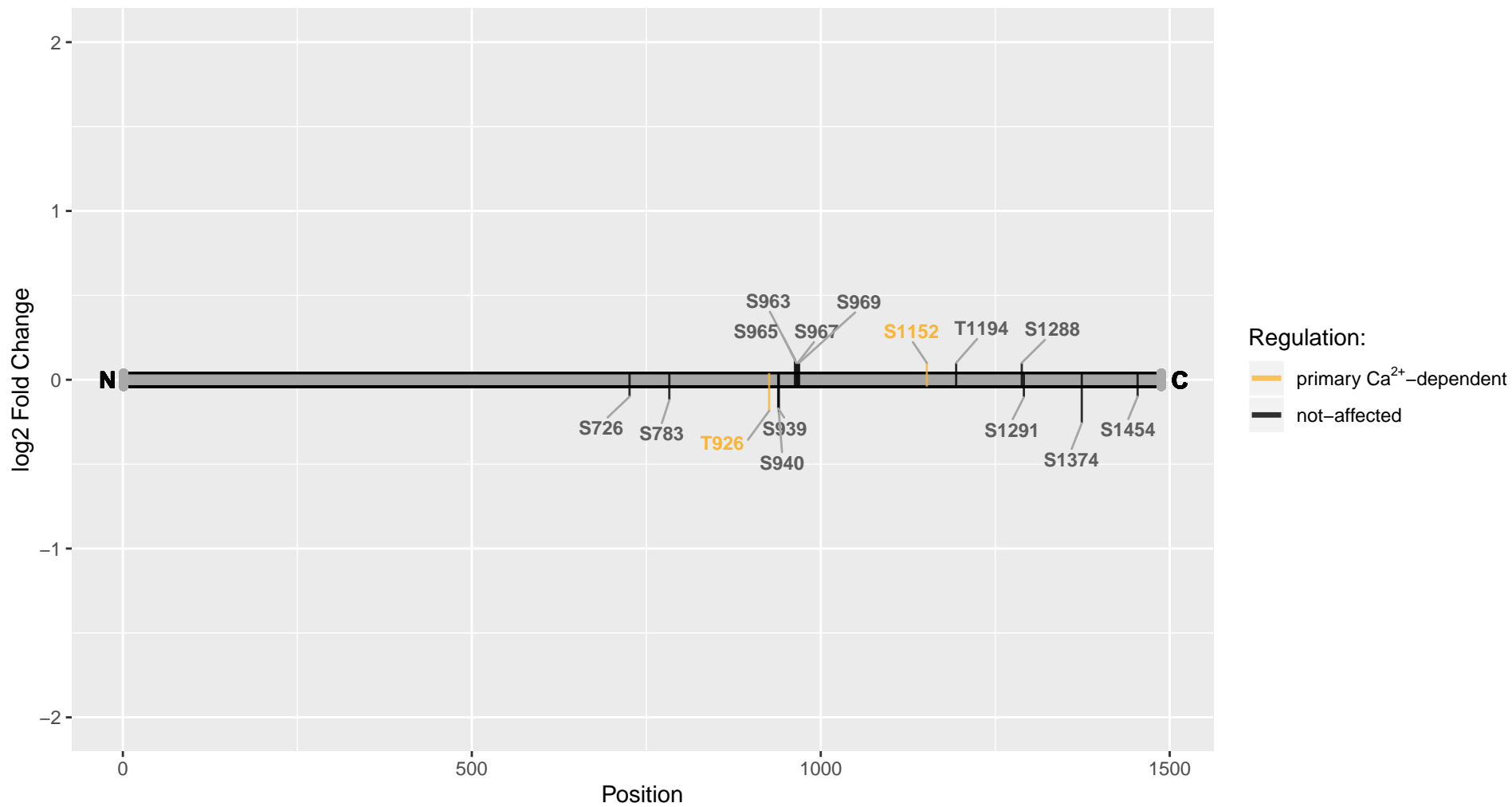
WD repeat domain 60



Wdr7

Uniprot Accession: Q9ERH3

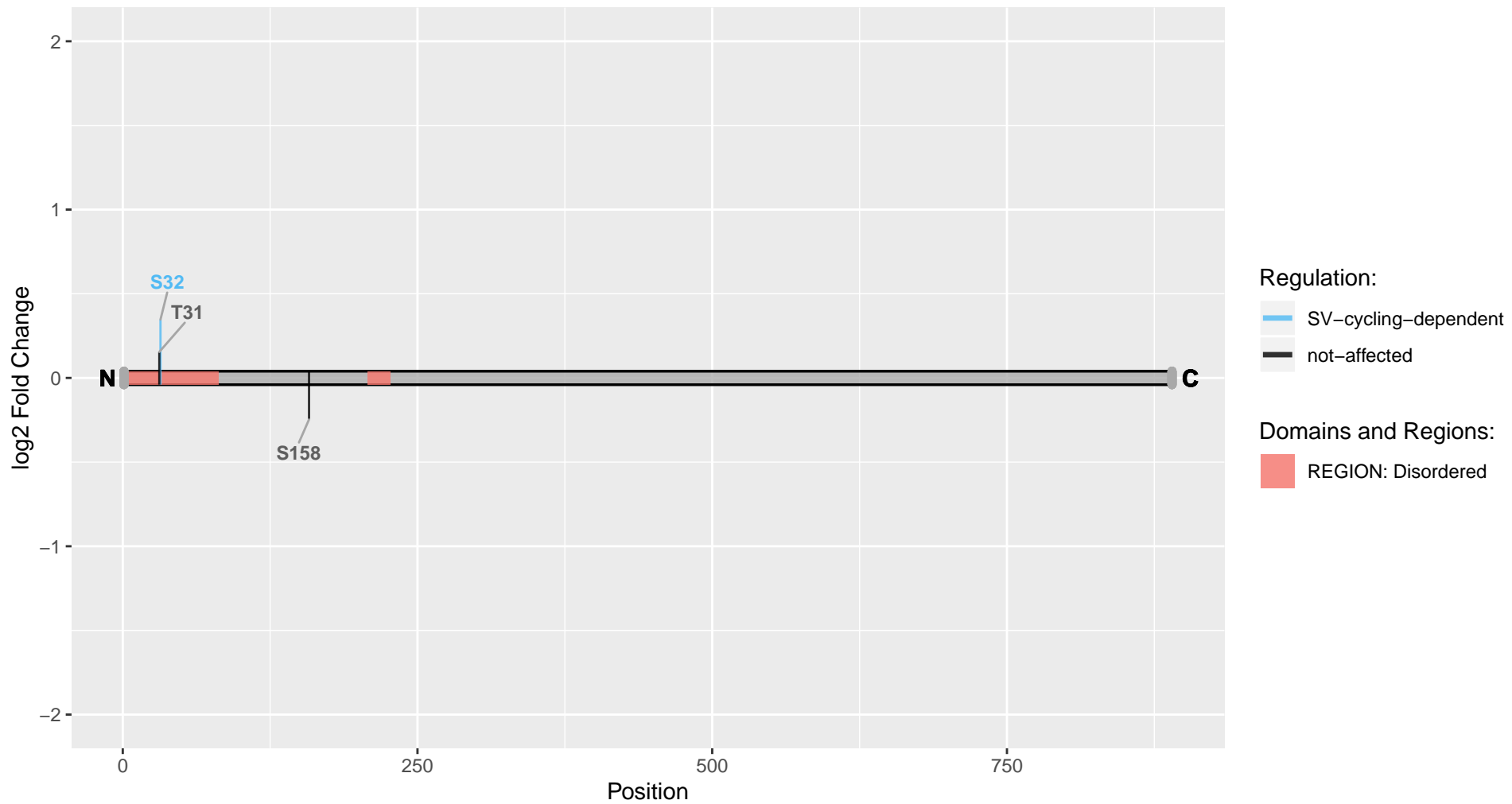
WD repeat-containing protein 7



Wfs1

Uniprot Accession: E9PT53

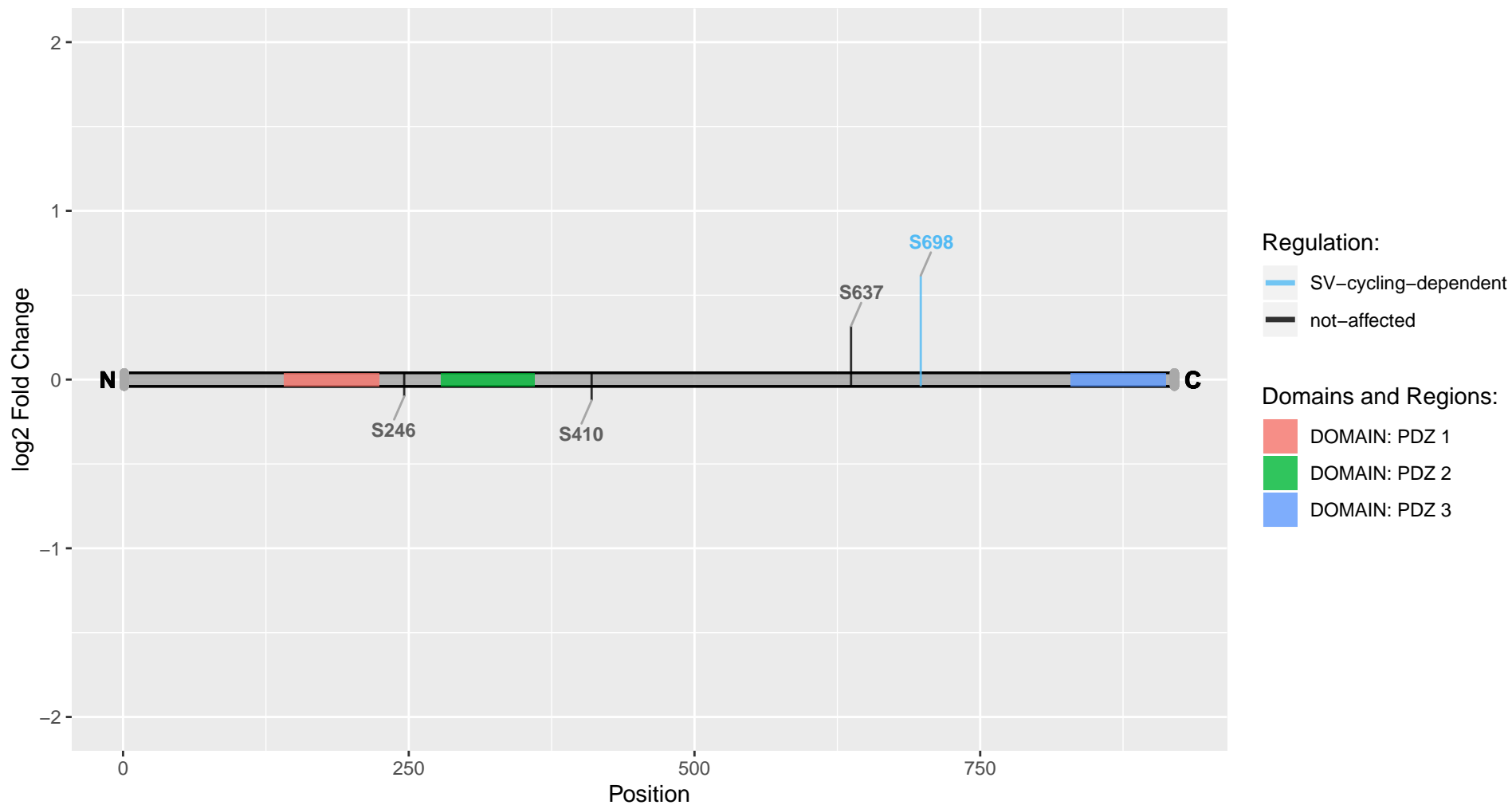
Wolfram syndrome 1 homolog (Human)



Whrn

Uniprot Accession: Q810W9

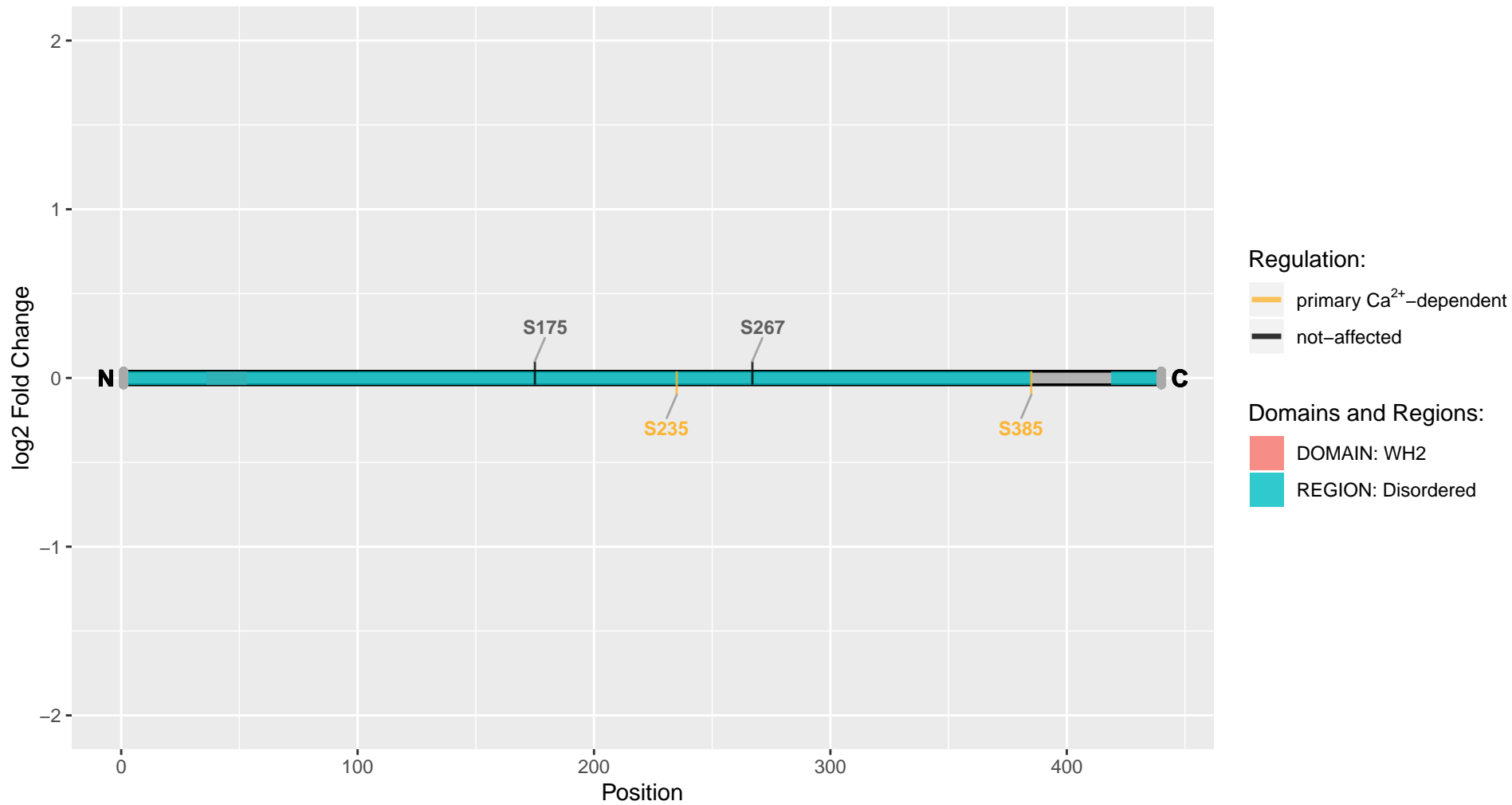
Whirlin



Wipf2

Uniprot Accession: D3ZUD3

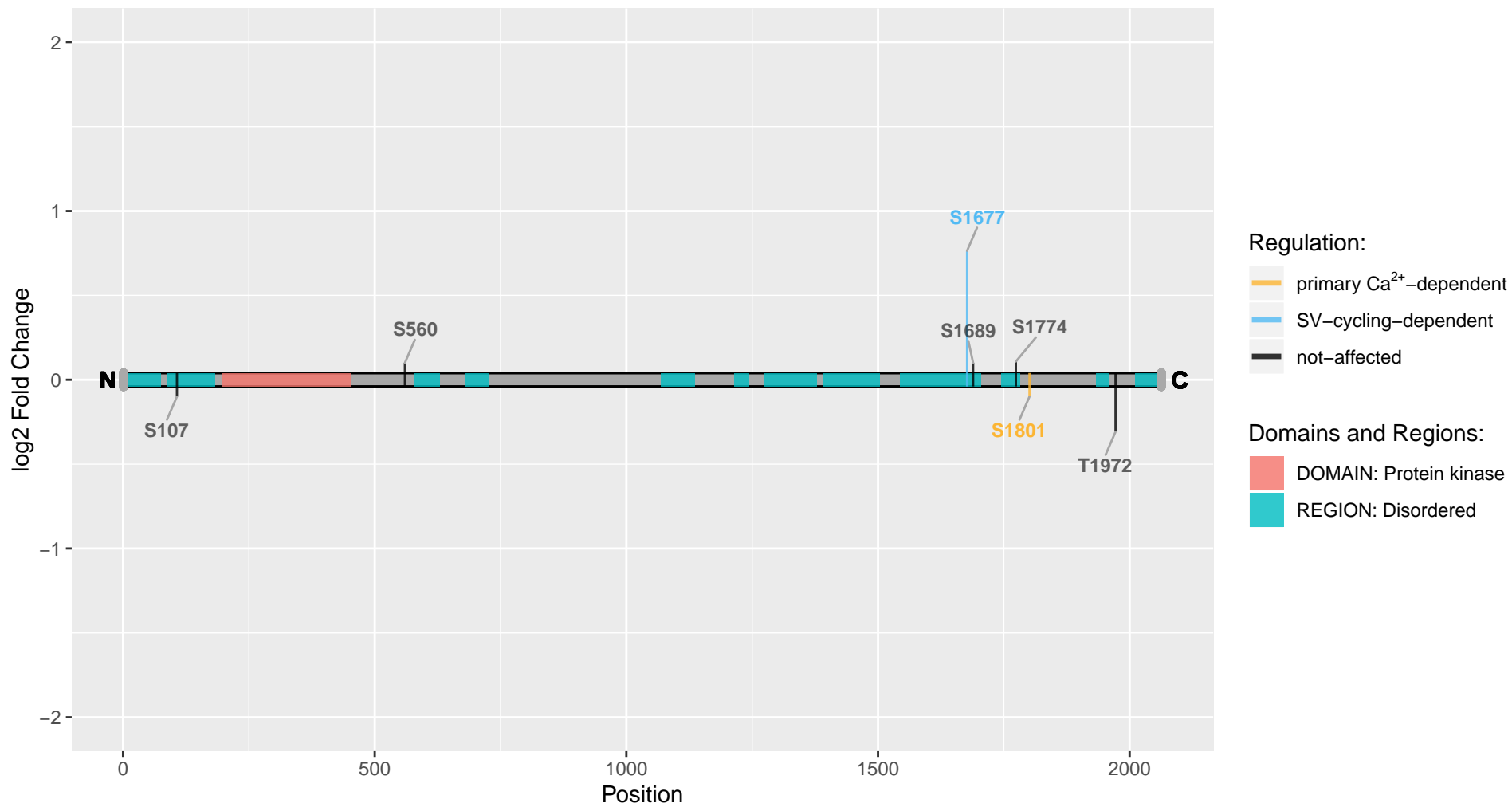
WAS/WASL-interacting protein family, member 2



Wnk2

Uniprot Accession: D3ZMJ7

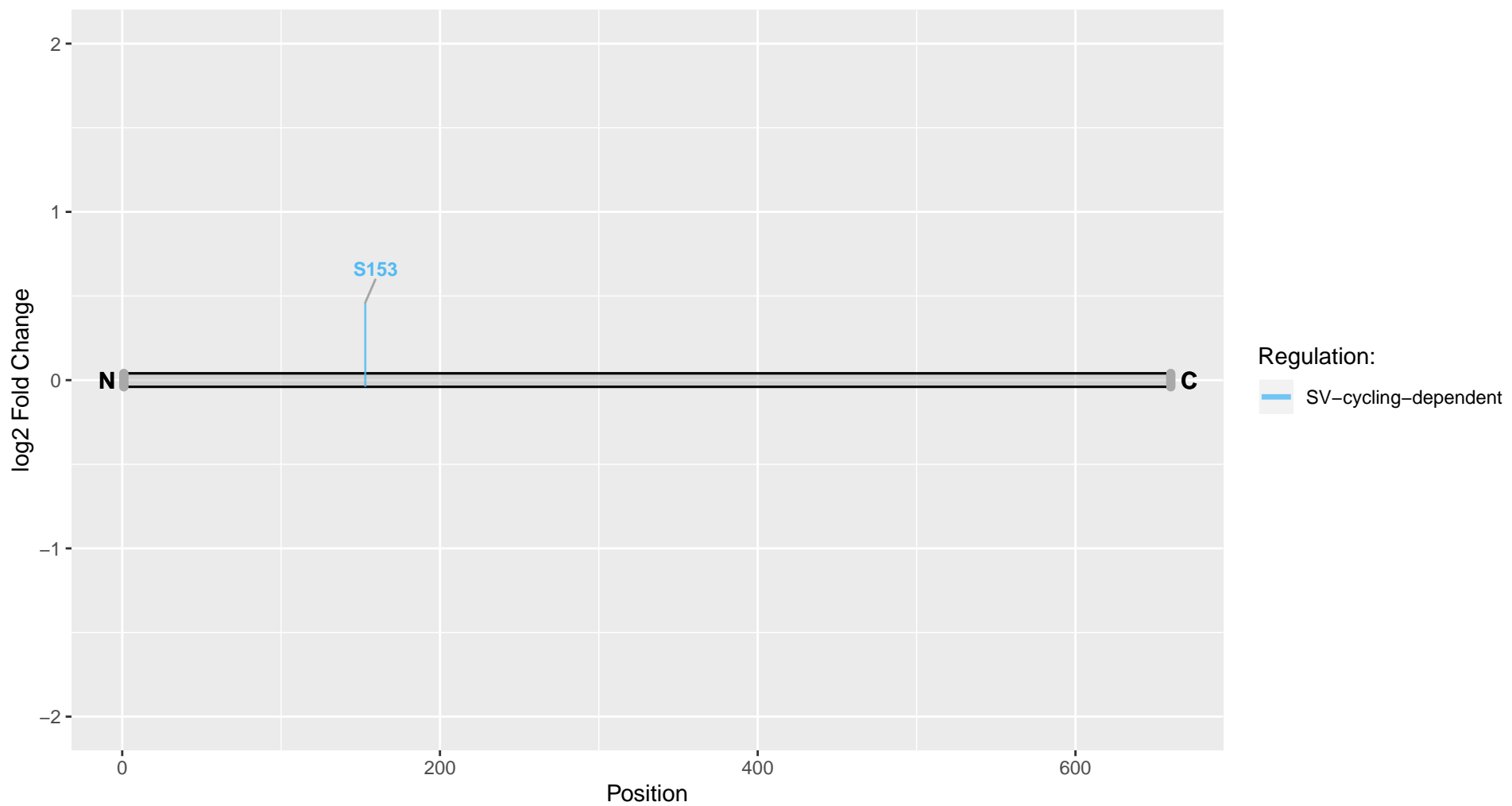
WNK lysine deficient protein kinase 2



Wrnip1

Uniprot Accession: Q8CG07

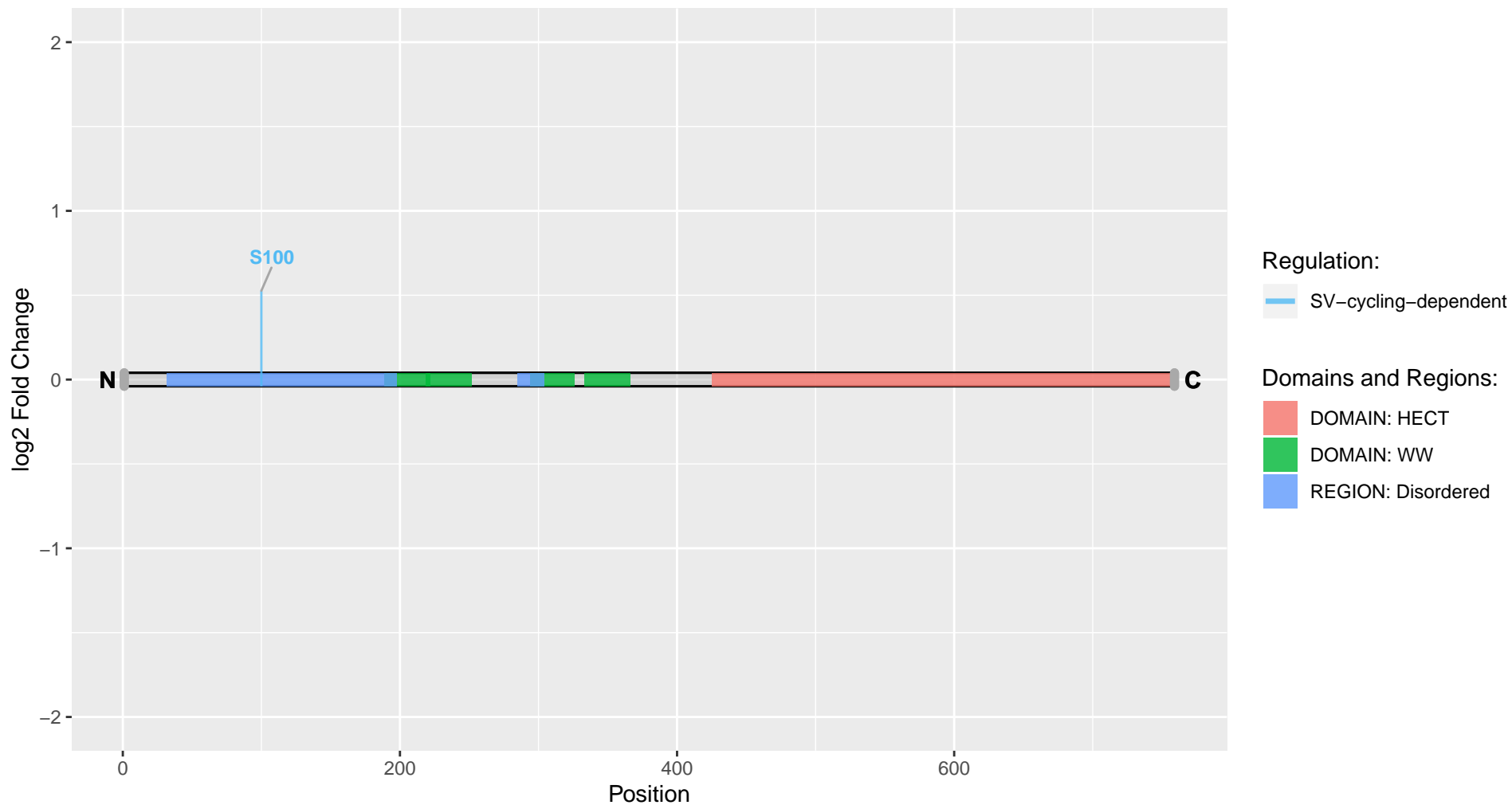
ATPase WRNIP1



Wwp2

Uniprot Accession: F7EYF1

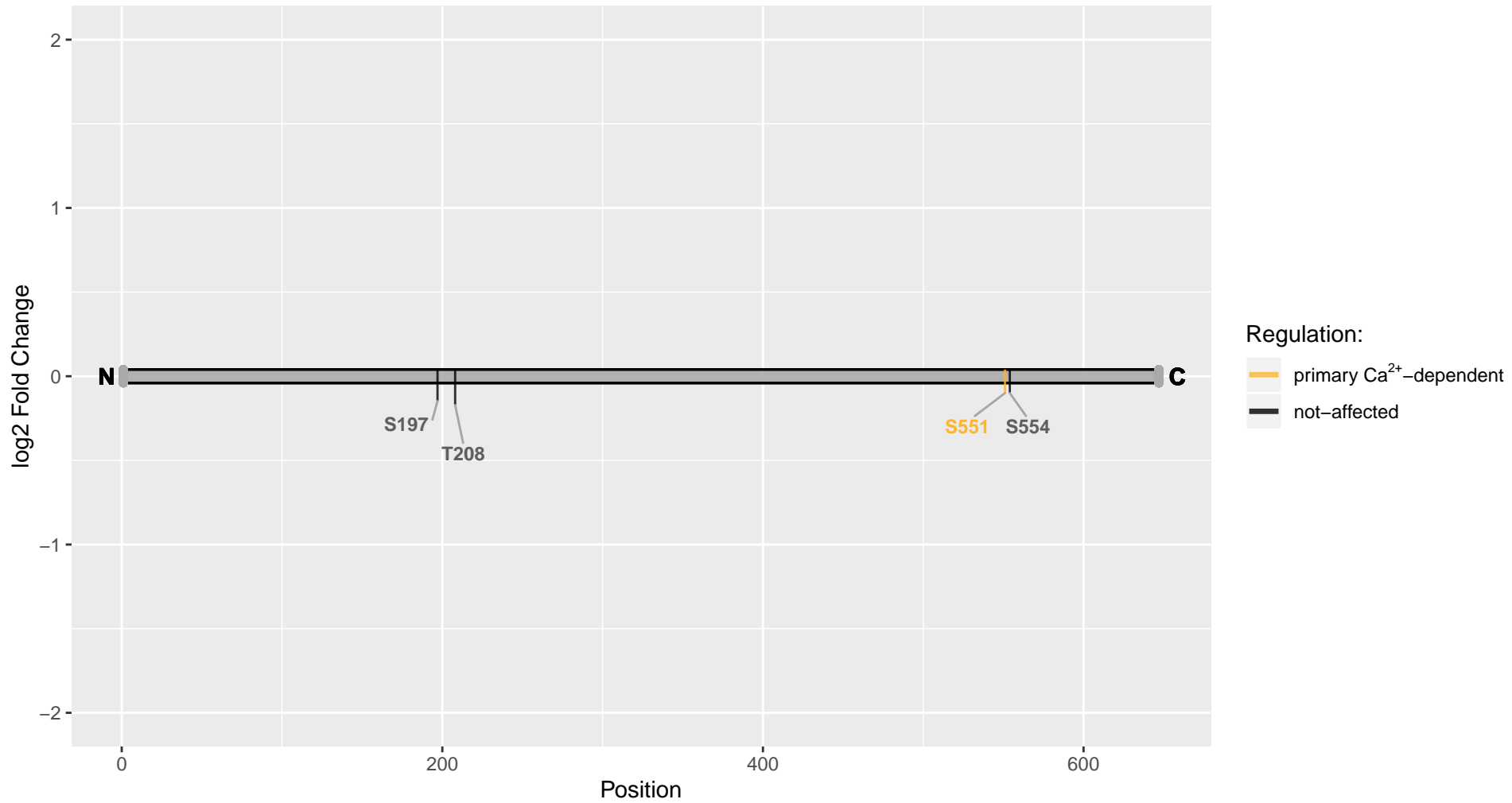
WW domain-containing E3 ubiquitin protein ligase 2 (Fragment)



Xkr4

Uniprot Accession: Q5GH59

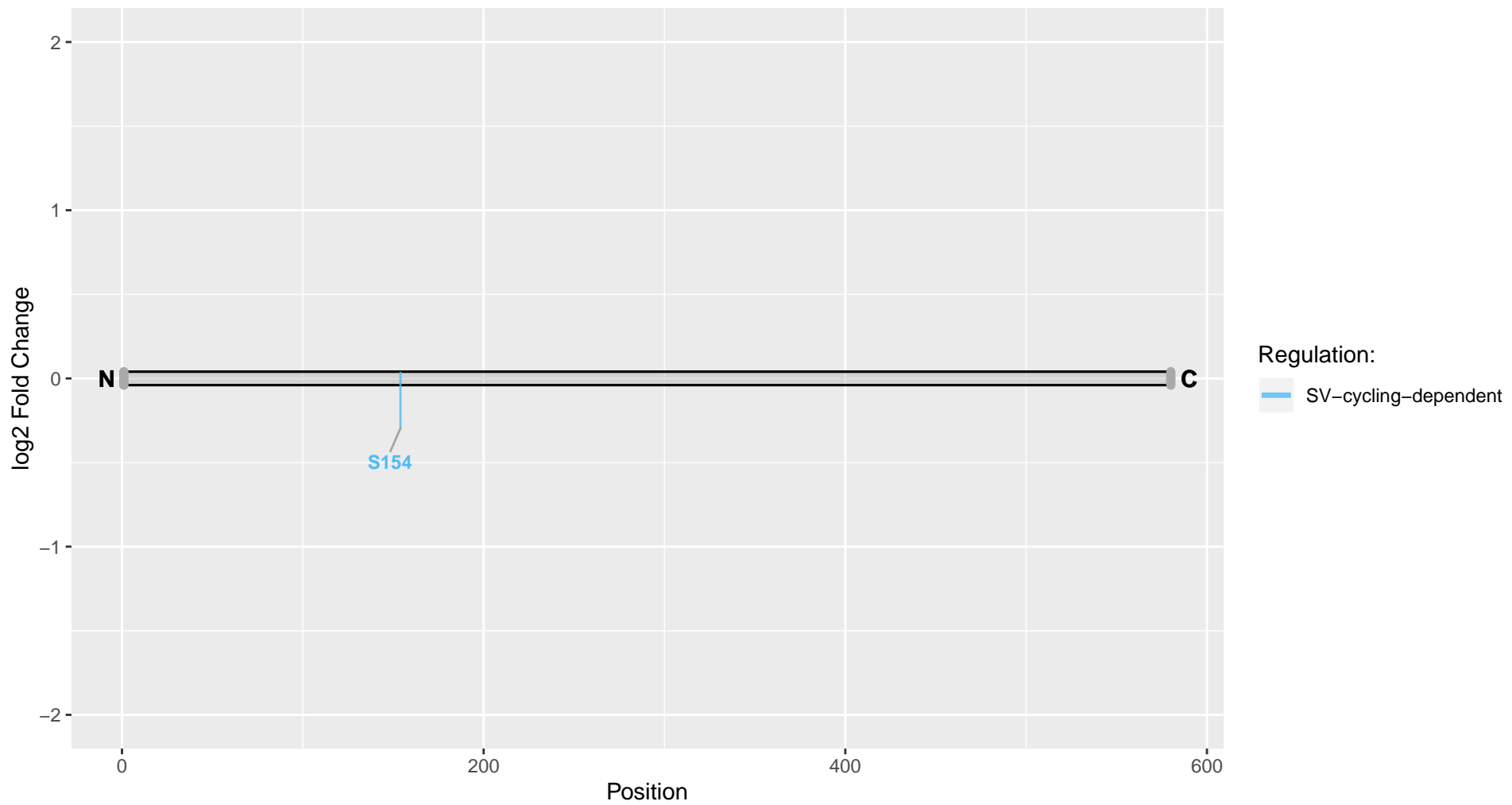
XK-related protein 4



Xkr7

Uniprot Accession: Q5GH56

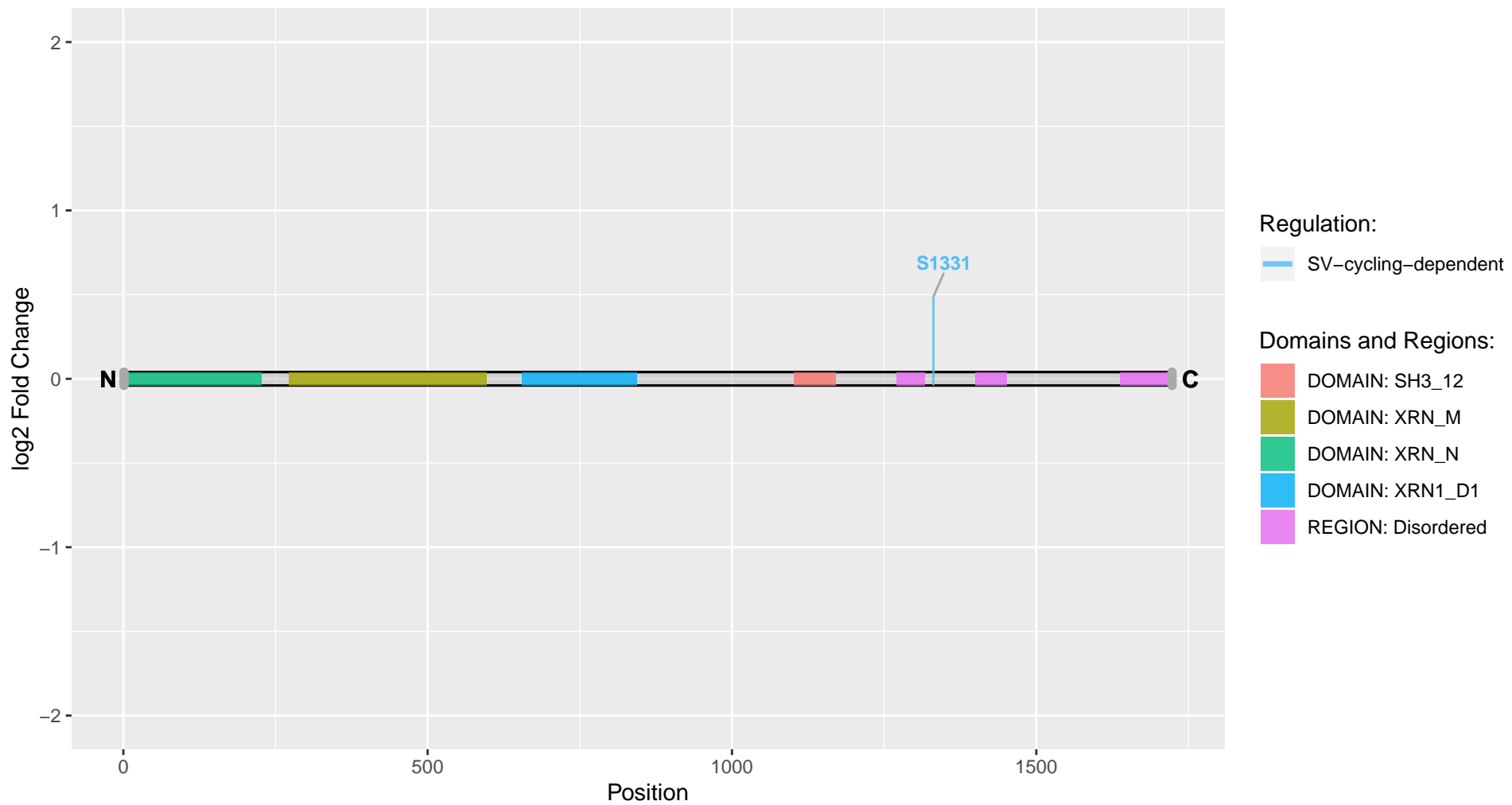
XK-related protein 7



Xrn1

Uniprot Accession: D4ABN8

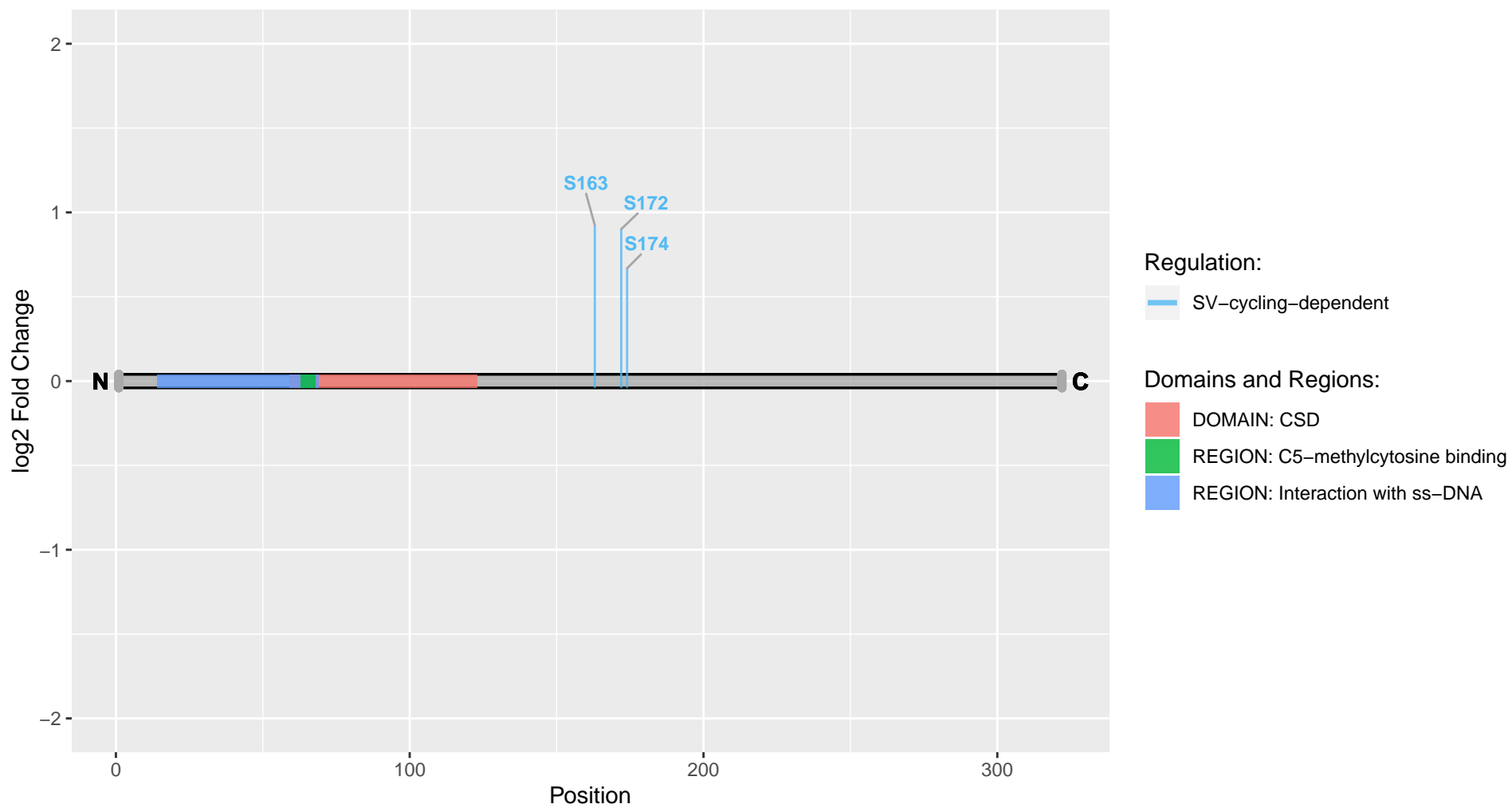
5'-3' exoribonuclease 1



Ybx1

Uniprot Accession: P62961

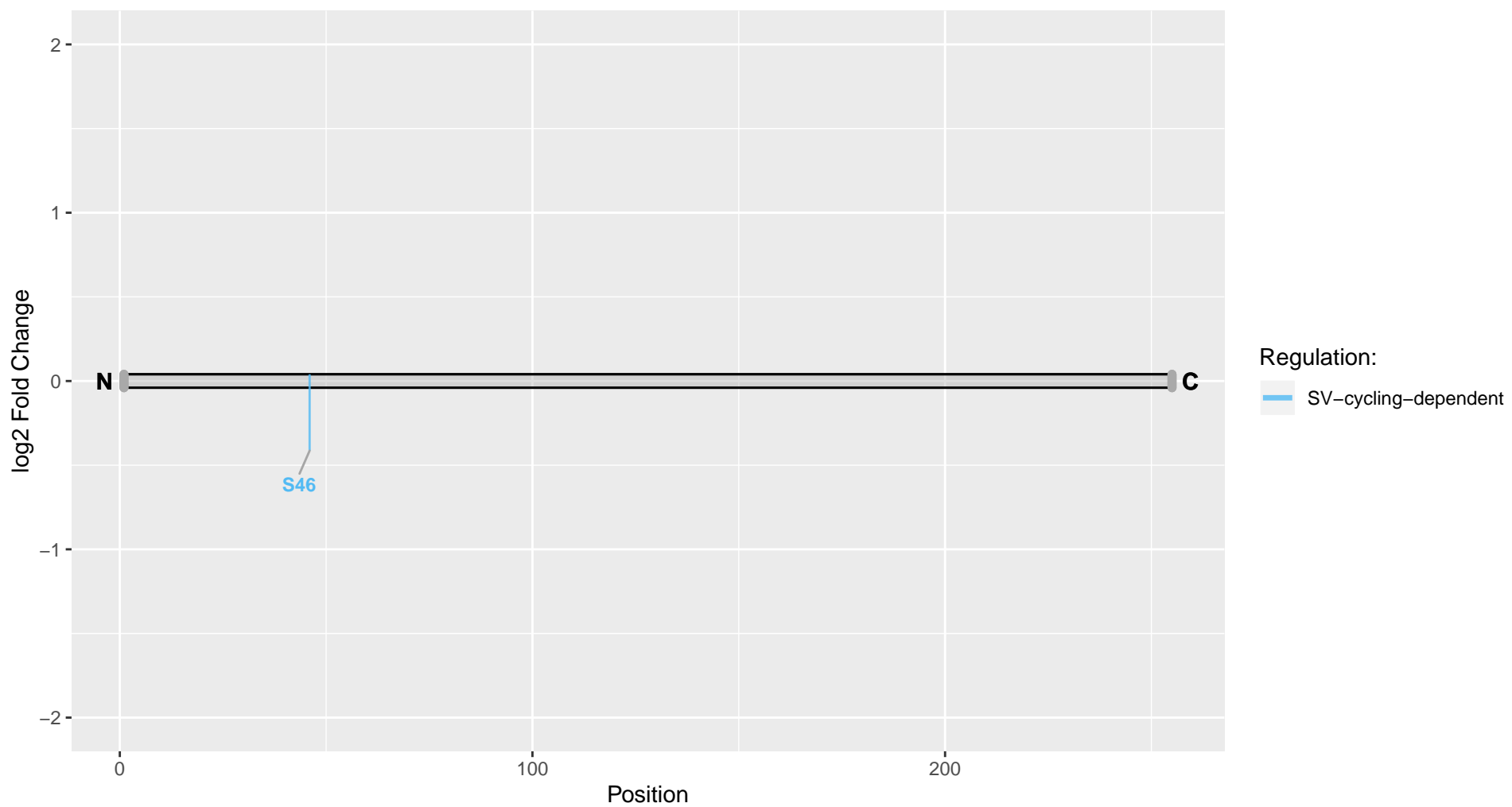
Nuclease-sensitive element-binding protein 1



Ywhae

Uniprot Accession: P62260

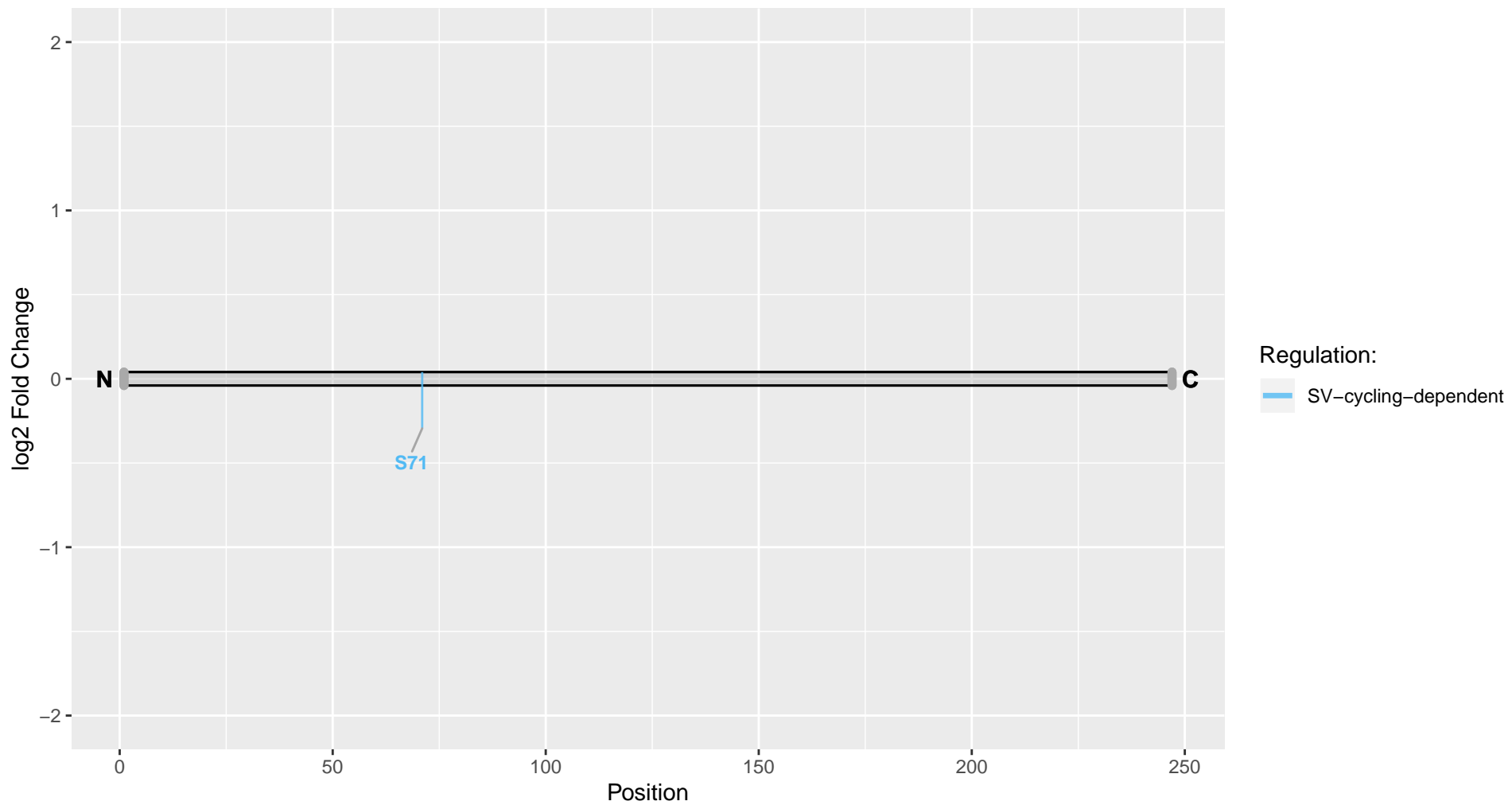
14-3-3 protein epsilon



Ywhag

Uniprot Accession: P61983

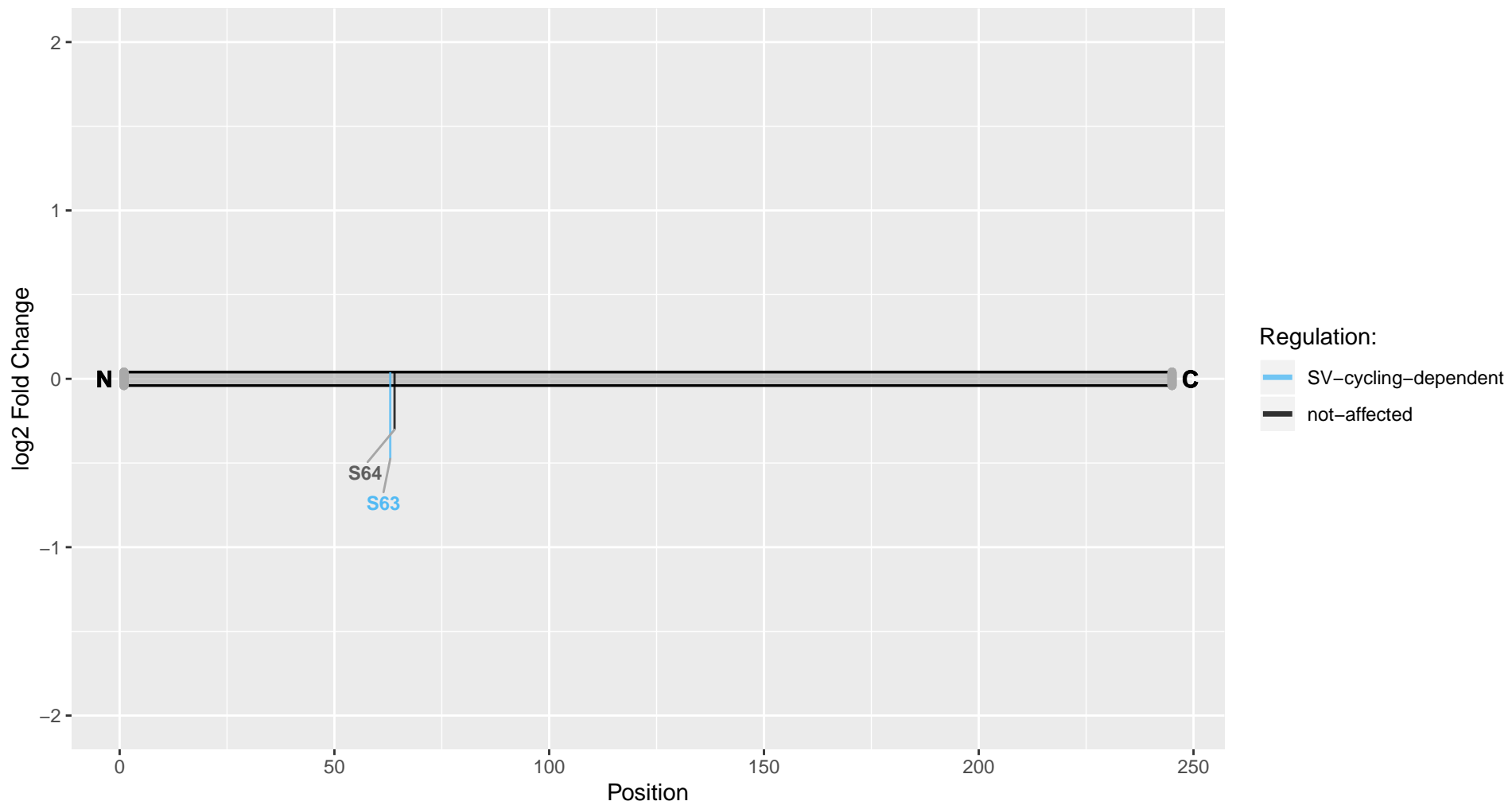
14-3-3 protein gamma



Ywhaz

Uniprot Accession: P63102

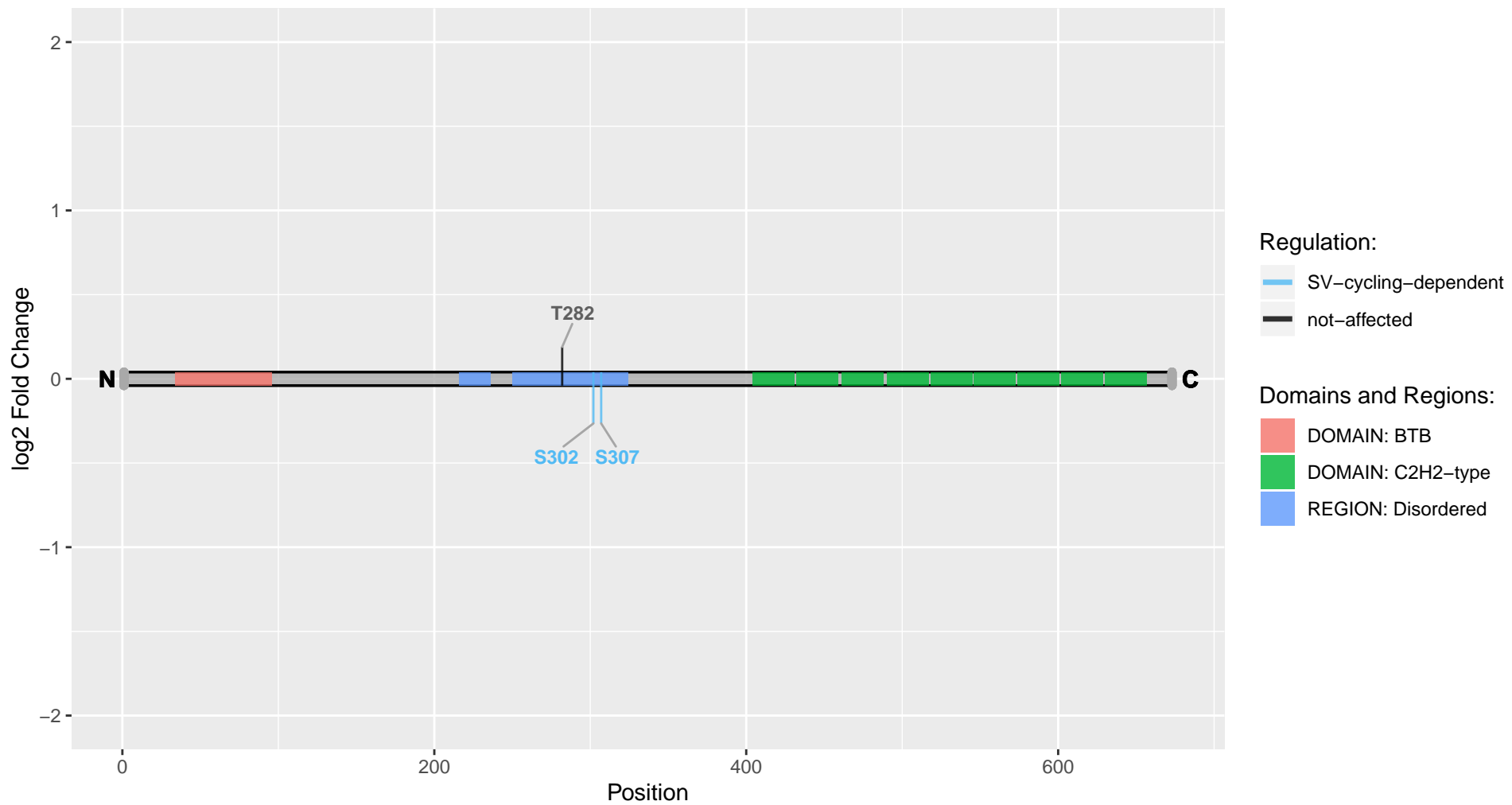
14-3-3 protein zeta/delta



Zbtb16

Uniprot Accession: Q5S3S9

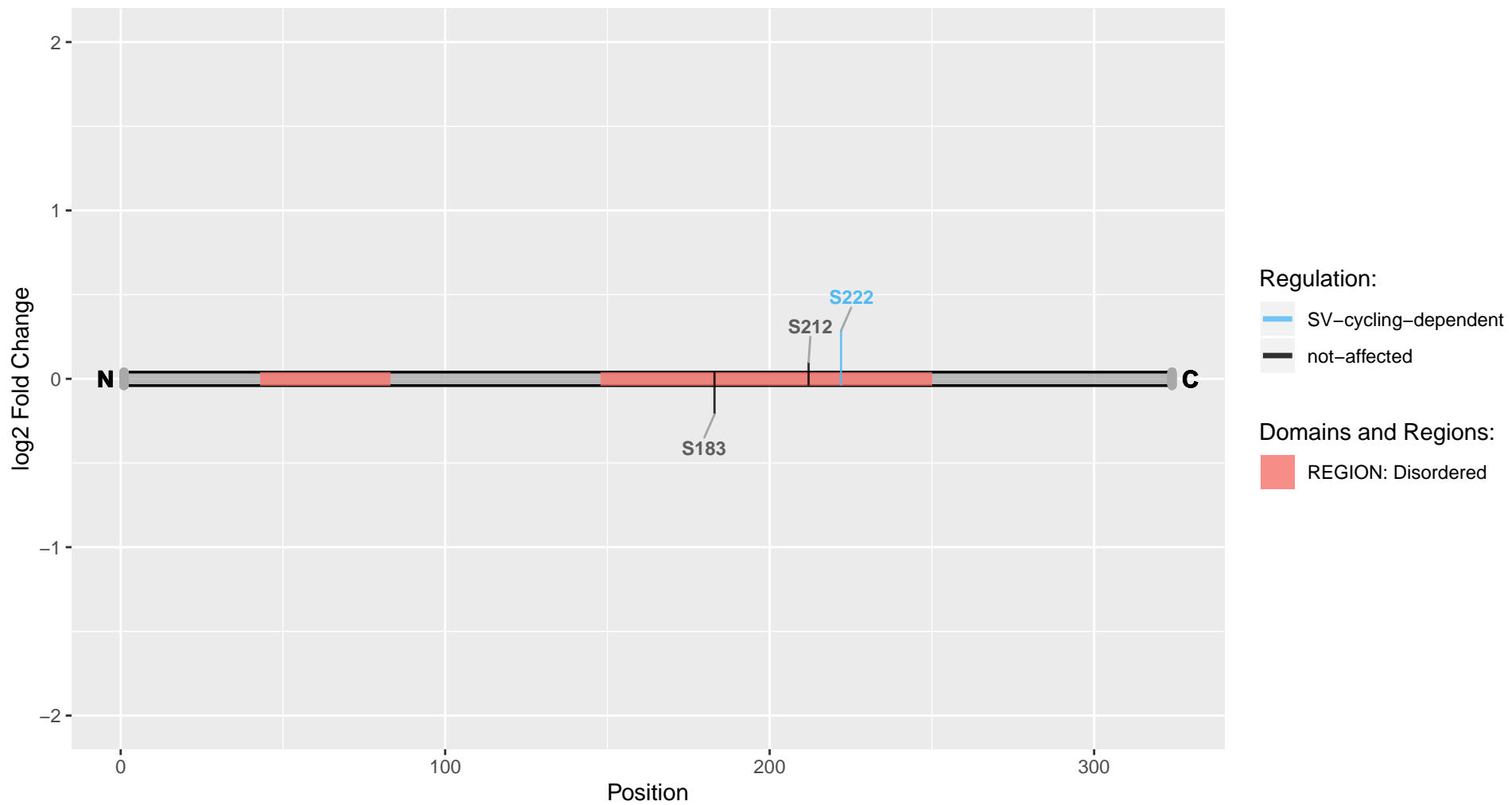
Promyelocytic leukemia zinc finger protein



Zc2hc1a

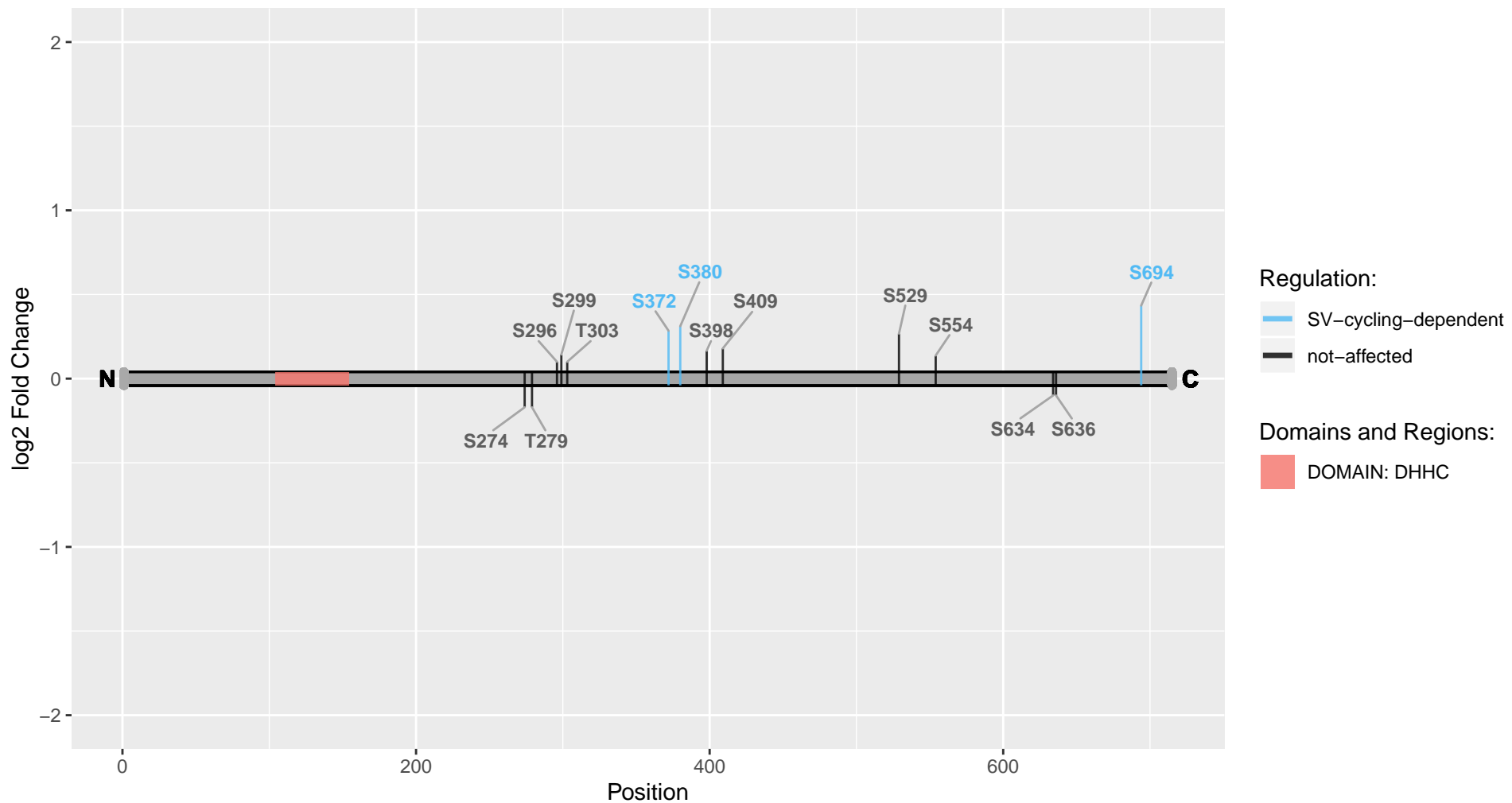
Uniprot Accession: A0A0G2K782

Zinc finger, C2HC-type-containing 1A



Zdhhc5

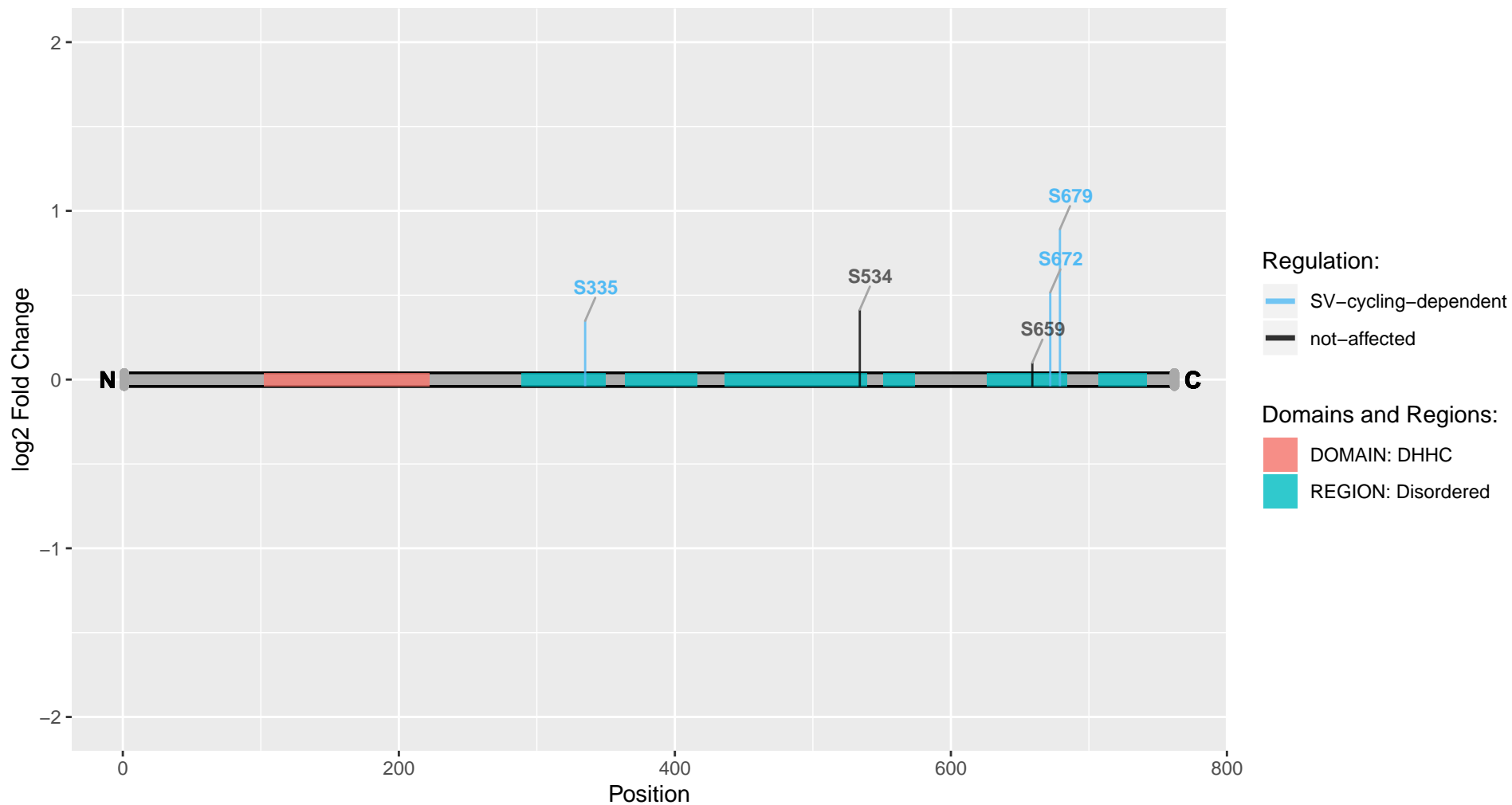
Uniprot Accession: Q2THW7
Palmitoyltransferase ZDHHC5



Zdhhc8

Uniprot Accession: Q2THW6

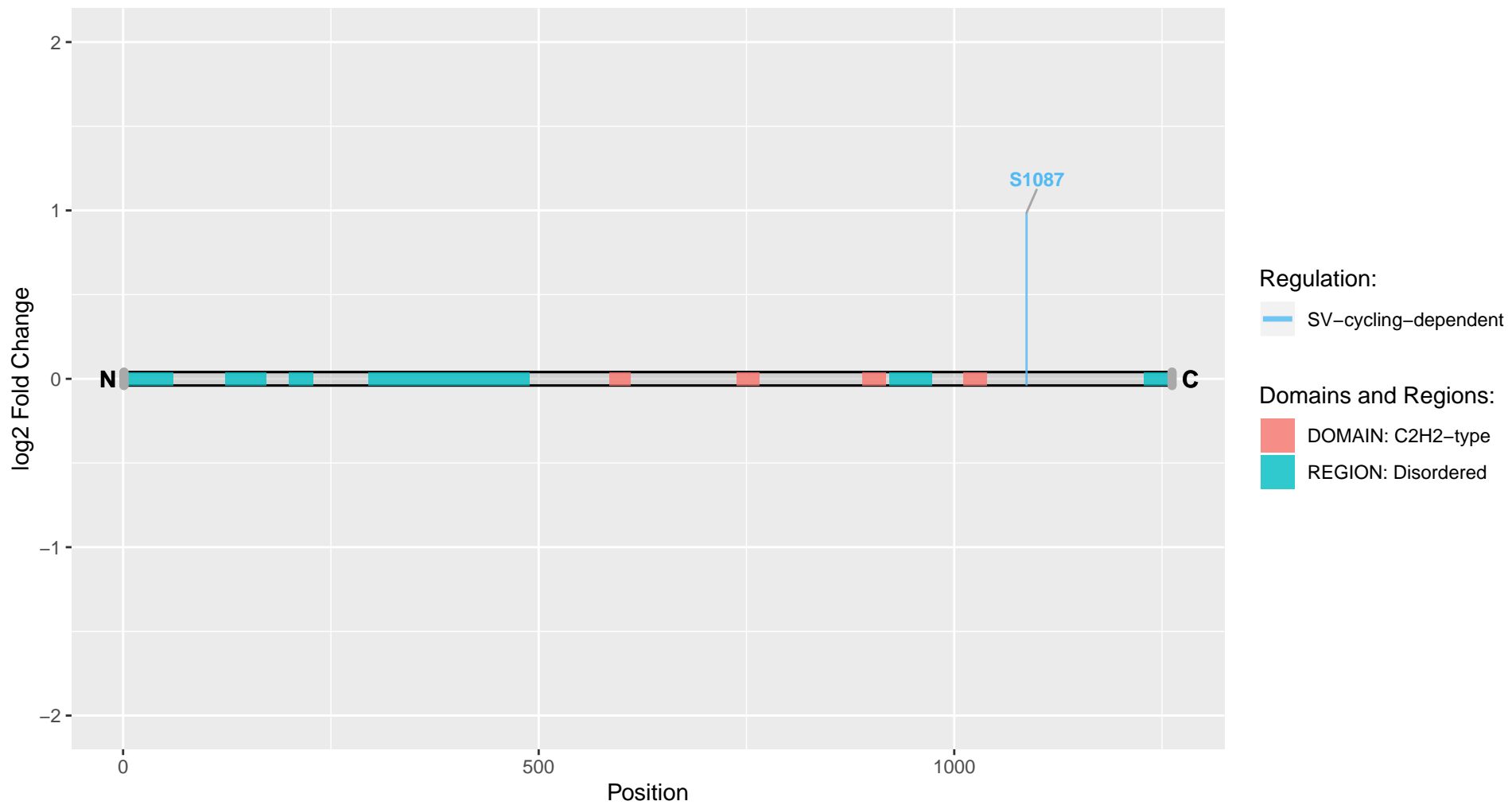
Palmitoyltransferase



Zfp592

Uniprot Accession: D3ZJG8

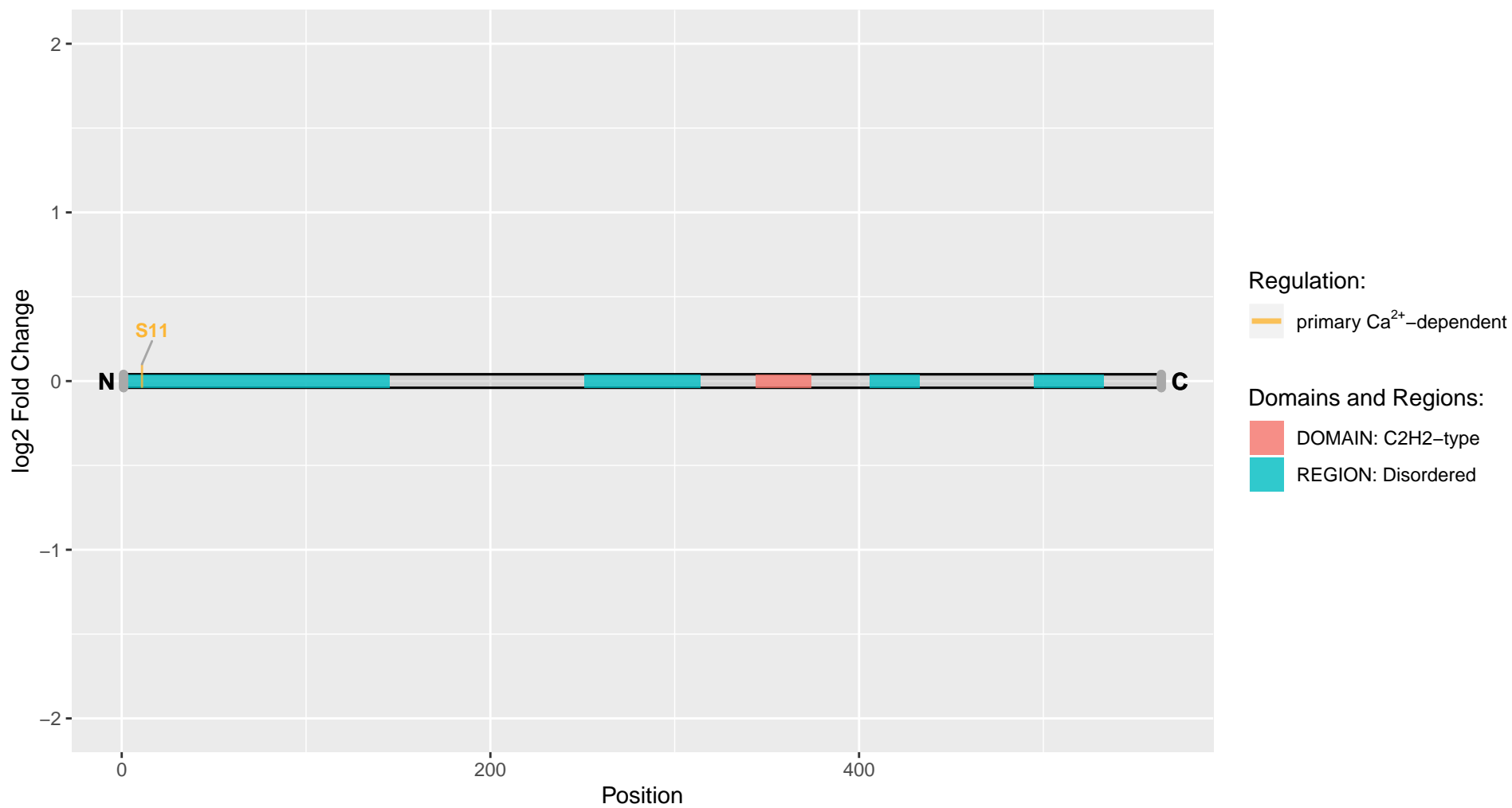
Zinc finger protein 592



Zfp704

Uniprot Accession: A0A0G2K951

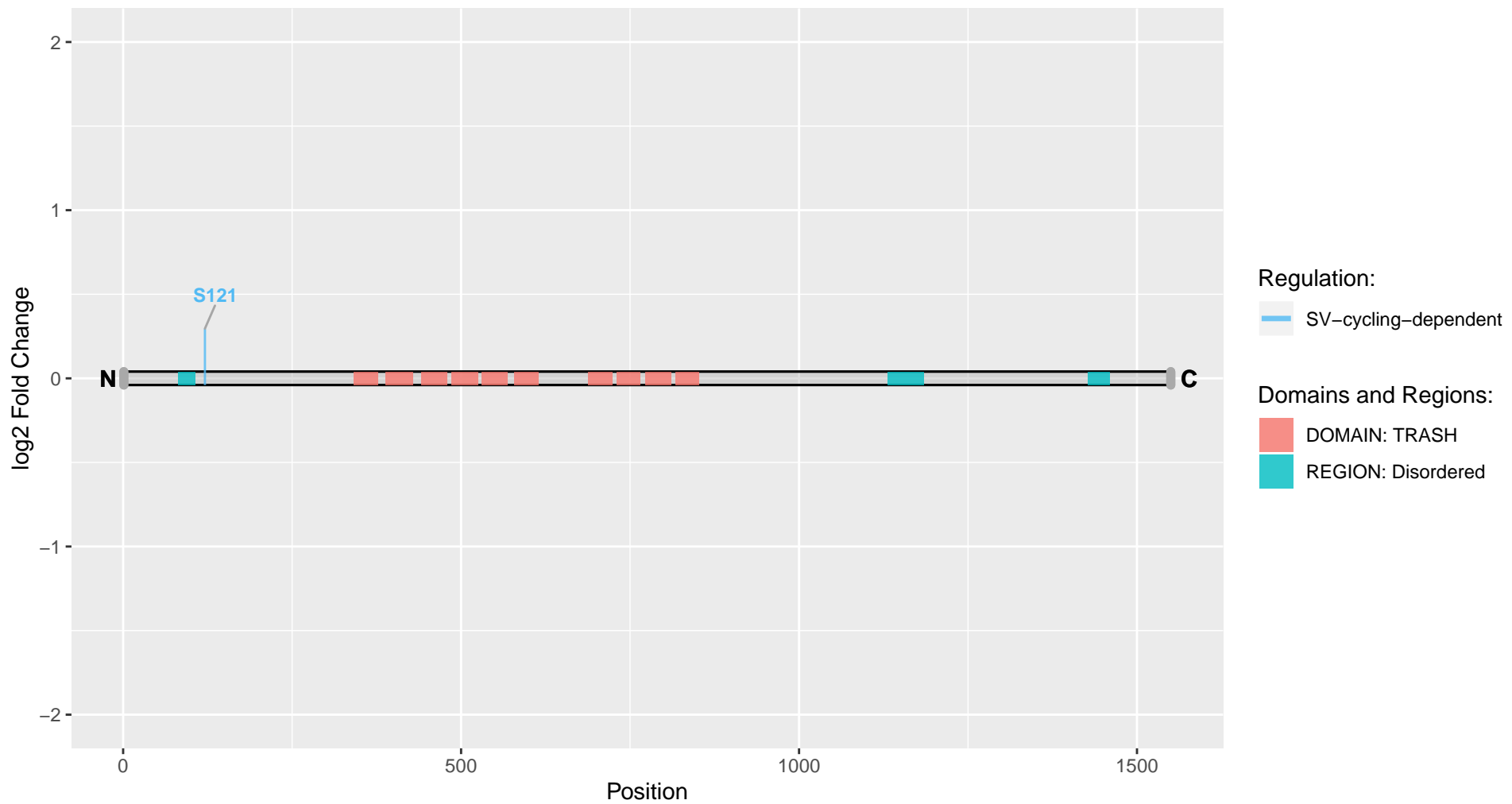
Zinc finger protein 704



Zmym4

Uniprot Accession: D4A069

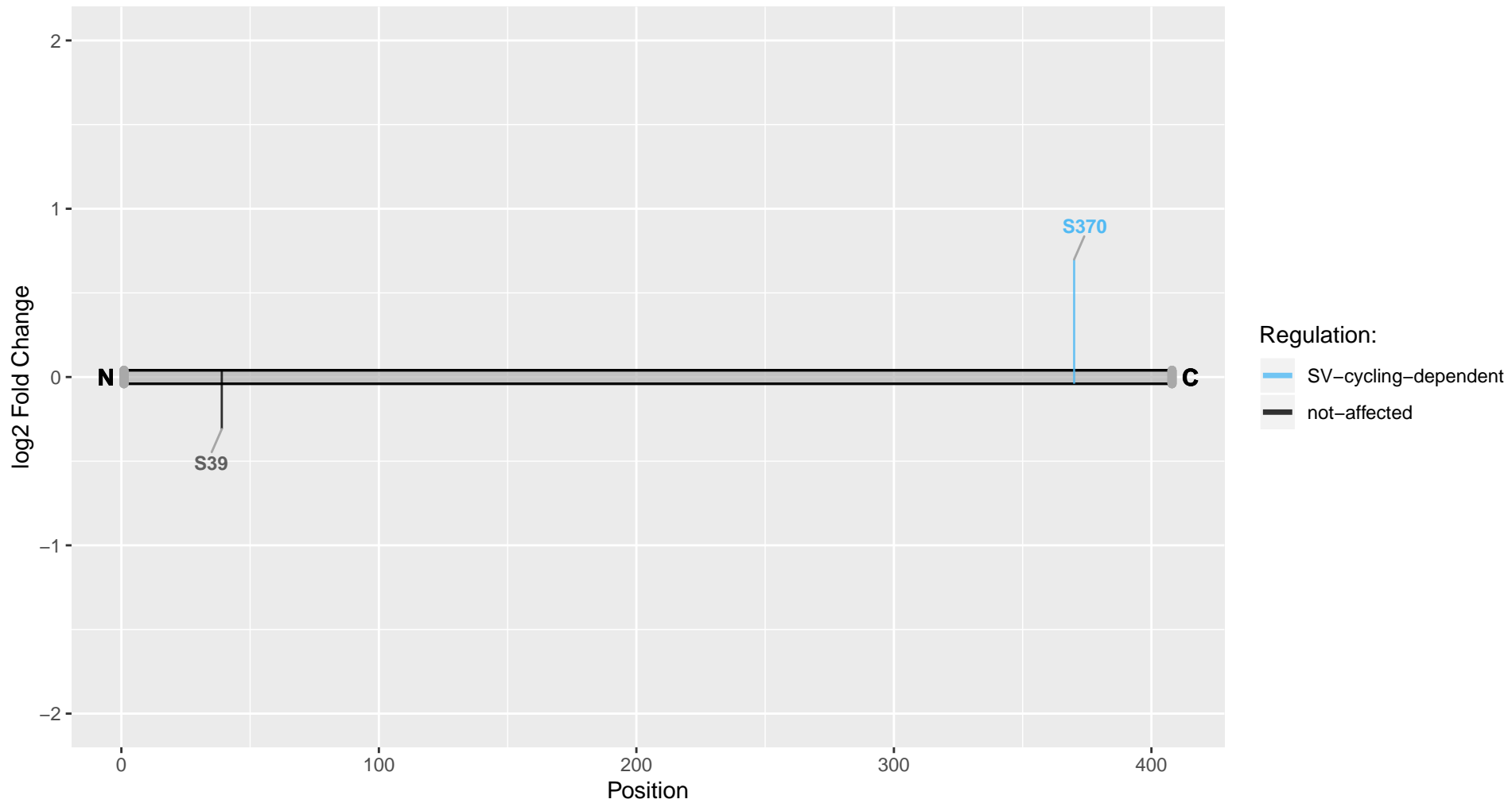
Zinc finger MYM-type-containing 4



Znf365

Uniprot Accession: Q5PQS2

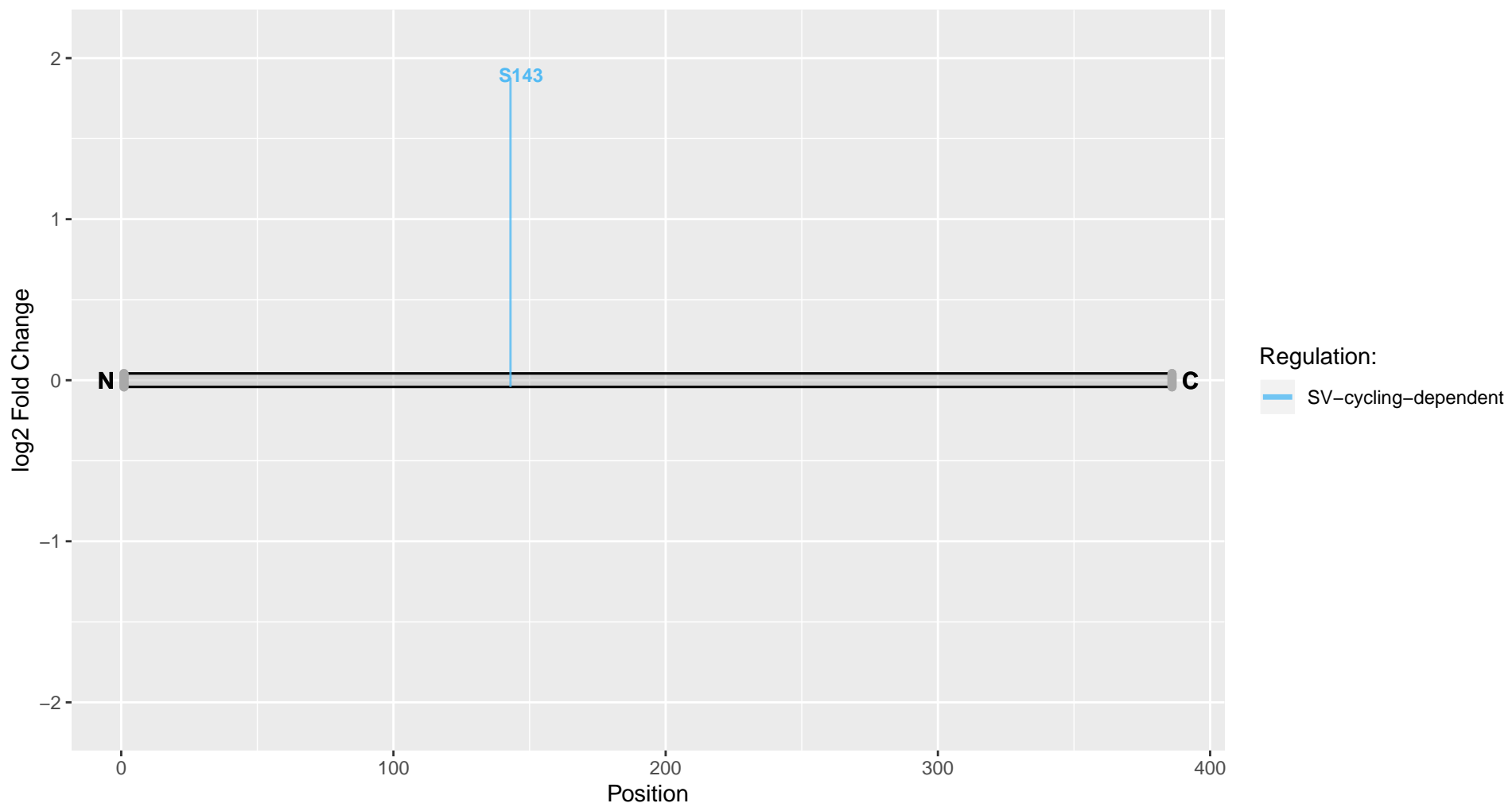
Protein ZNF365



Znf622

Uniprot Accession: Q7TM96

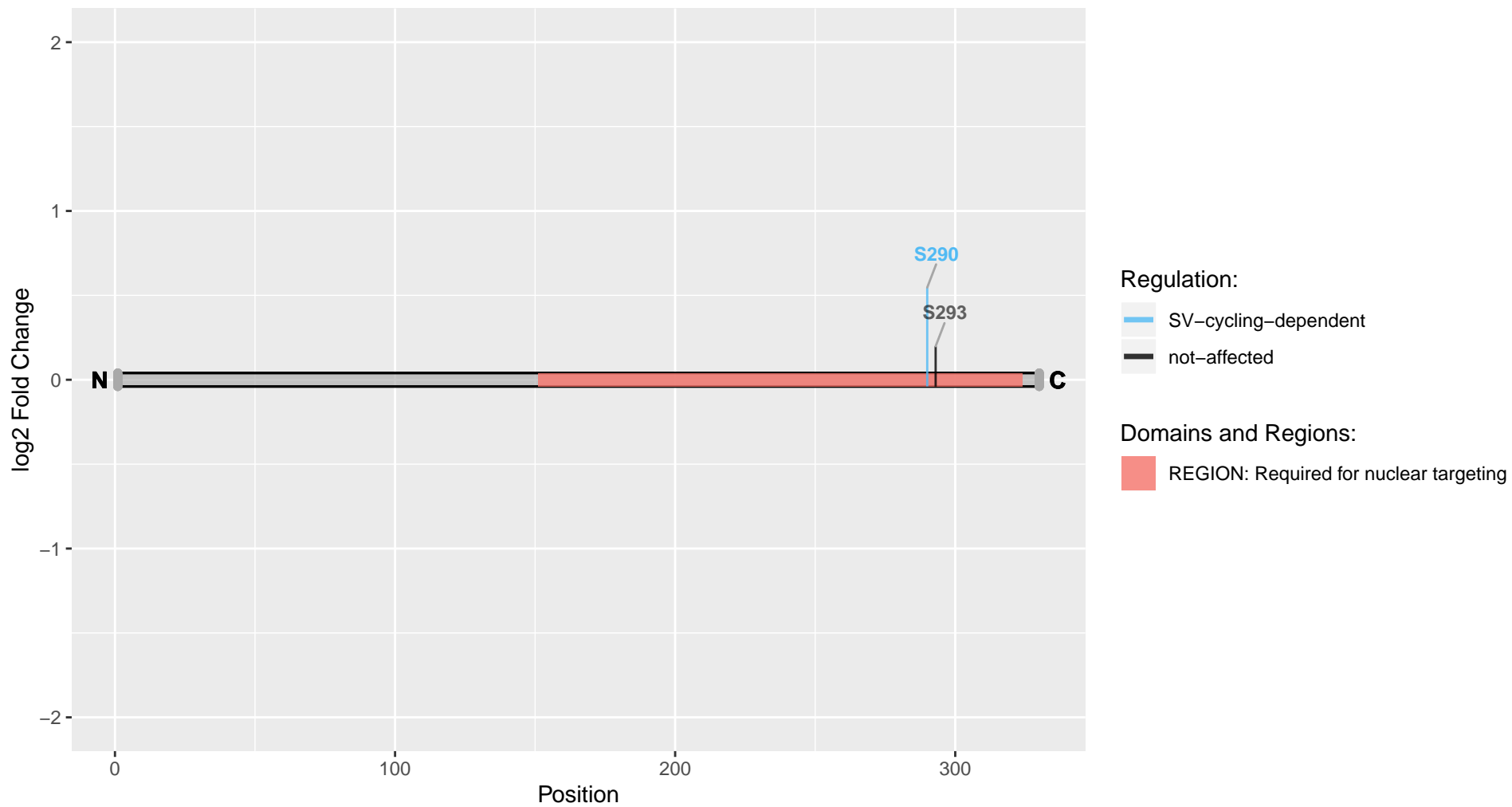
Zinc finger protein 622



Zranb2

Uniprot Accession: O35986

Zinc finger Ran-binding domain-containing protein 2



Zrsr1

Uniprot Accession: Q5RK33

Zinc finger (CCCH type), RNA-binding motif and serine/arginine-rich 1

