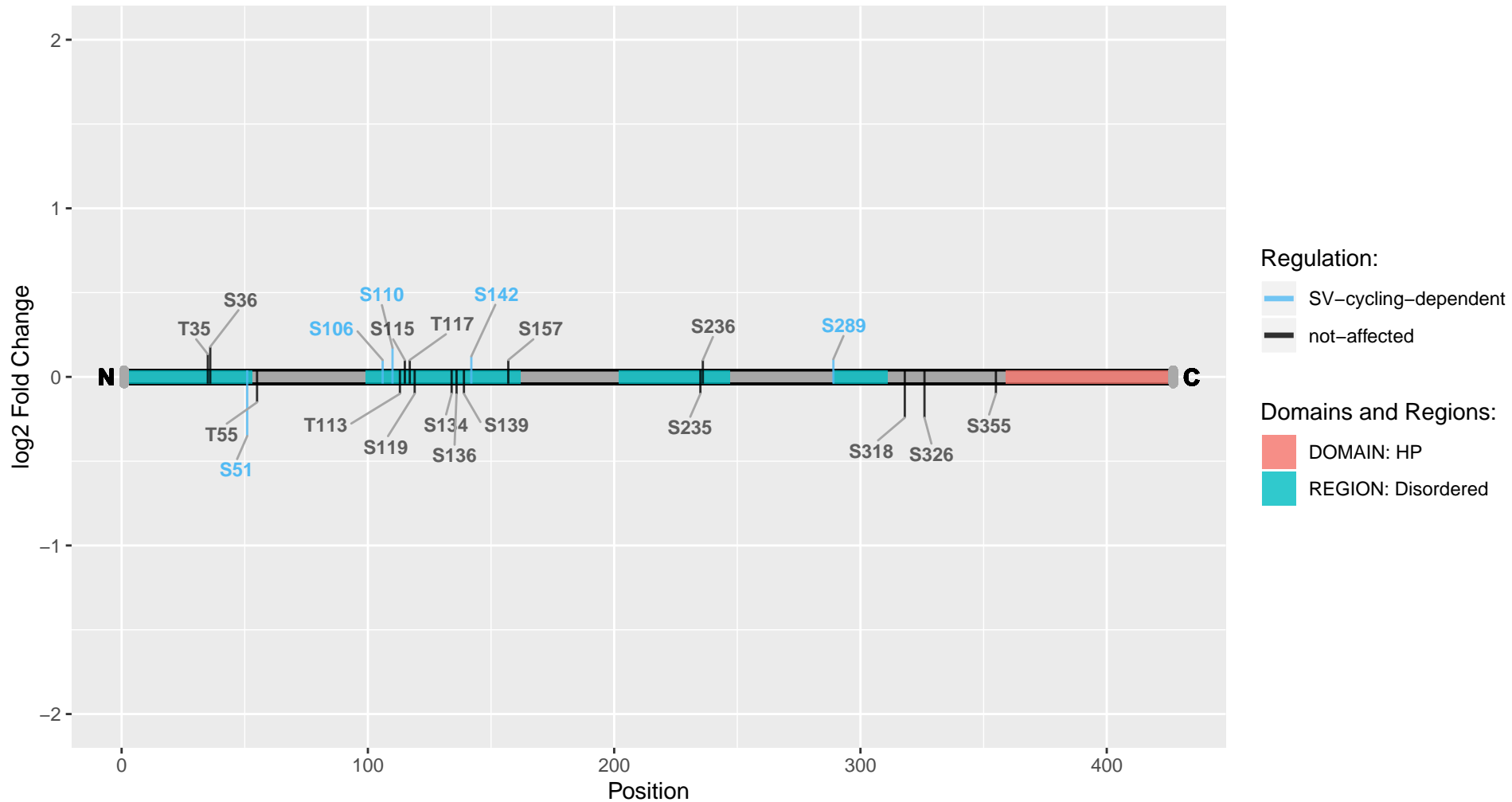
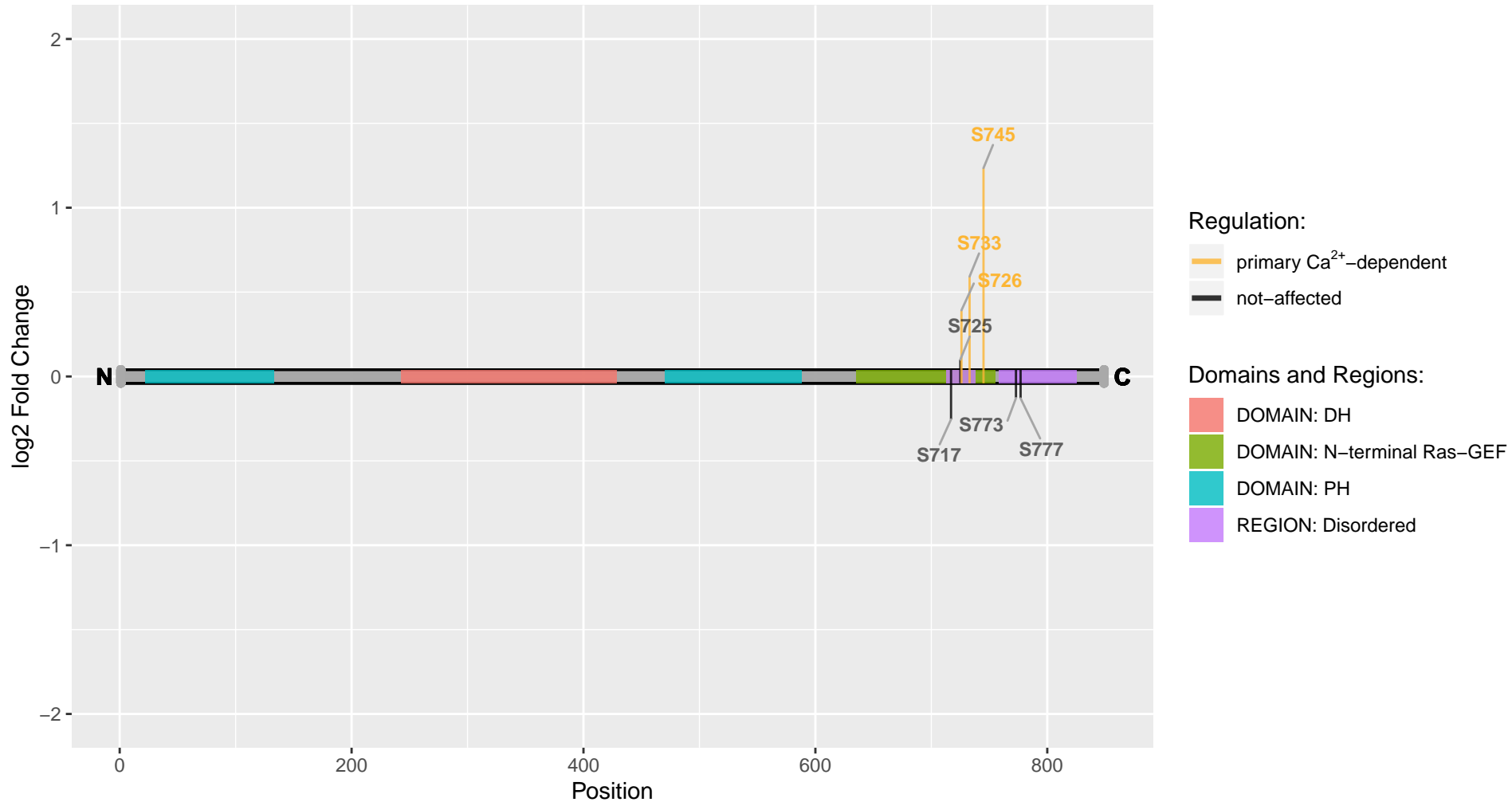


Uniprot Accession: A0A0G2JW01

Uncharacterized protein

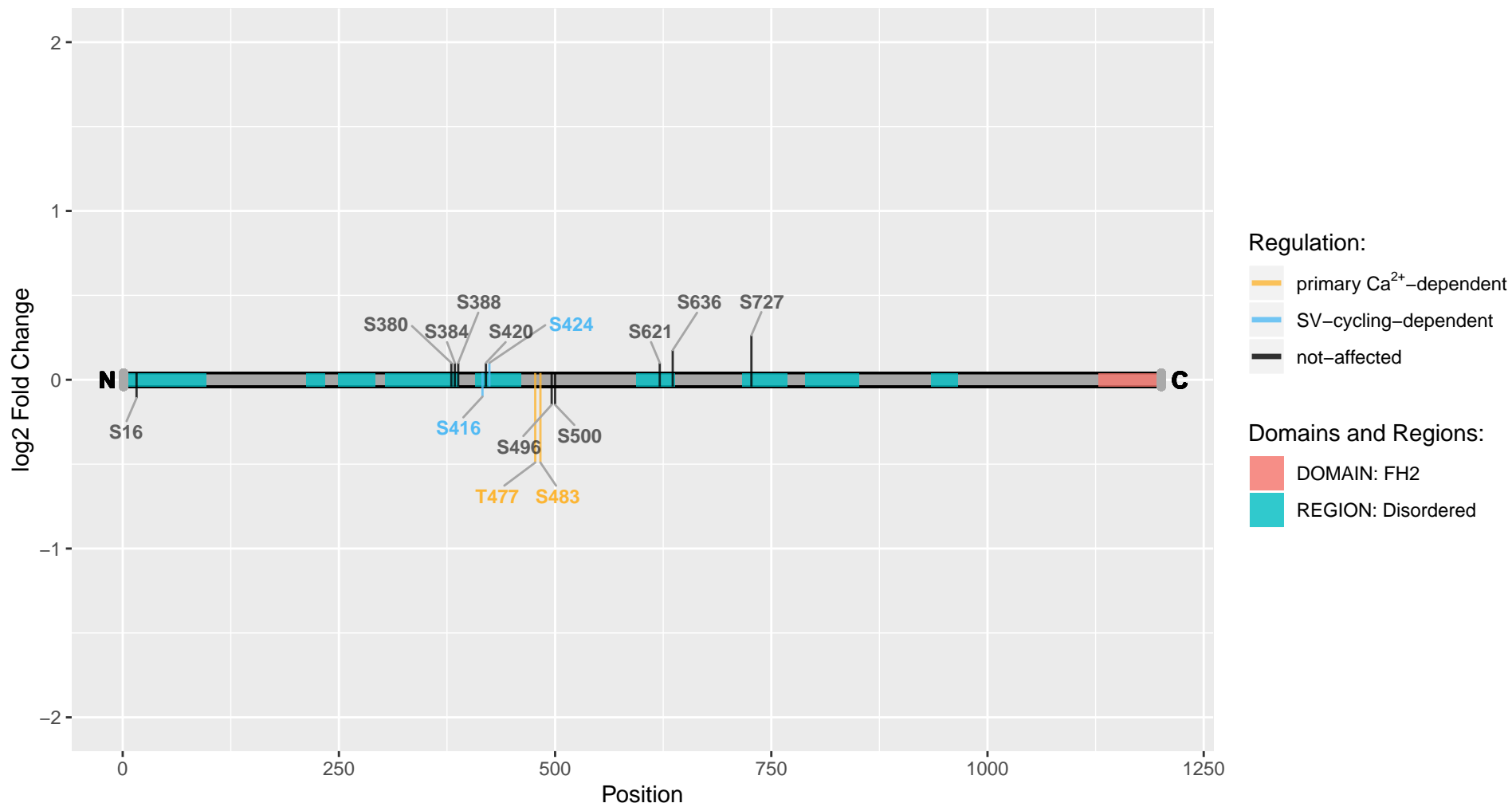


Uniprot Accession: A0A0G2JW65
Uncharacterized protein

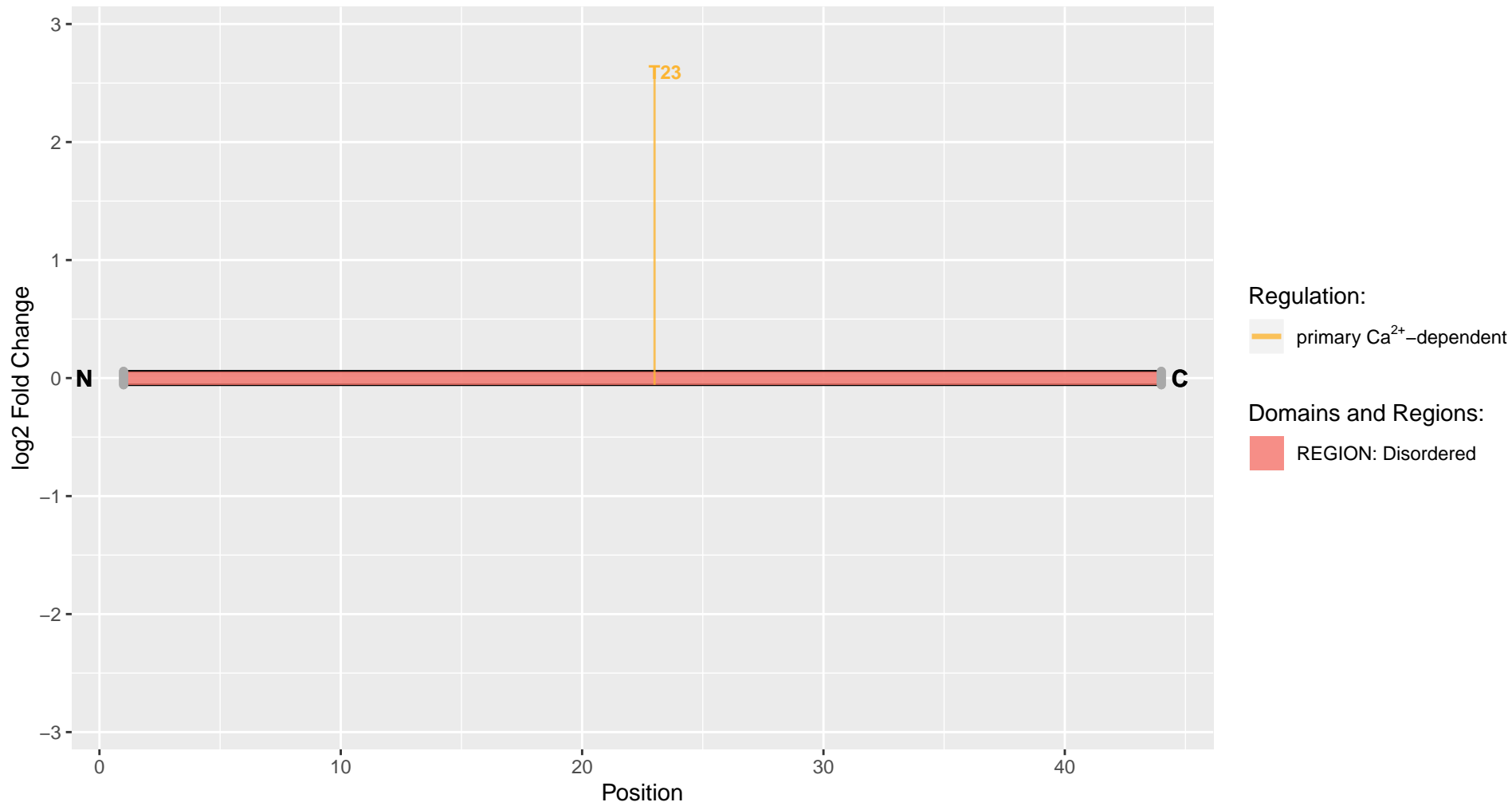


Uniprot Accession: A0A0G2JZ27

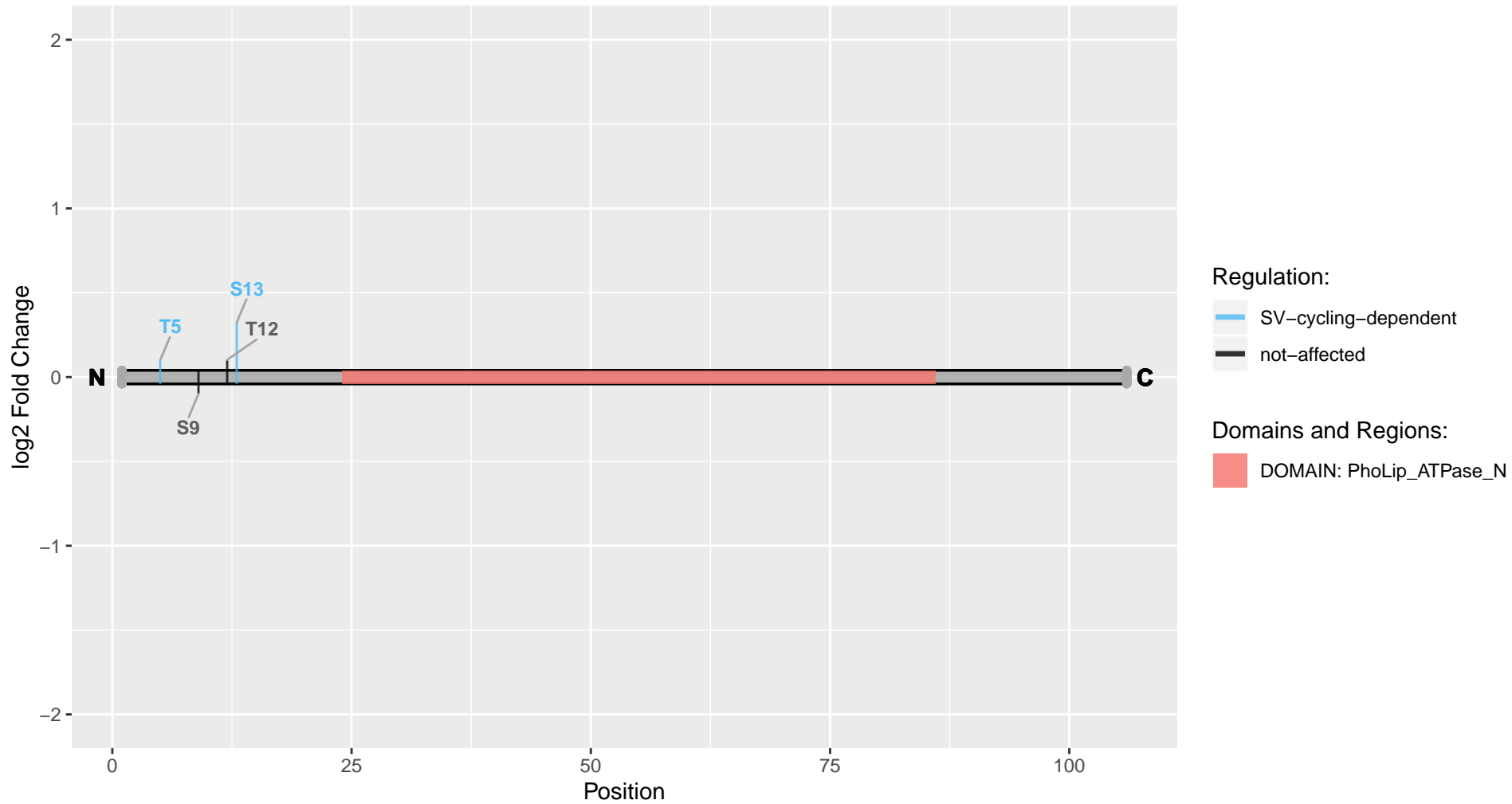
Uncharacterized protein



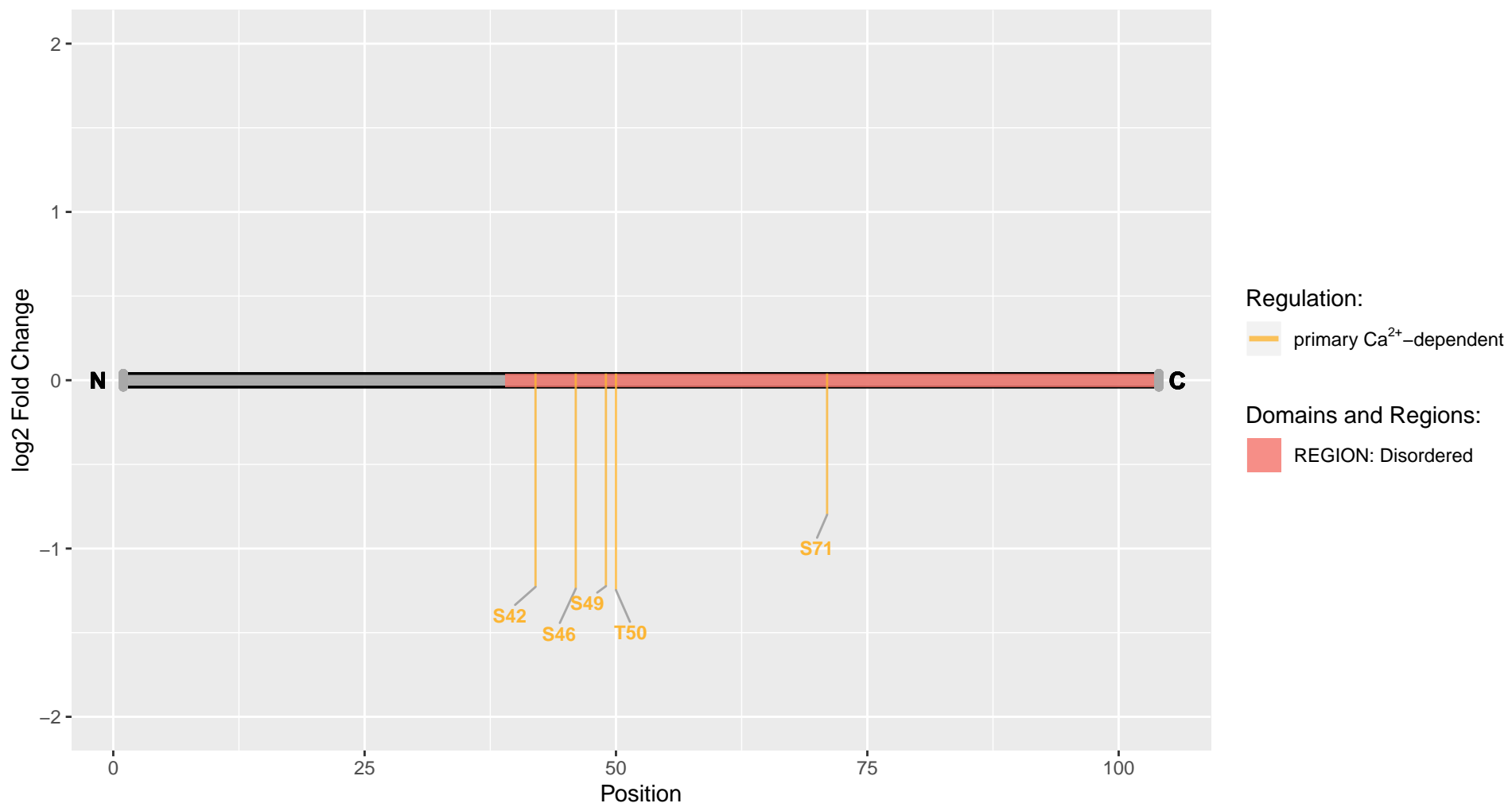
Uniprot Accession: A0A0G2K021
Thymosin beta



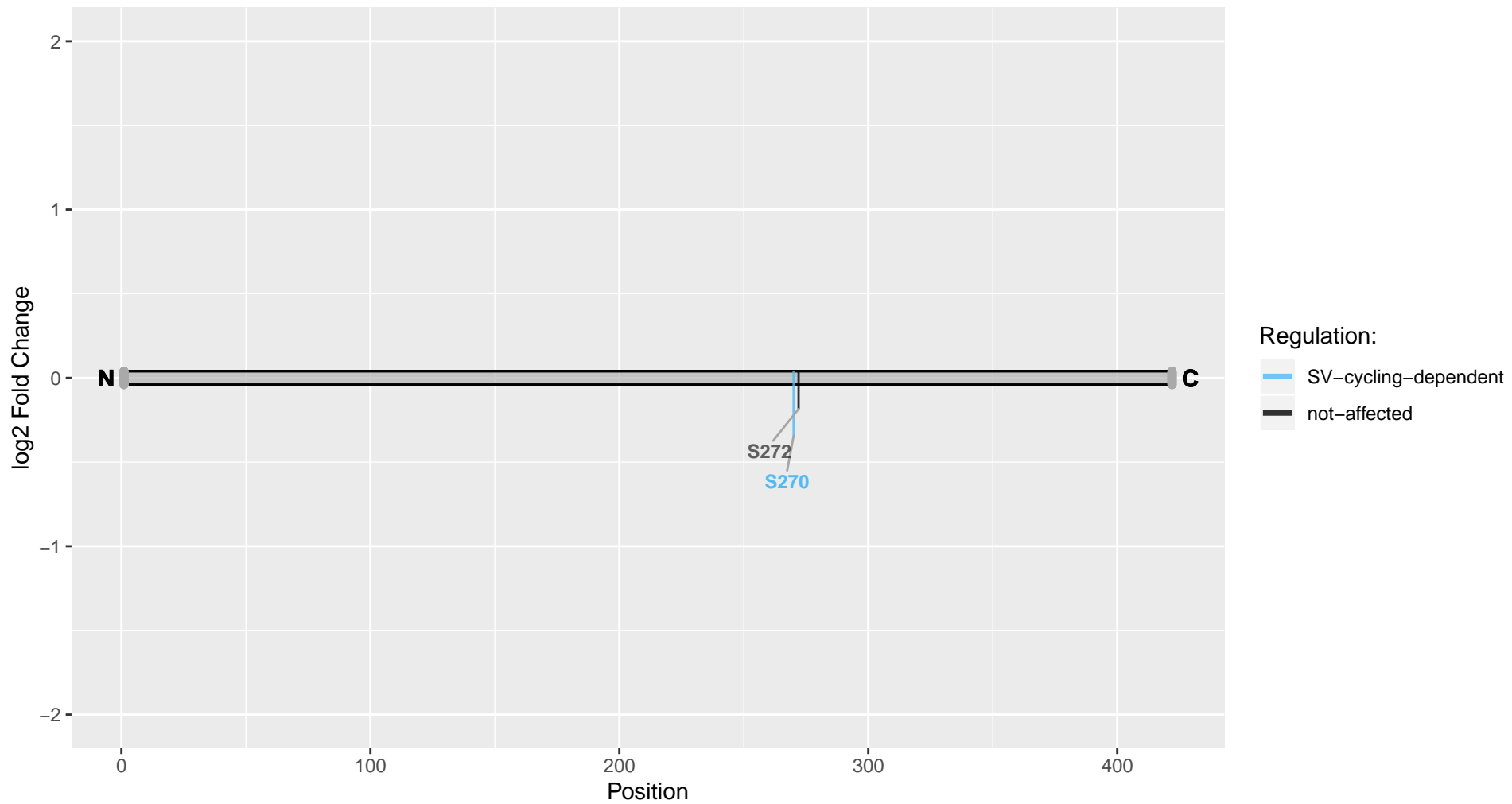
Uniprot Accession: D3ZJK8
Uncharacterized protein



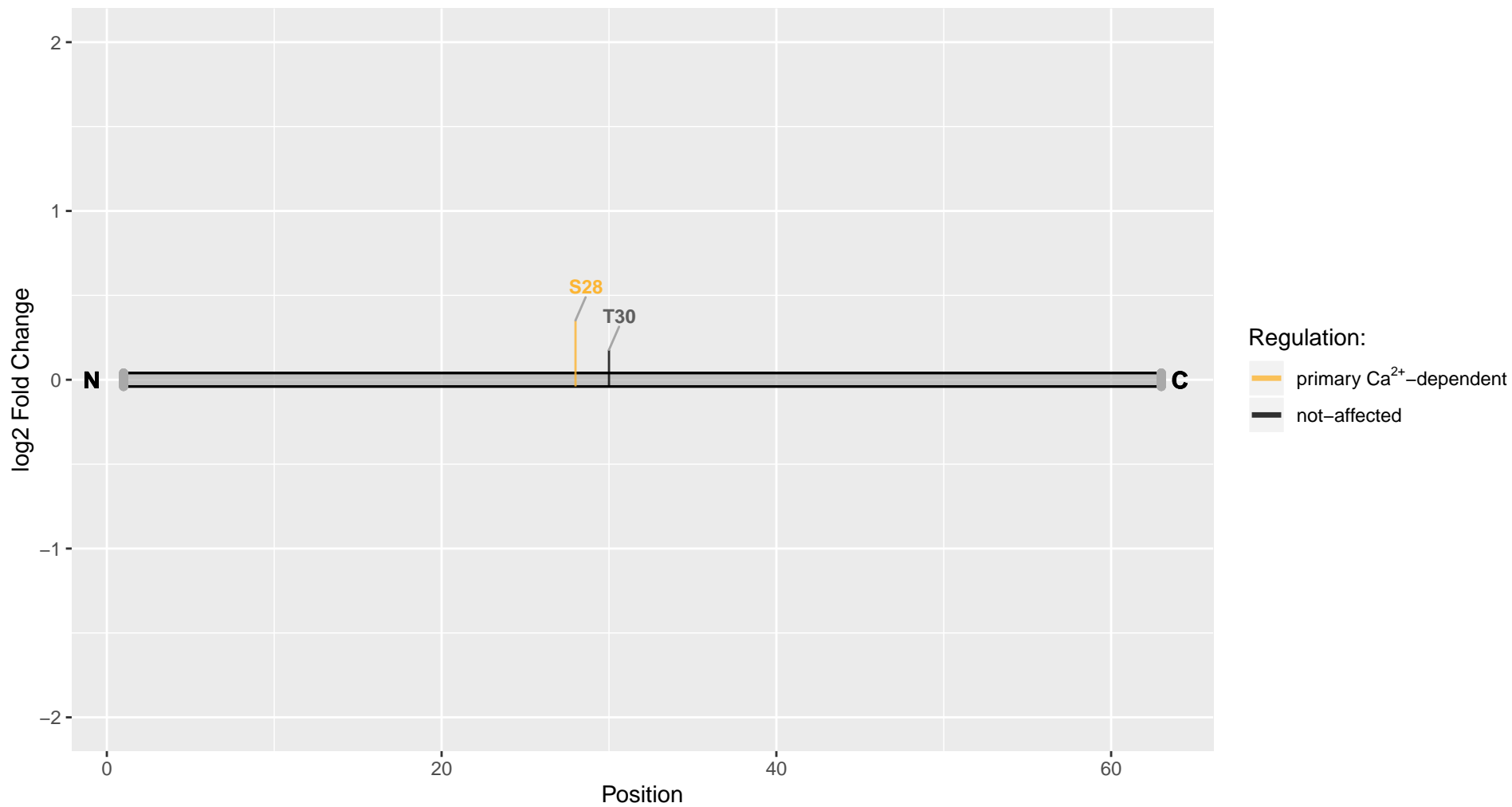
Uniprot Accession: M0R970
Uncharacterized protein



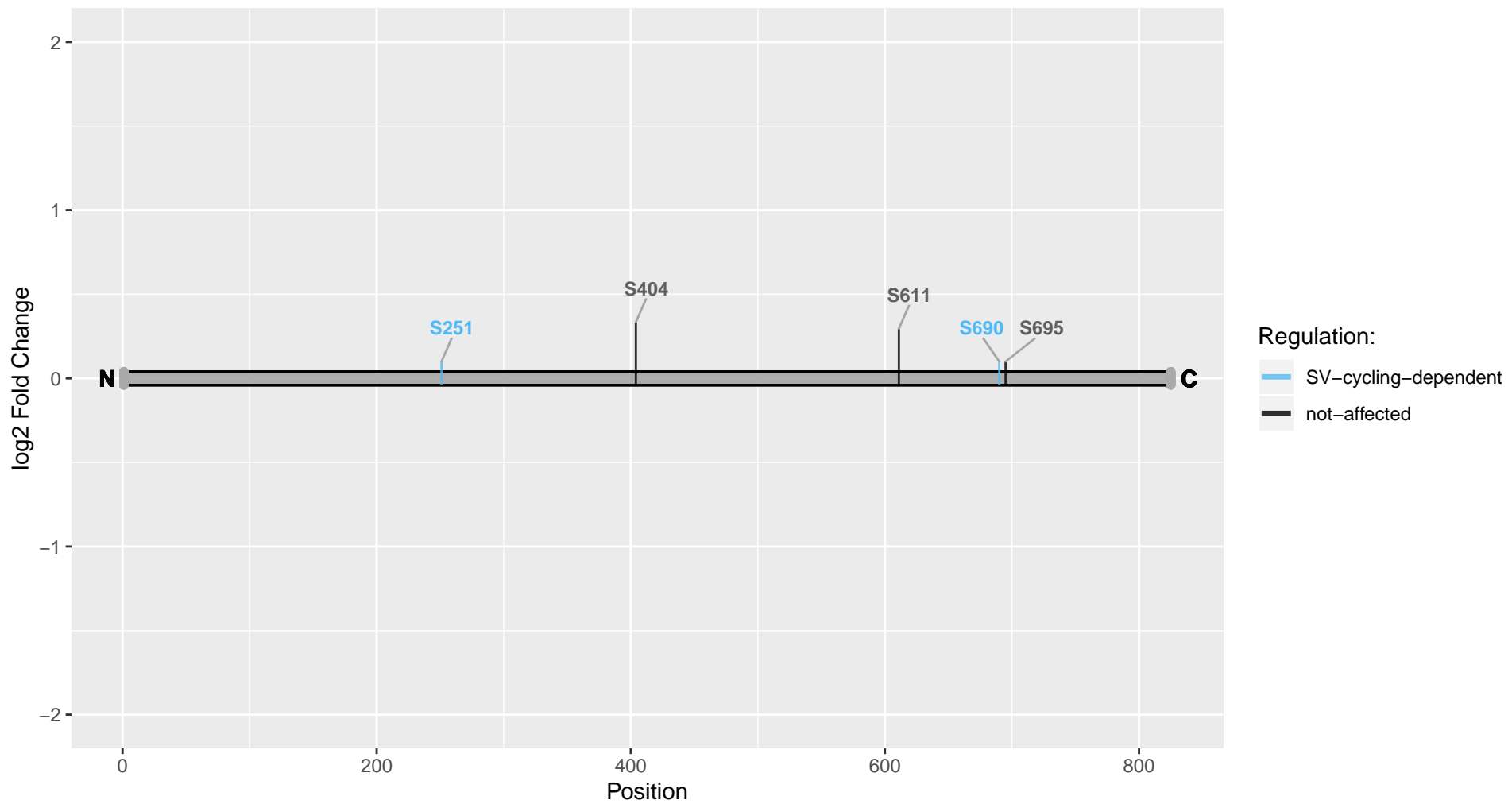
Uniprot Accession: O08654
UPF0183 protein C16orf70 homolog



Uniprot Accession: P0CD96
Overexpressed in colon carcinoma 1 protein homolog



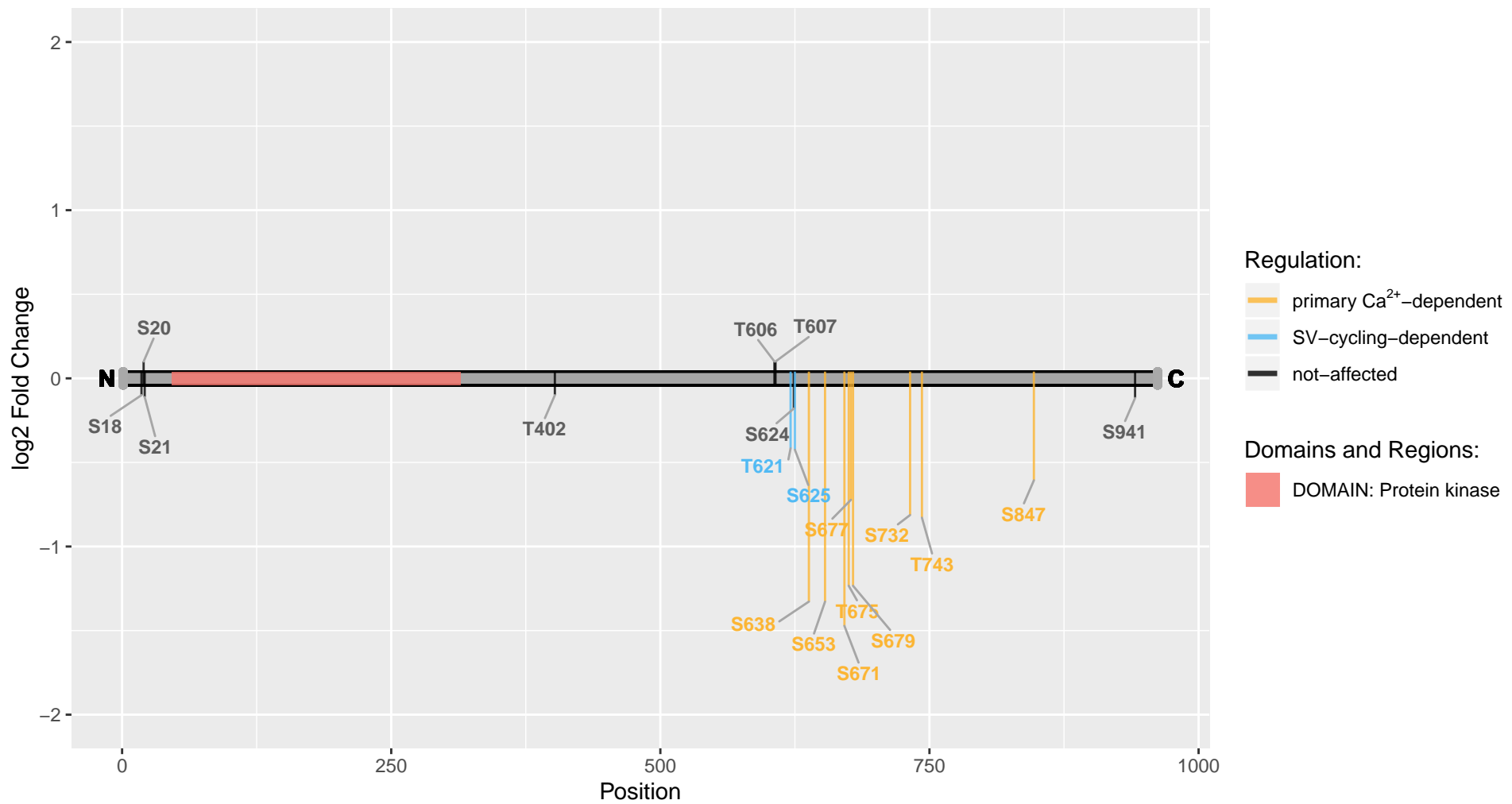
Uniprot Accession: Q63003
5E5 antigen



Aak1

Uniprot Accession: P0C1X8

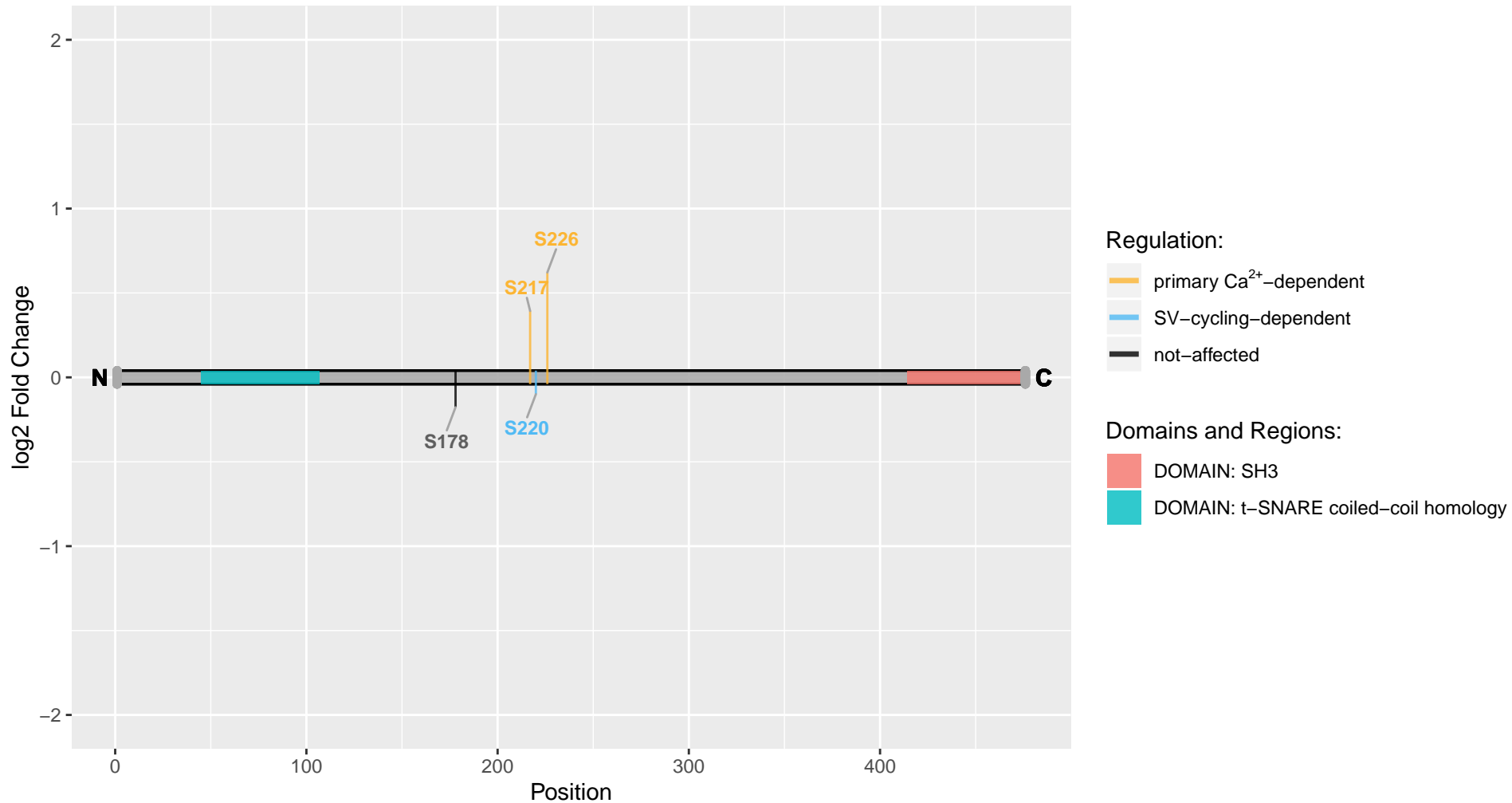
AP2-associated protein kinase 1



Abi1

Uniprot Accession: Q9QZM5

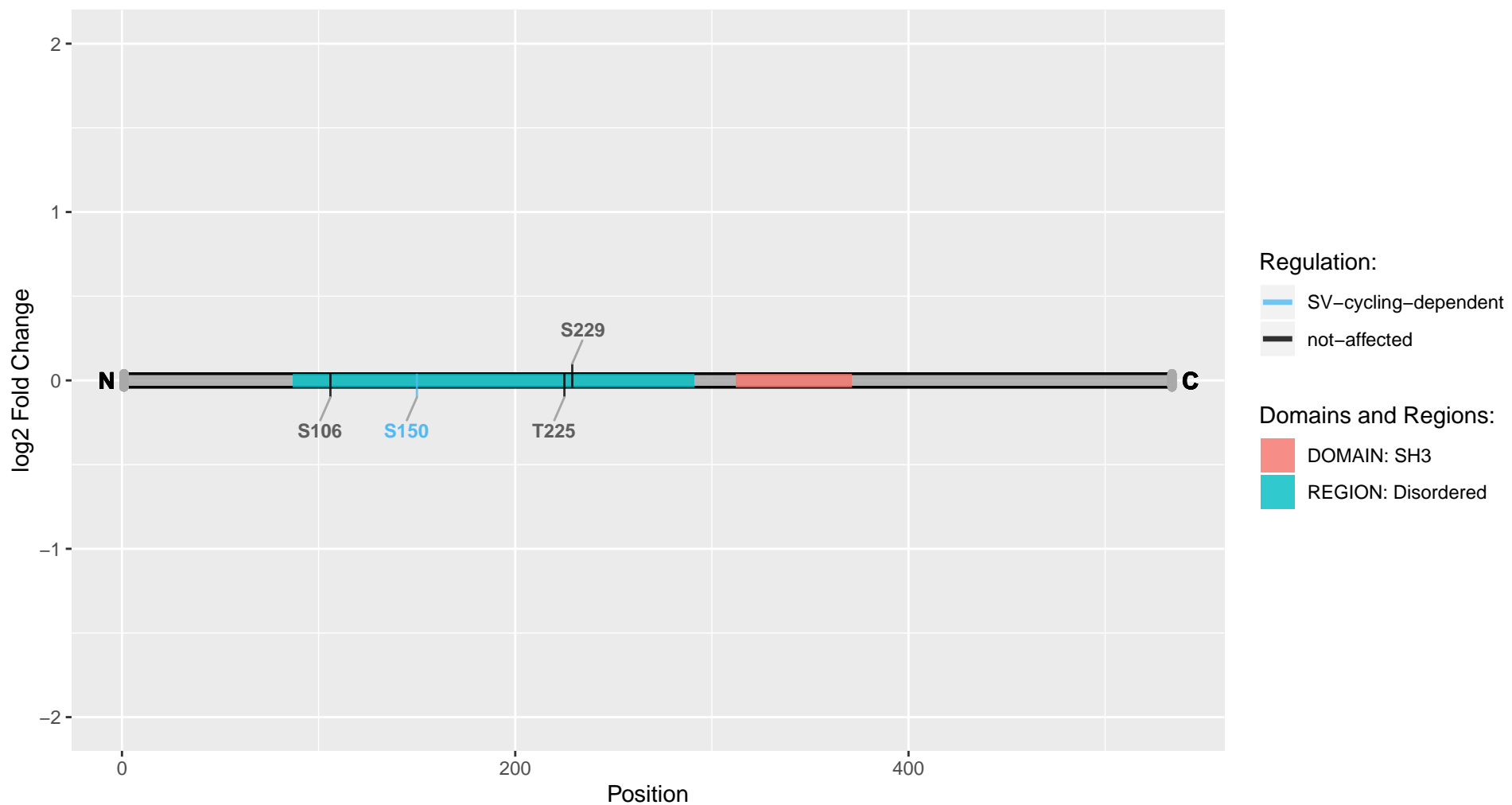
Abl interactor 1



Abi2

Uniprot Accession: F1LYA6

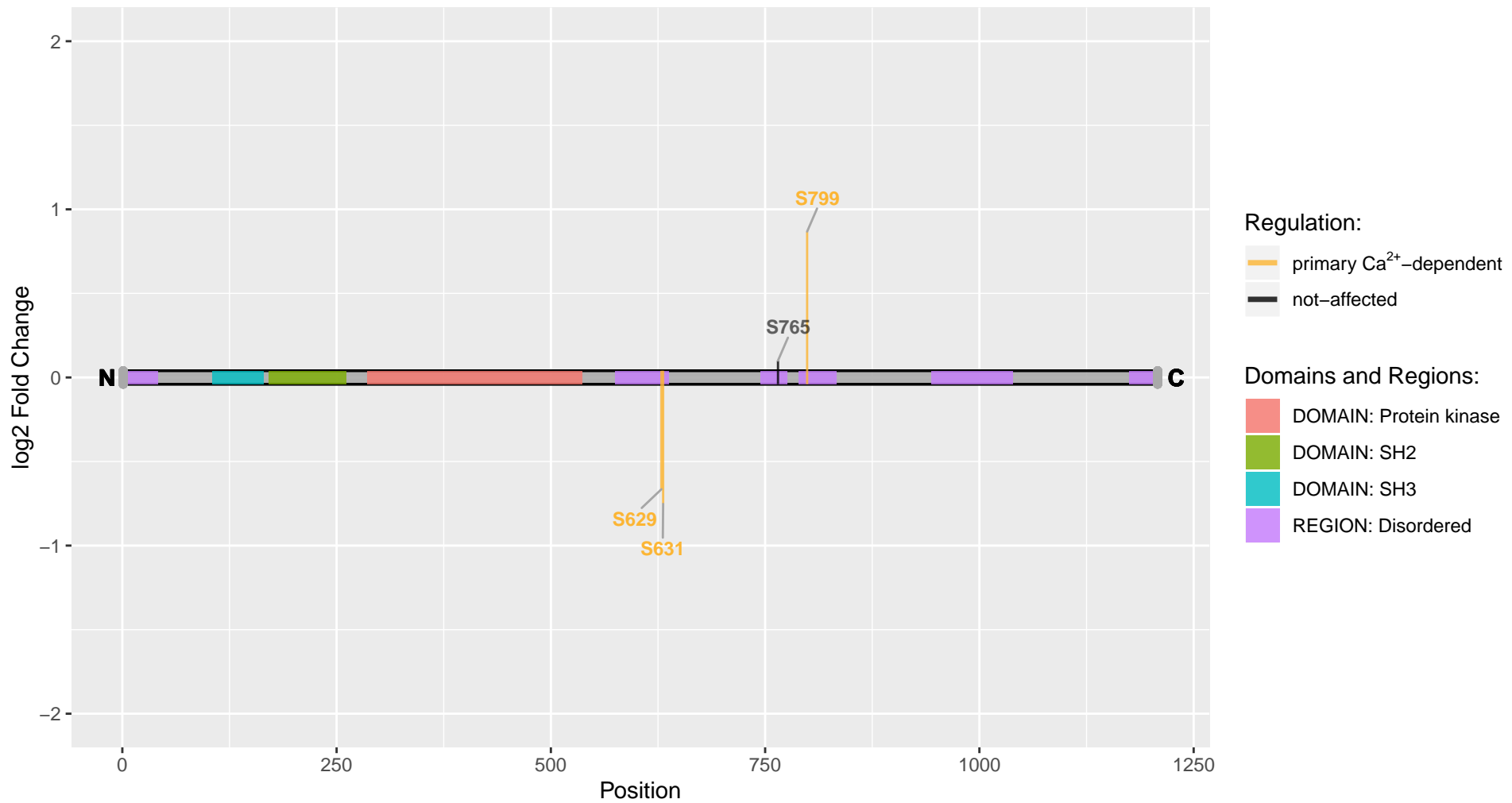
Abl-interactor 2



Abl2

Uniprot Accession: F1M0N1

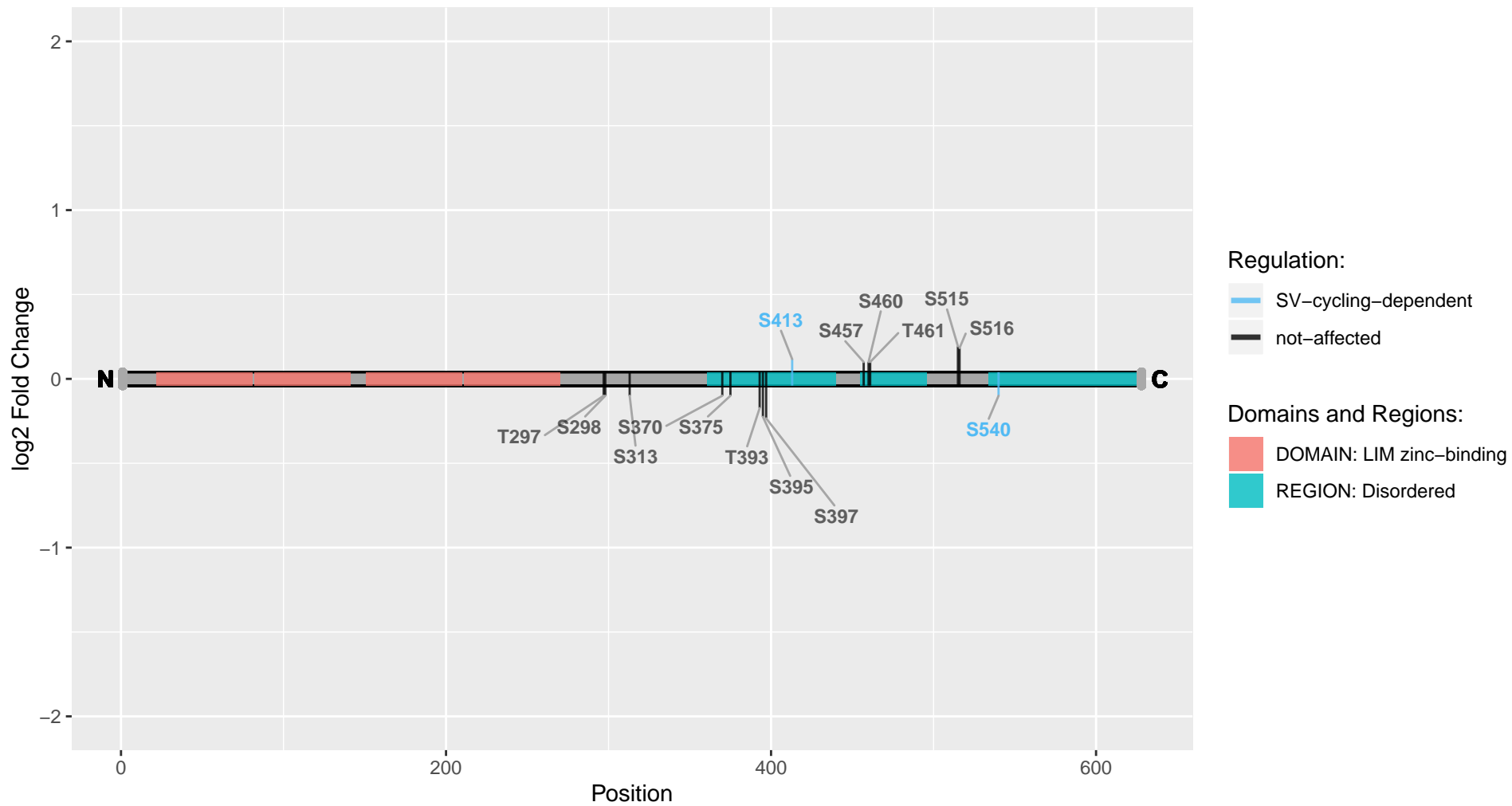
Tyrosine-protein kinase



Ablim2

Uniprot Accession: A0A0G2JTB5

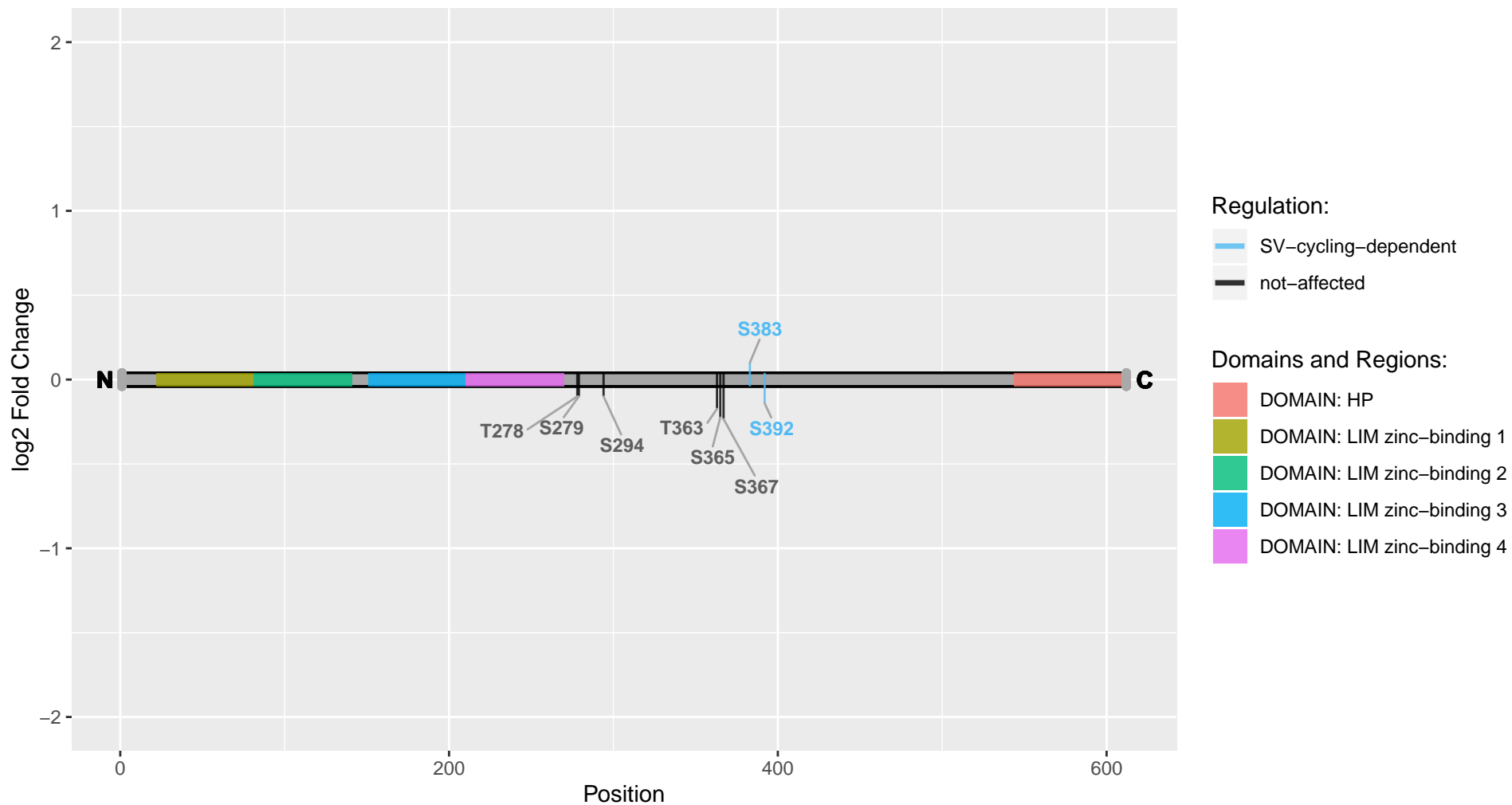
Actin-binding LIM protein 2



Ablim2

Uniprot Accession: Q6KC51

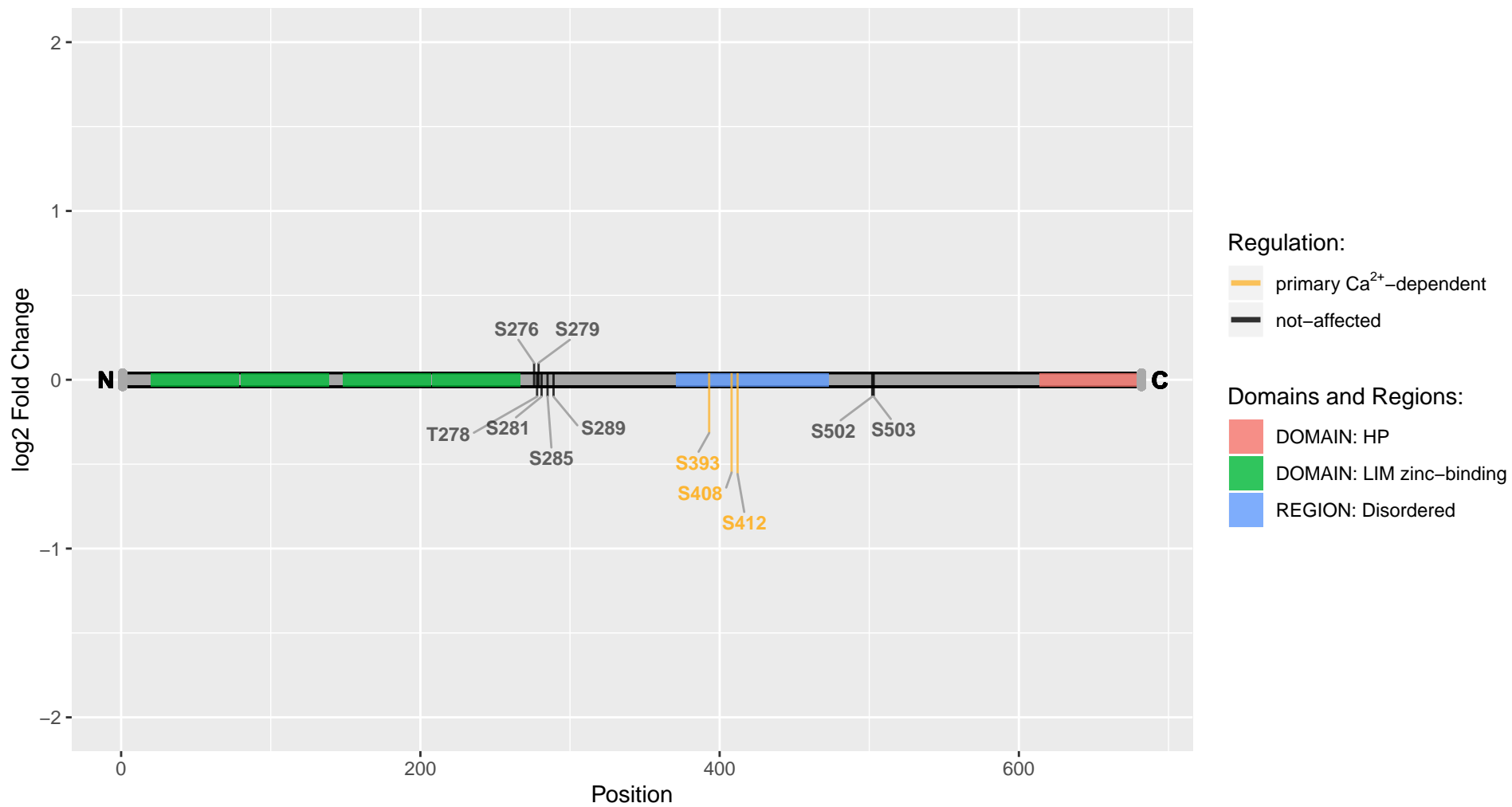
Actin-binding LIM protein 2



Ablim3

Uniprot Accession: F1M8U2

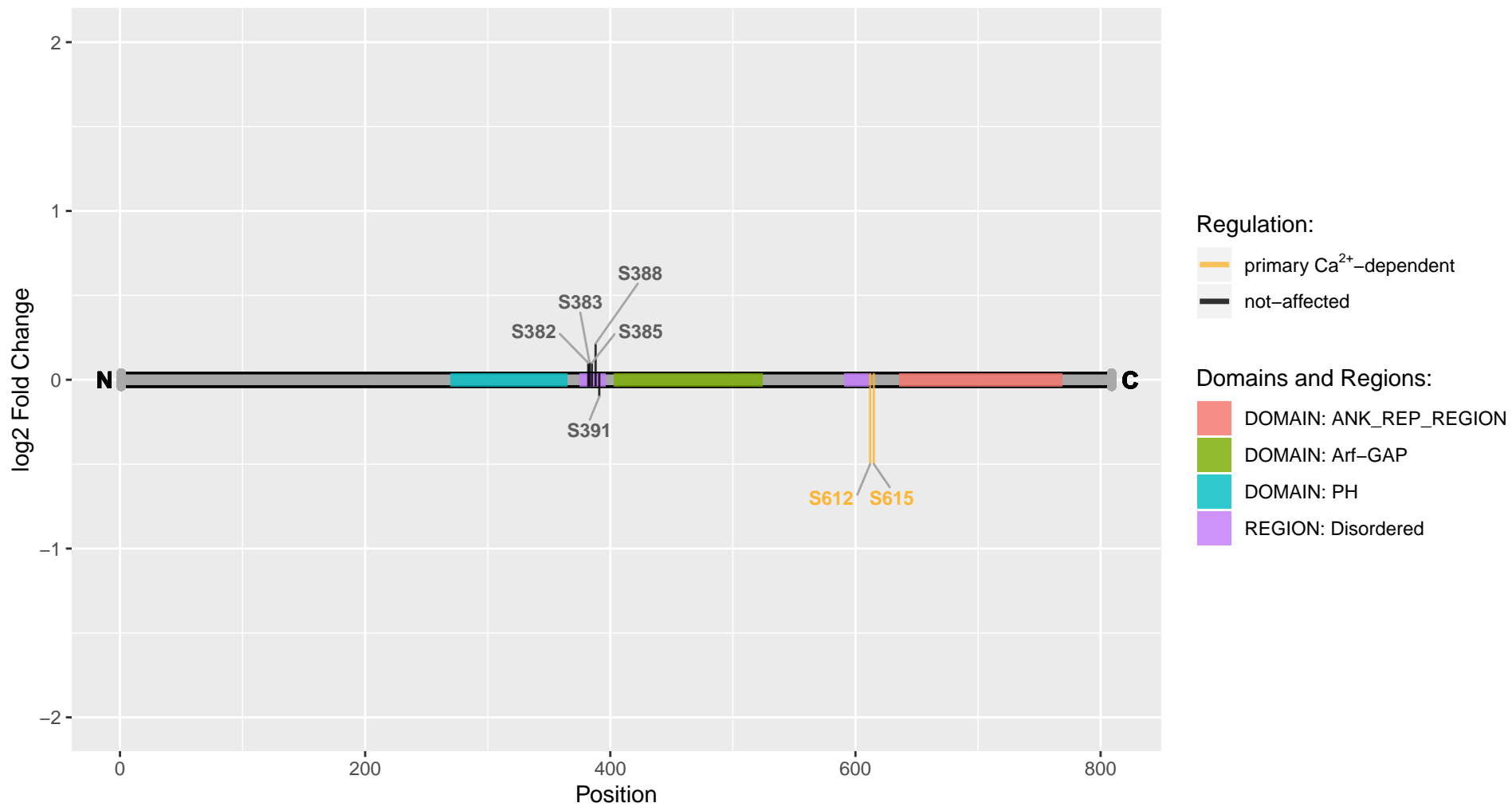
Actin-binding LIM protein family, member 3



Acap2

Uniprot Accession: A0A0G2K4T3

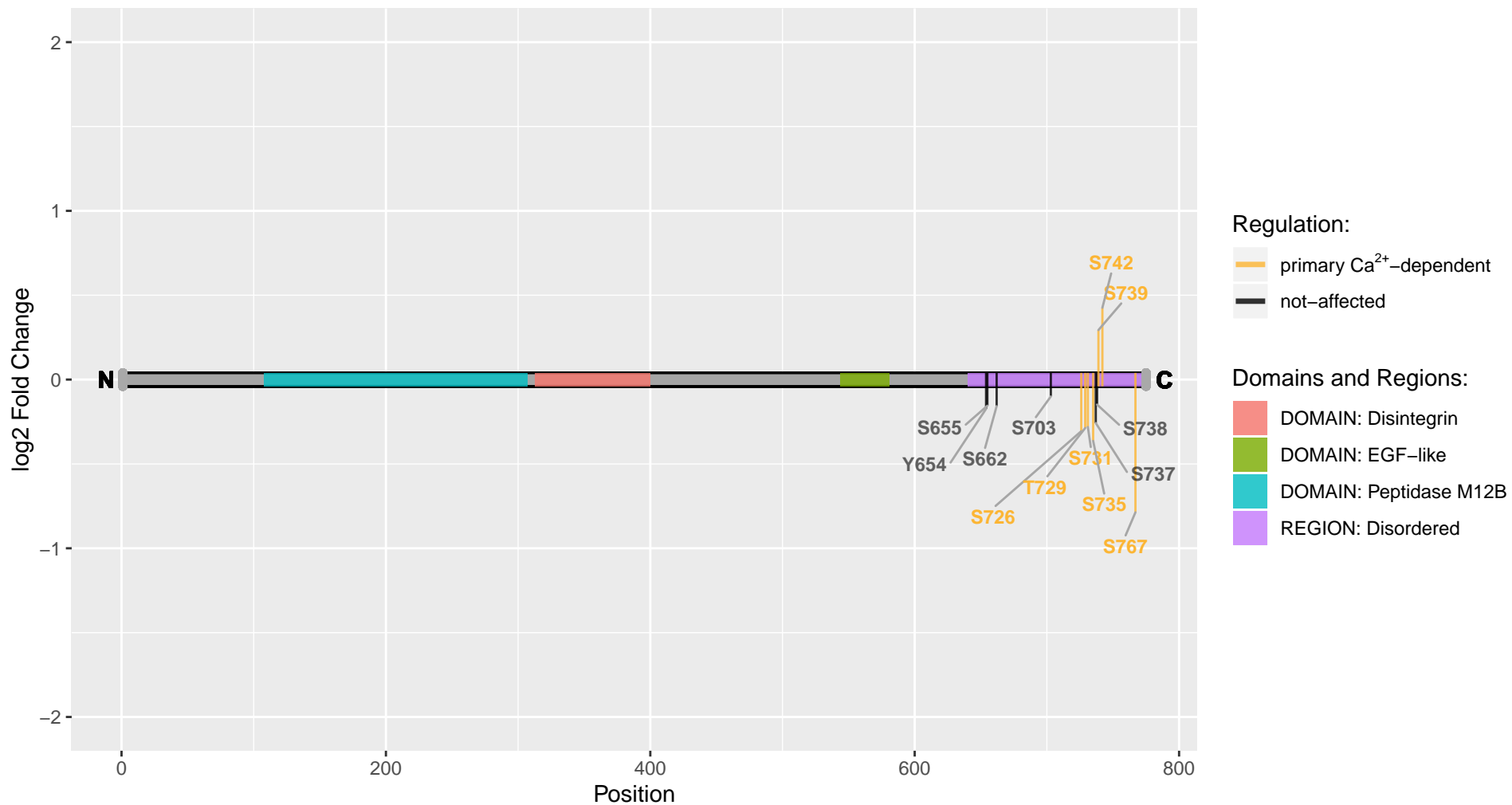
Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2



Adam22

Uniprot Accession: M0R5P8

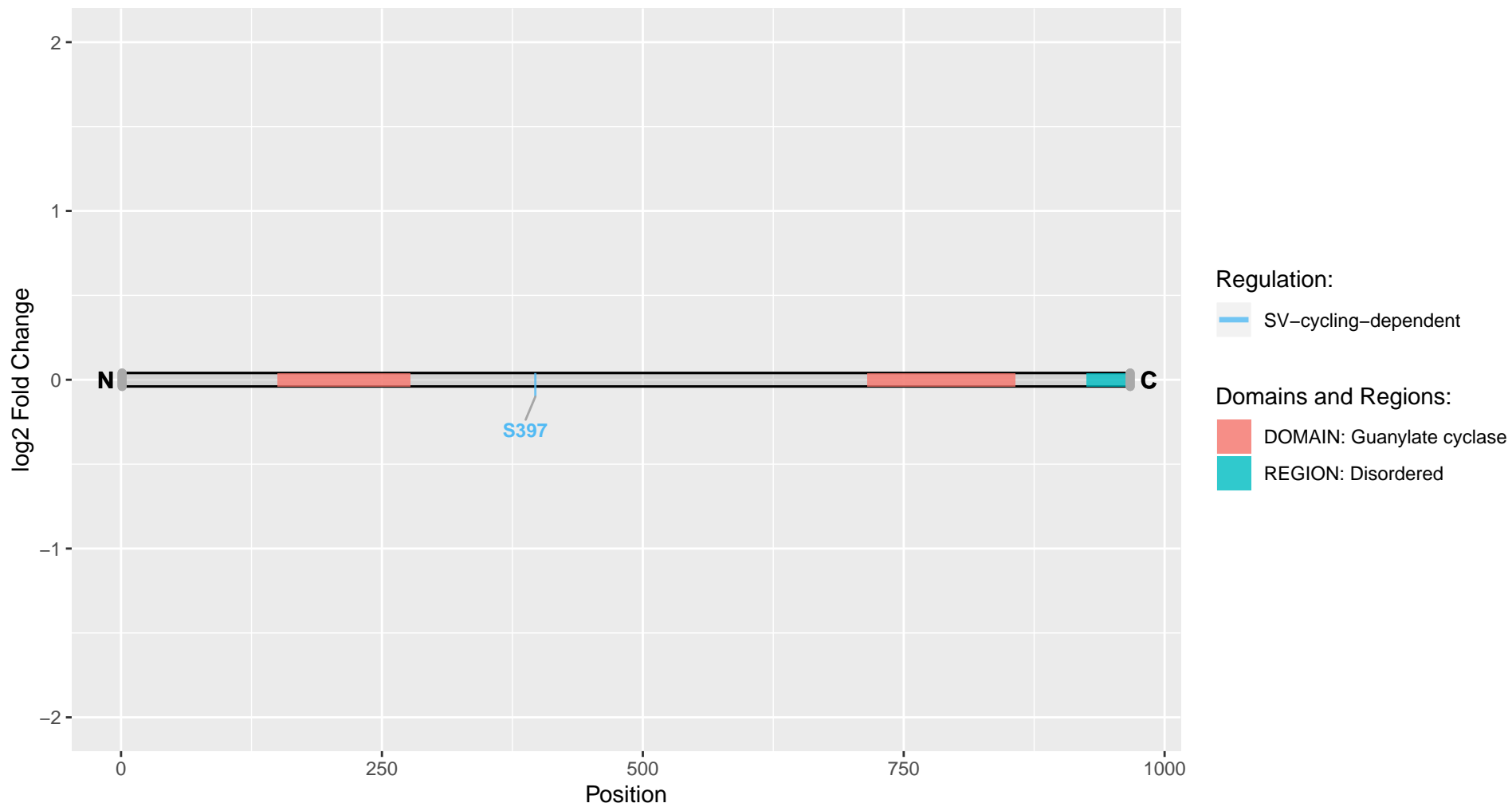
ADAM metallopeptidase domain 22



Adcy1

Uniprot Accession: D4A3N4

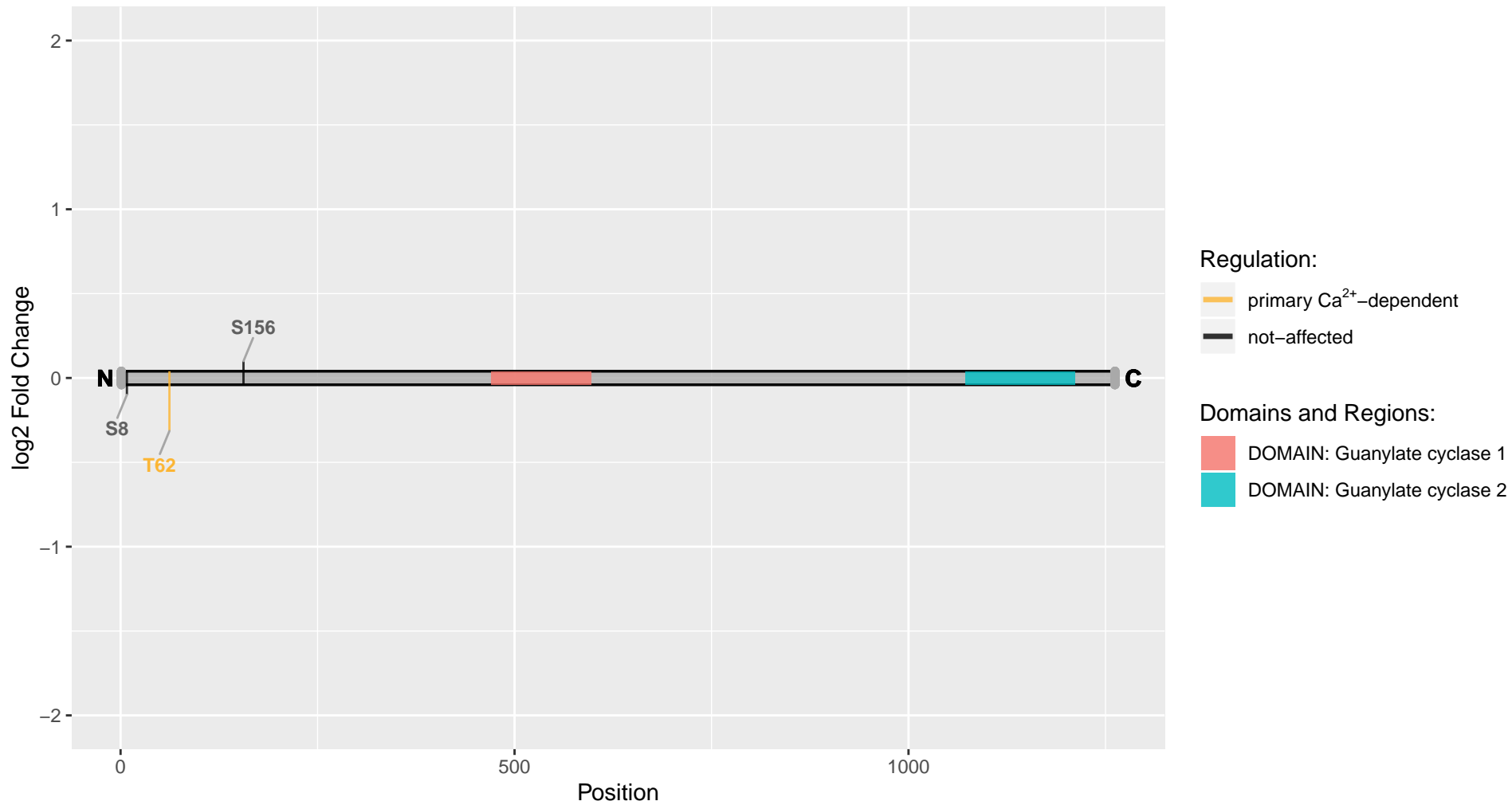
Adenylate cyclase



Adcy5

Uniprot Accession: Q04400

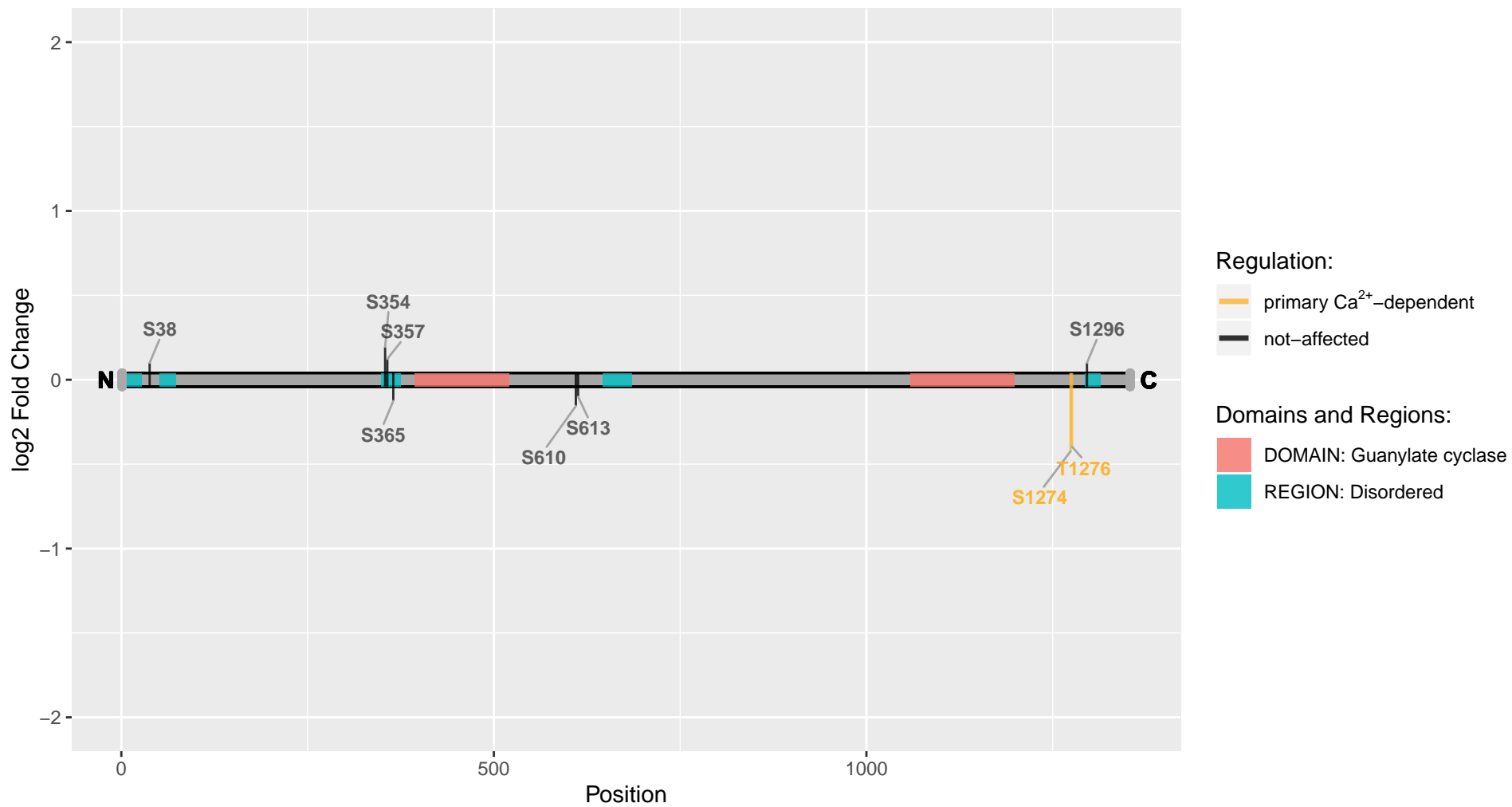
Adenylate cyclase type 5



Adcy9

Uniprot Accession: M0R5U4

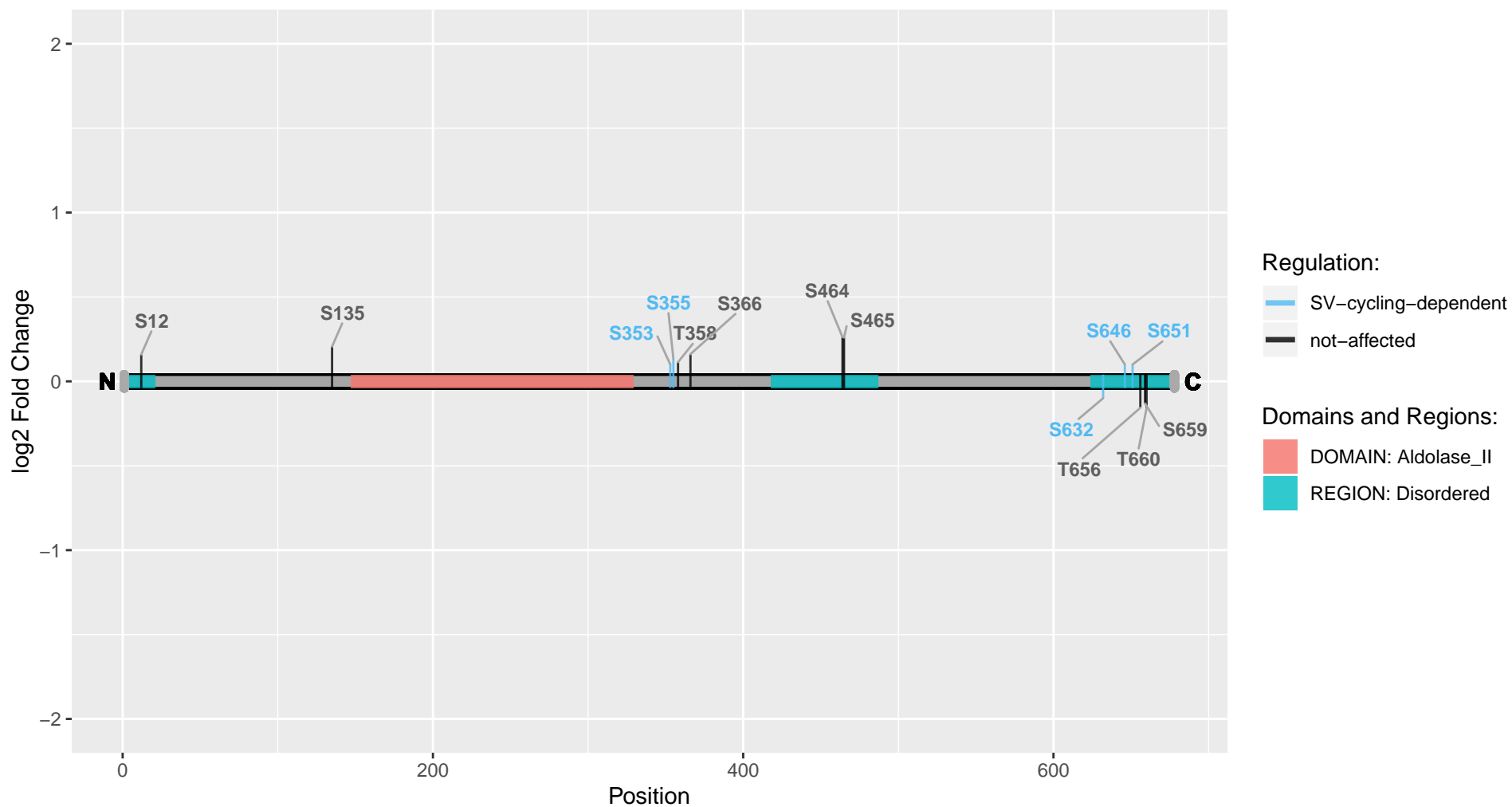
Adenylate cyclase 9



Add1

Uniprot Accession: D3ZZ99

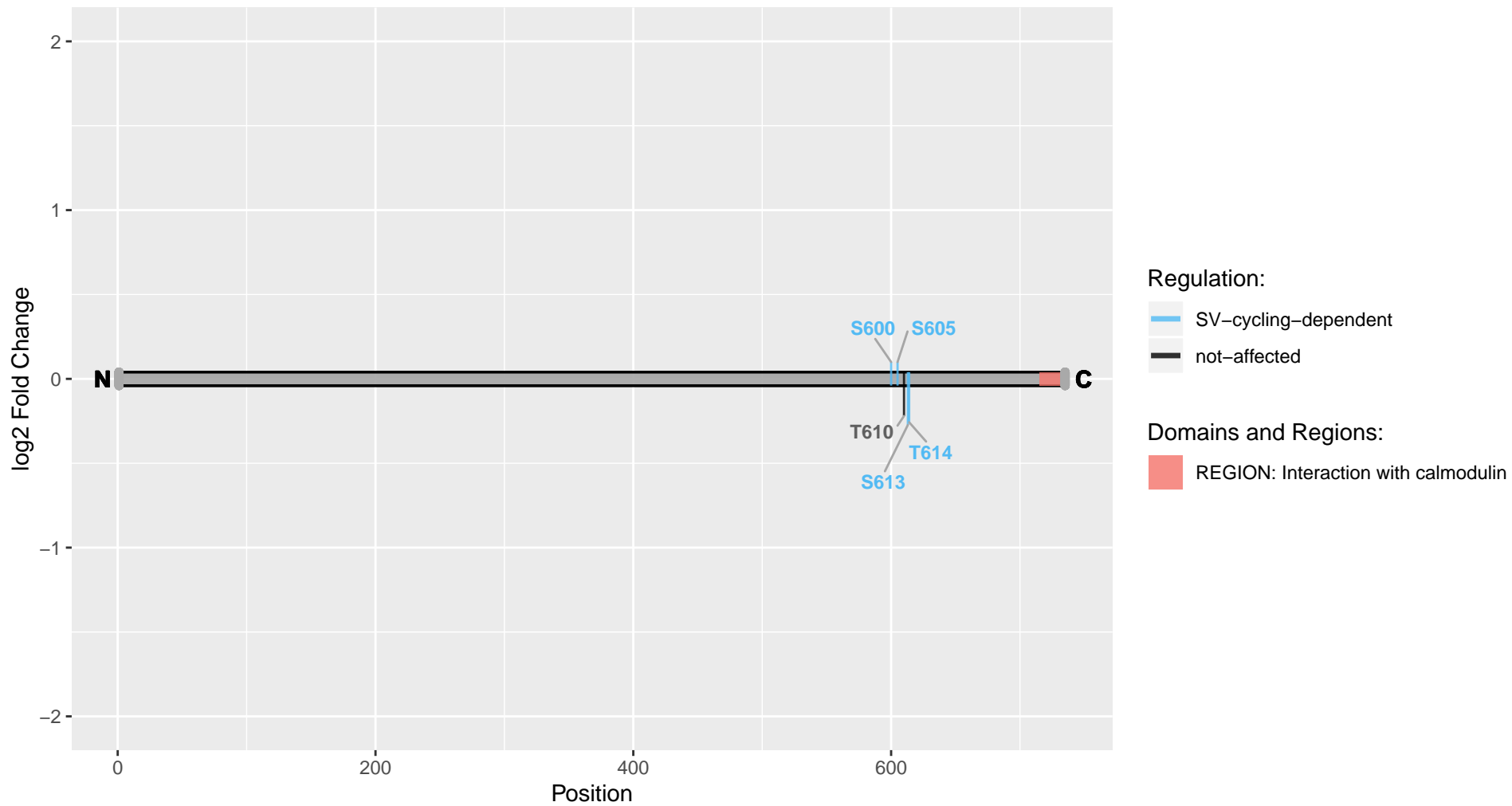
Alpha-adducin



Add1

Uniprot Accession: Q63028

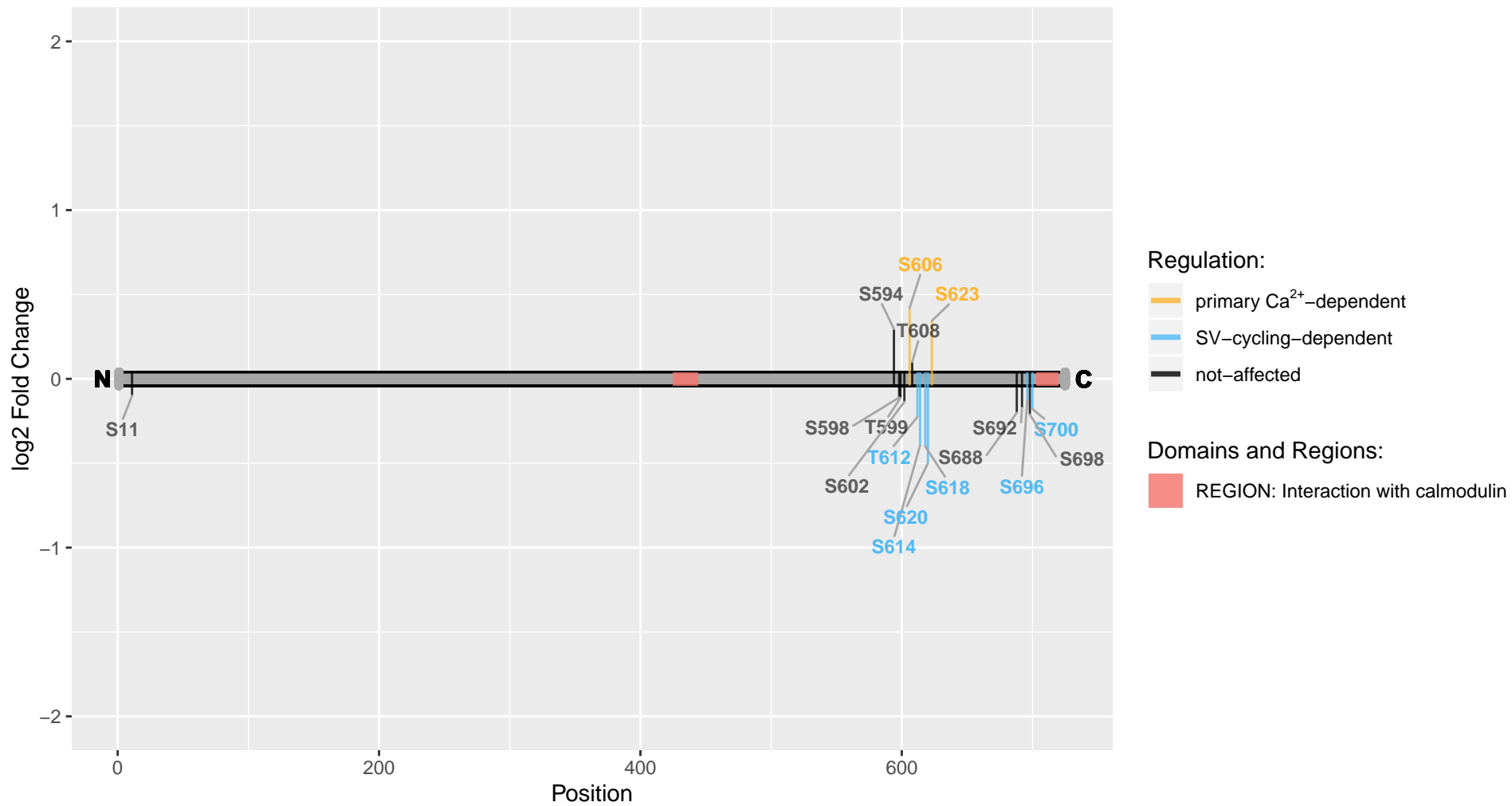
Alpha-adducin



Add2

Uniprot Accession: Q05764

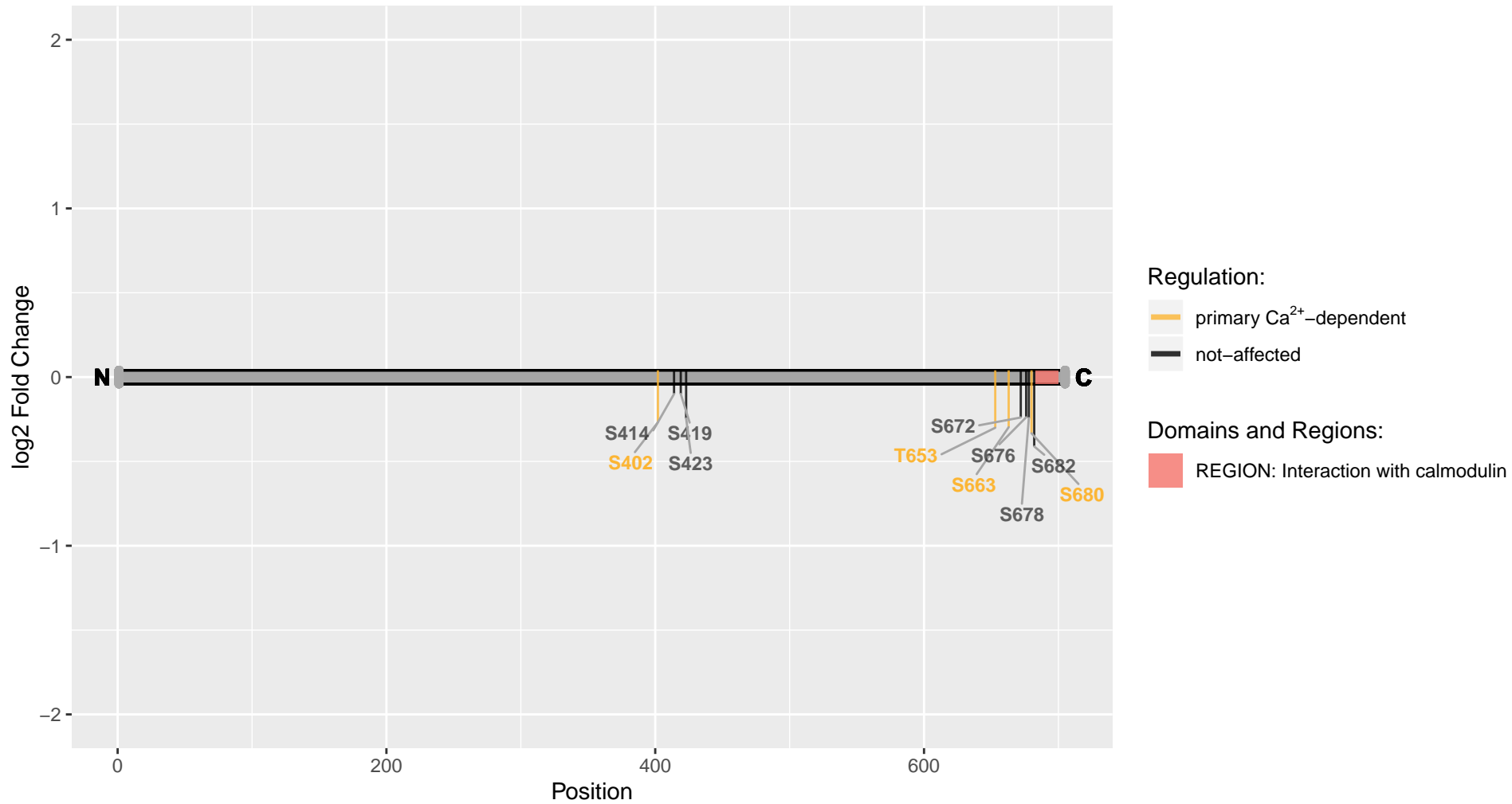
Beta-adducin



Add3

Uniprot Accession: Q62847

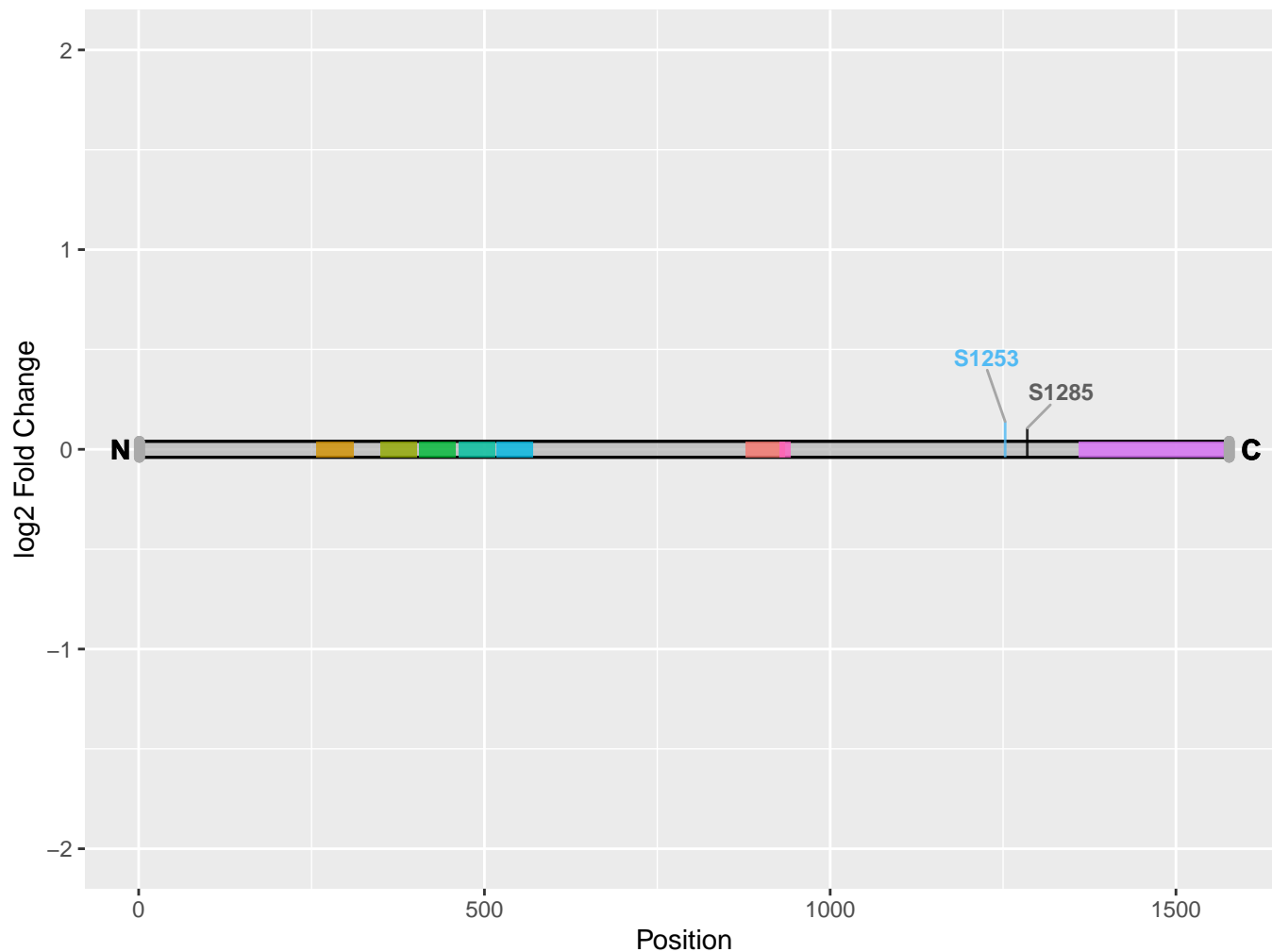
Gamma-adducin



Adgrb1

Uniprot Accession: C0HL12

Adhesion G protein-coupled receptor B1



Regulation:

- SV-cycling-dependent
- not-affected

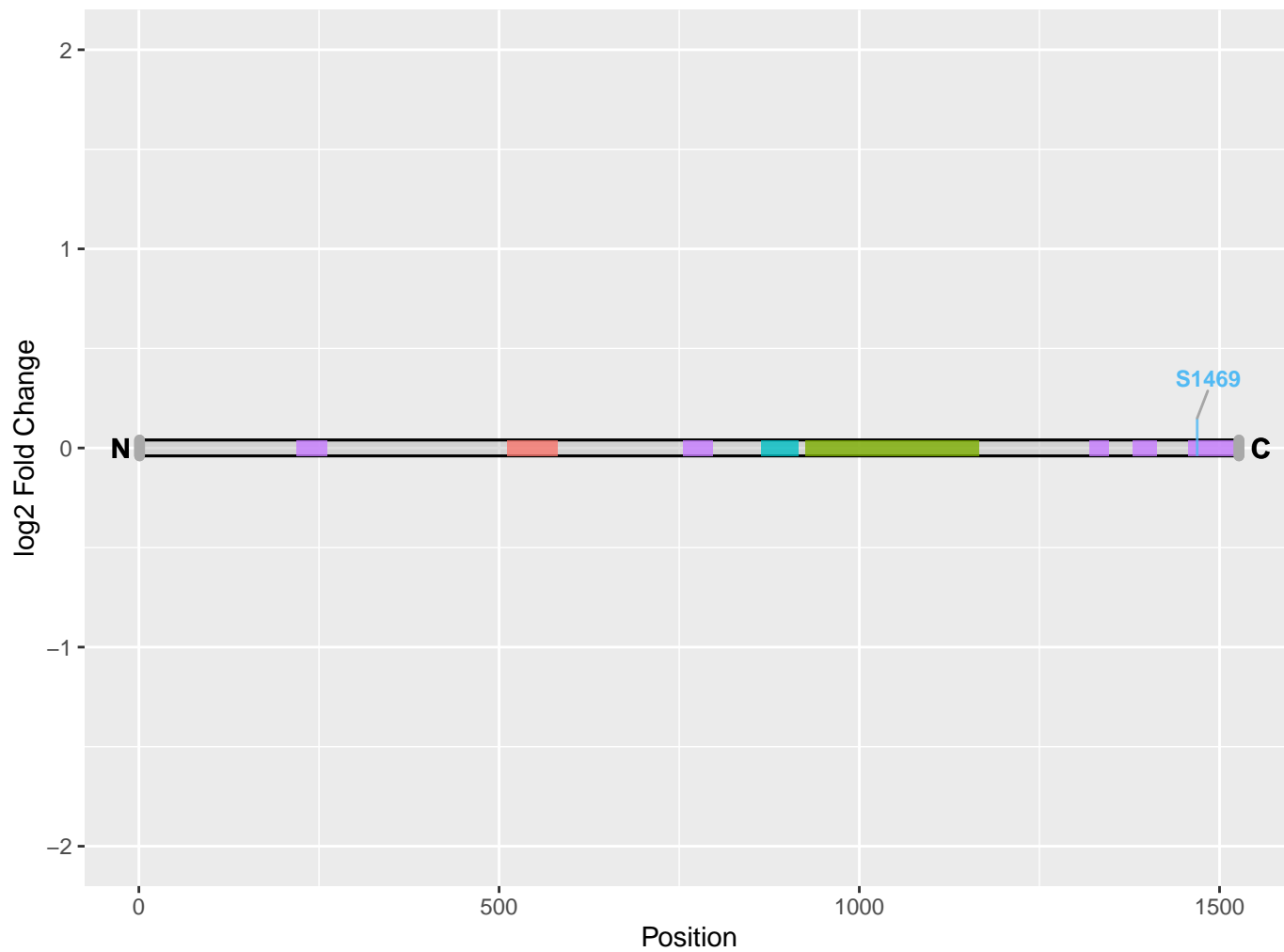
Domains and Regions:

- DOMAIN: GPS
- DOMAIN: TSP type-1 1
- DOMAIN: TSP type-1 2
- DOMAIN: TSP type-1 3
- DOMAIN: TSP type-1 4
- DOMAIN: TSP type-1 5
- REGION: Indispensable for interaction with MAG1
- REGION: Involved in interaction with MAG1
- REGION: N-terminal stalk following vasculostatin-120 cleavage which is not required for signaling activity

Adgrb2

Uniprot Accession: A0A0G2K6N2

Adhesion G protein-coupled receptor B2



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: G_PROTEIN_RECEP_F2_3

DOMAIN: G_PROTEIN_RECEP_F2_4

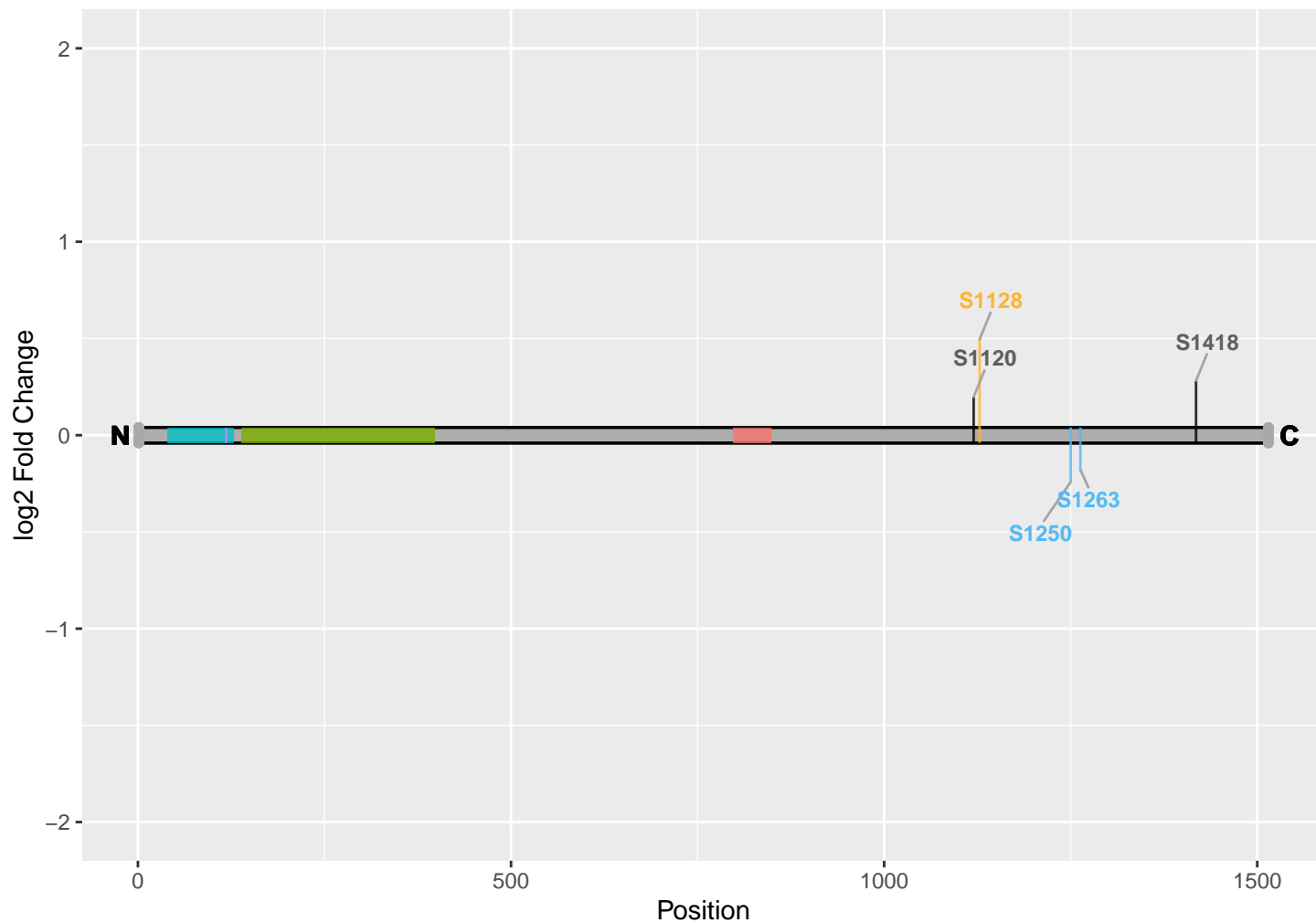
DOMAIN: GPS

REGION: Disordered

Adgr1

Uniprot Accession: O88917

Adhesion G protein-coupled receptor L1



Regulation:

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

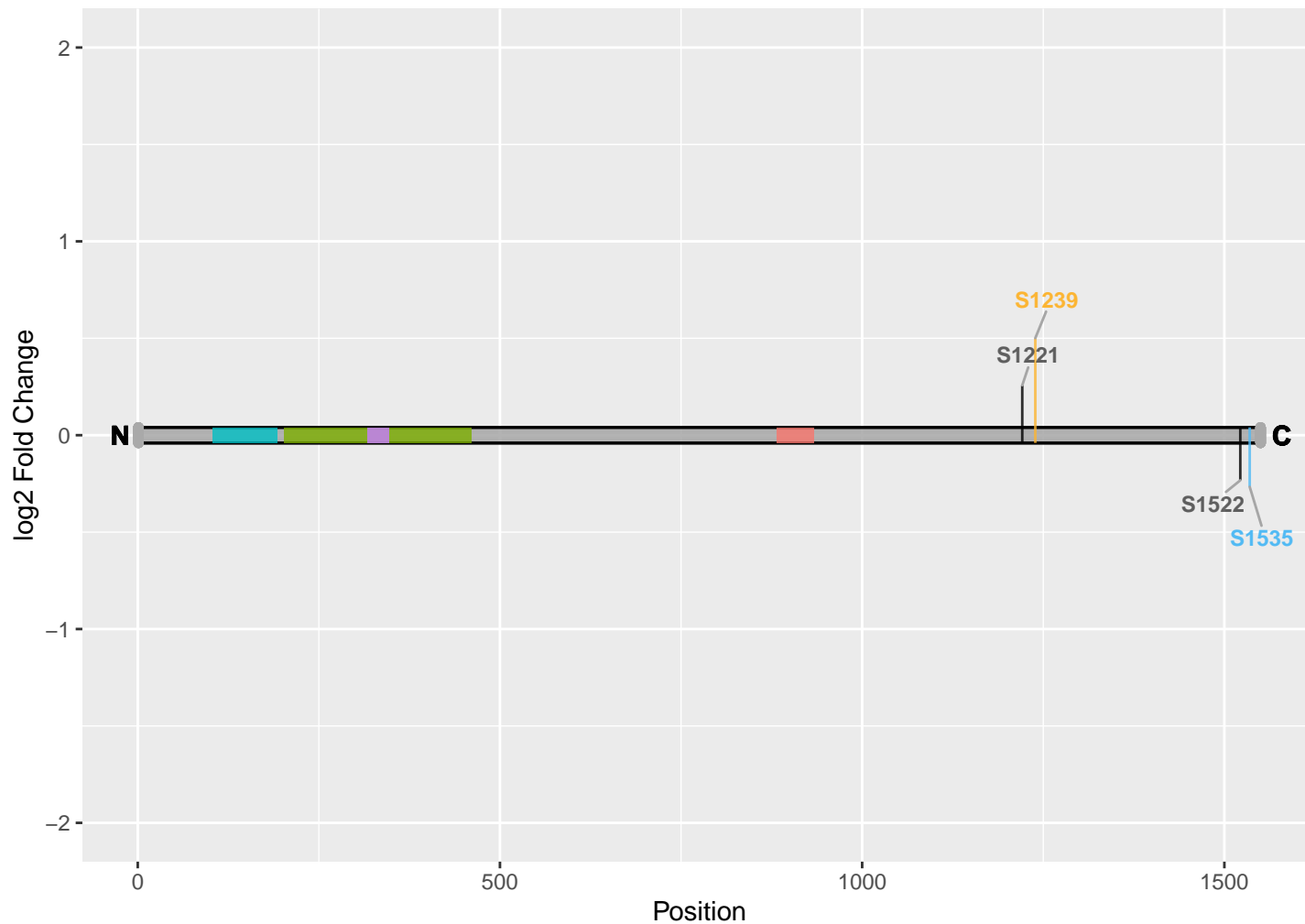
Domains and Regions:

- DOMAIN: GPS
- DOMAIN: Olfactomedin-like
- DOMAIN: SUEL-type lectin
- REGION: Carbohydrate binding

Adgrl3

Uniprot Accession: Q9Z173

Adhesion G protein-coupled receptor L3



Regulation:

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

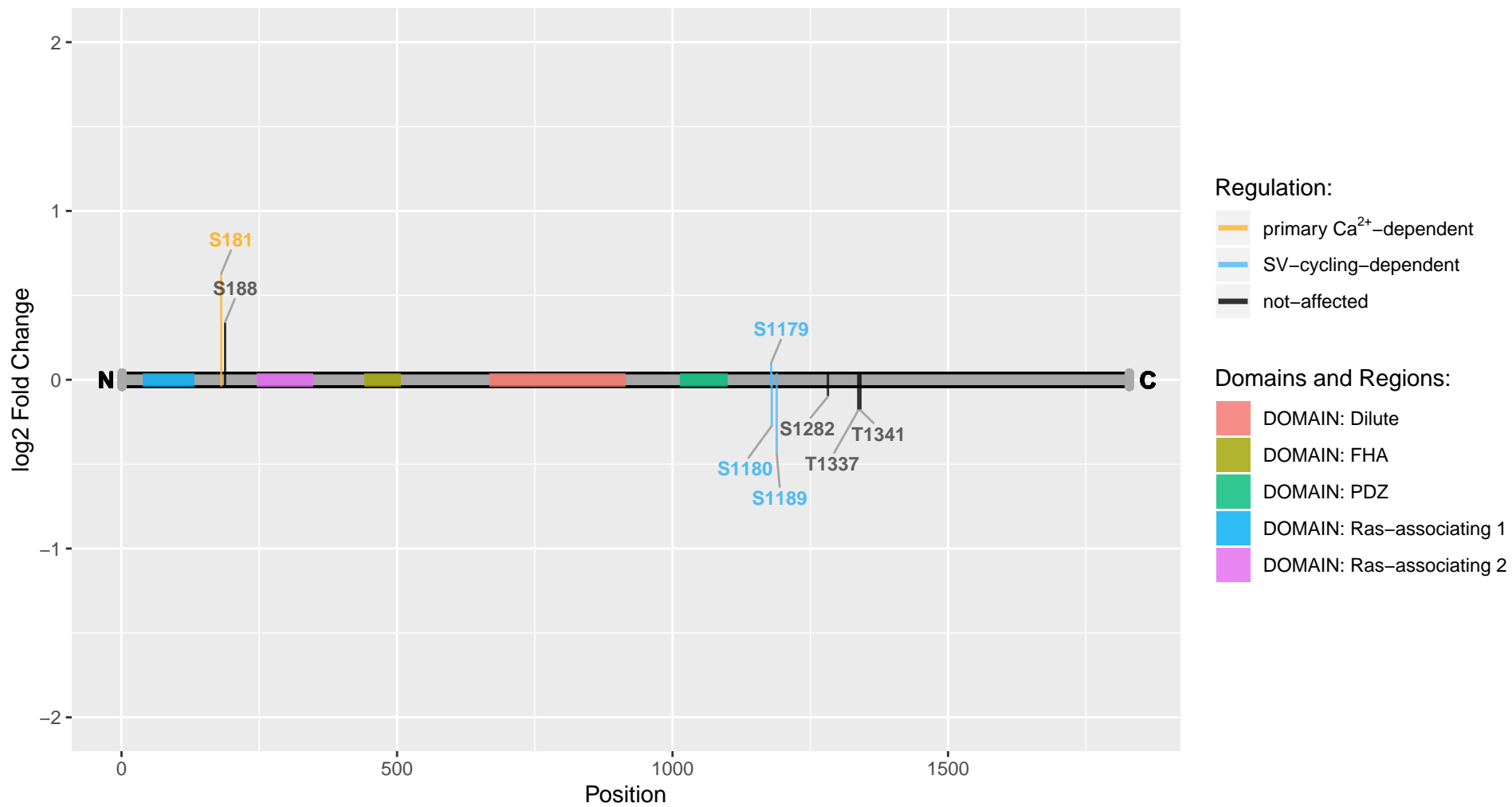
Domains and Regions:

- DOMAIN: GPS
- DOMAIN: Olfactomedin-like
- DOMAIN: SUEL-type lectin
- REGION: Interaction with FLRT3

Afdn

Uniprot Accession: O35889

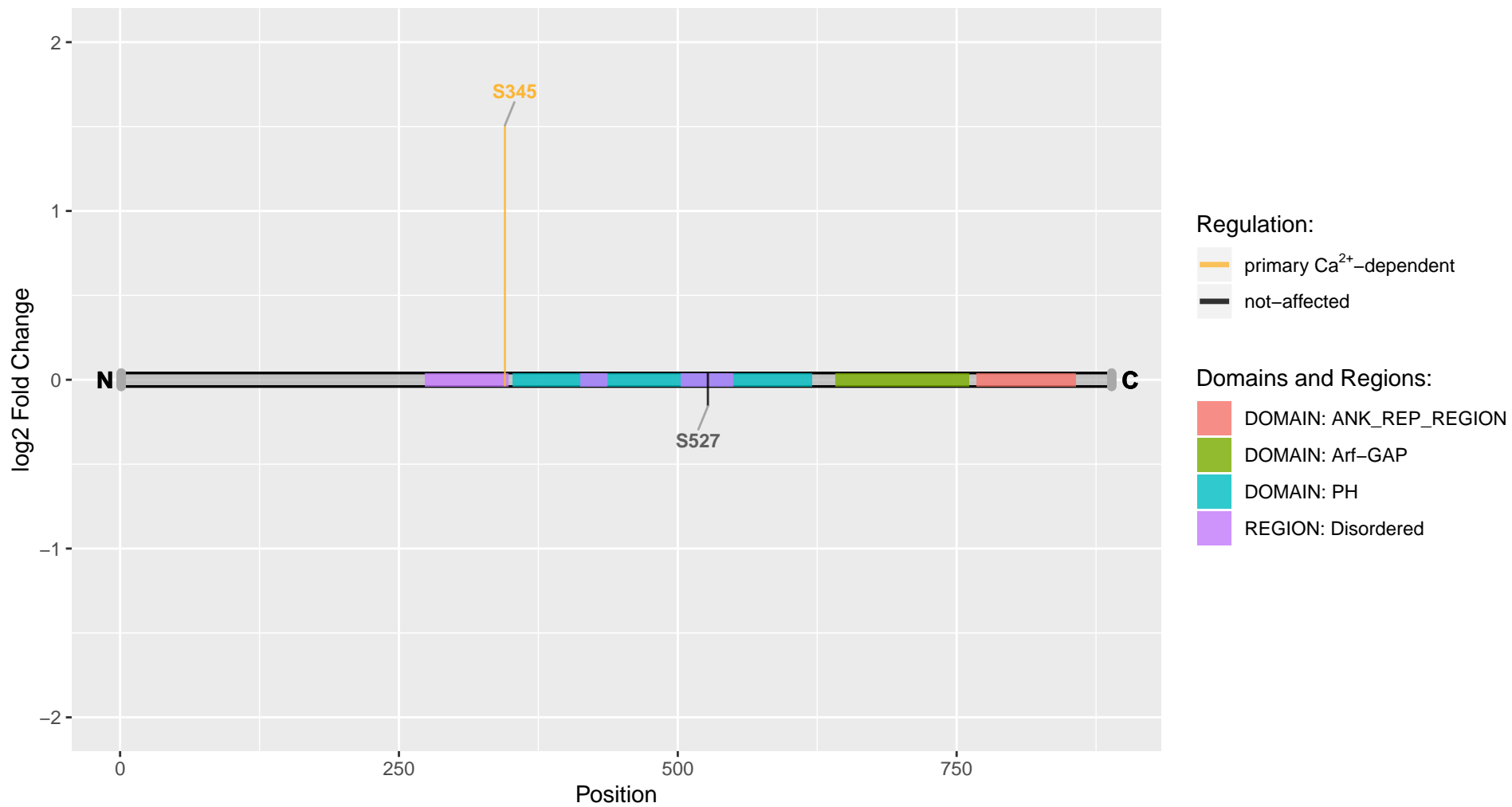
Afadin



Agap1

Uniprot Accession: A0A0G2K847

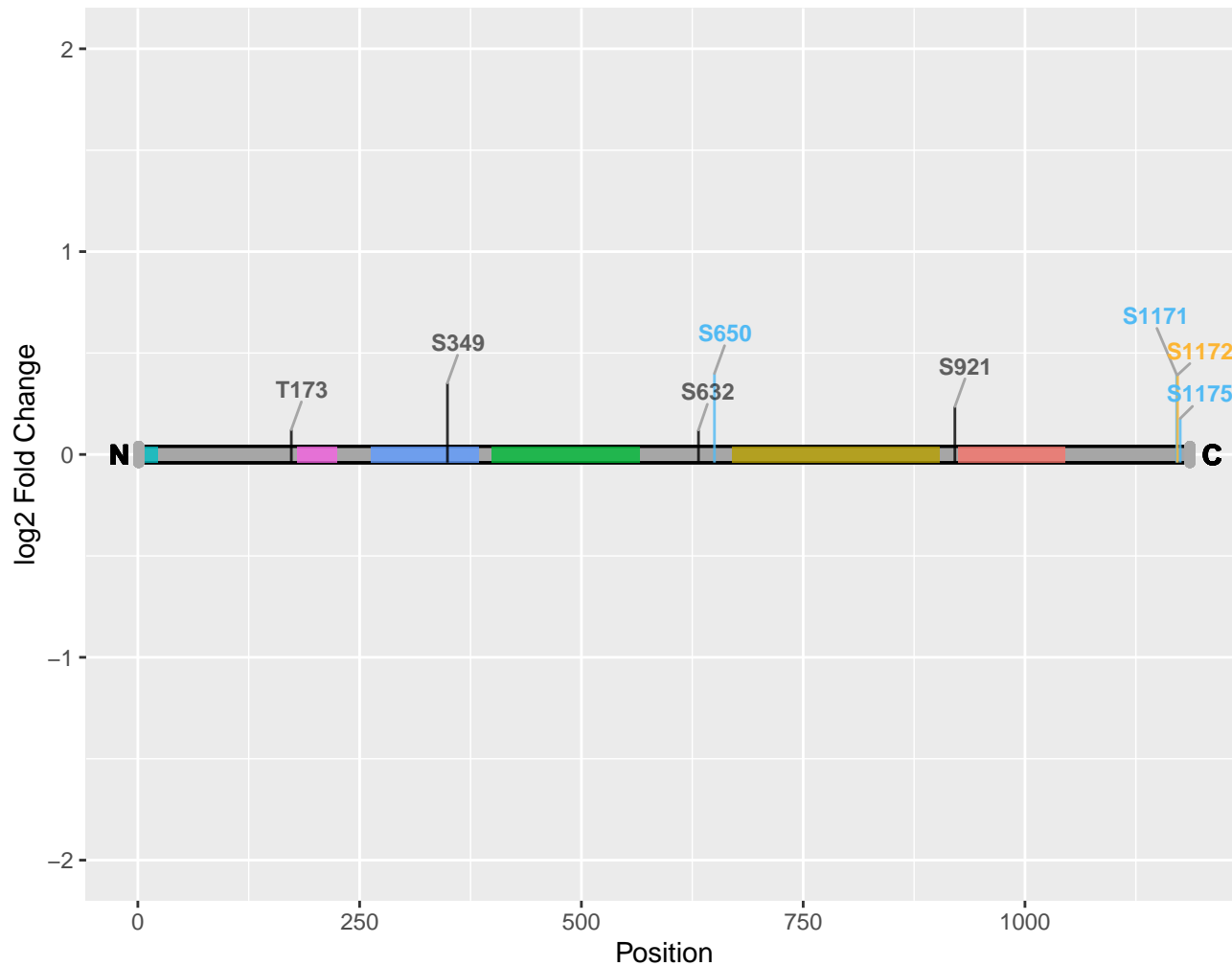
ArfGAP with GTPase domain, ankyrin repeat and PH domain 1



Agap2

Uniprot Accession: Q8CGU4

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



Regulation:

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

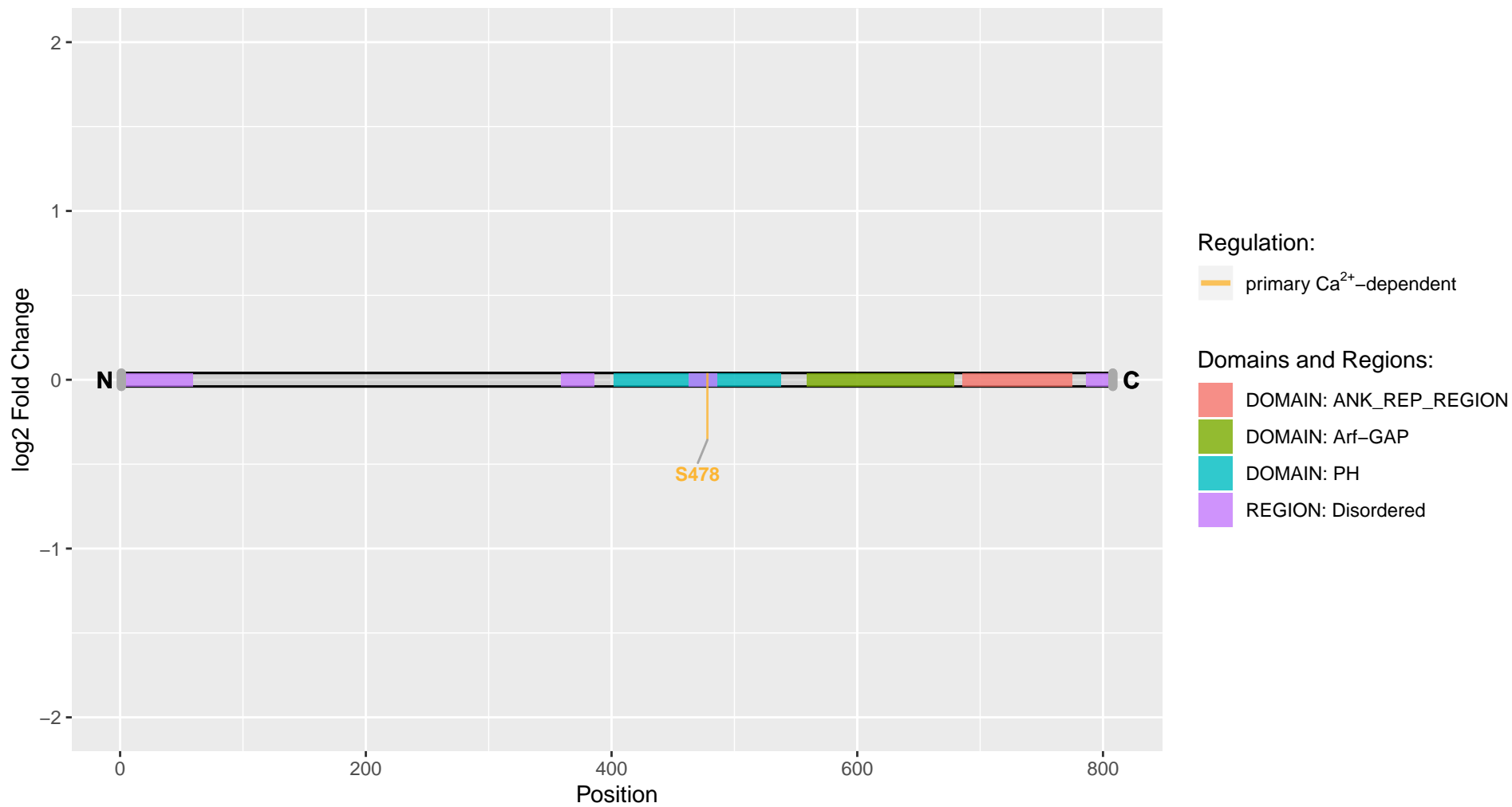
Domains and Regions:

- DOMAIN: Arf-GAP
- DOMAIN: PH
- REGION: G domain
- REGION: Interaction with EPB41L1
- REGION: Interaction with PLCG1
- REGION: Interactions with HOMER1 and NF2

Agap3

Uniprot Accession: A0A0G2JZ83

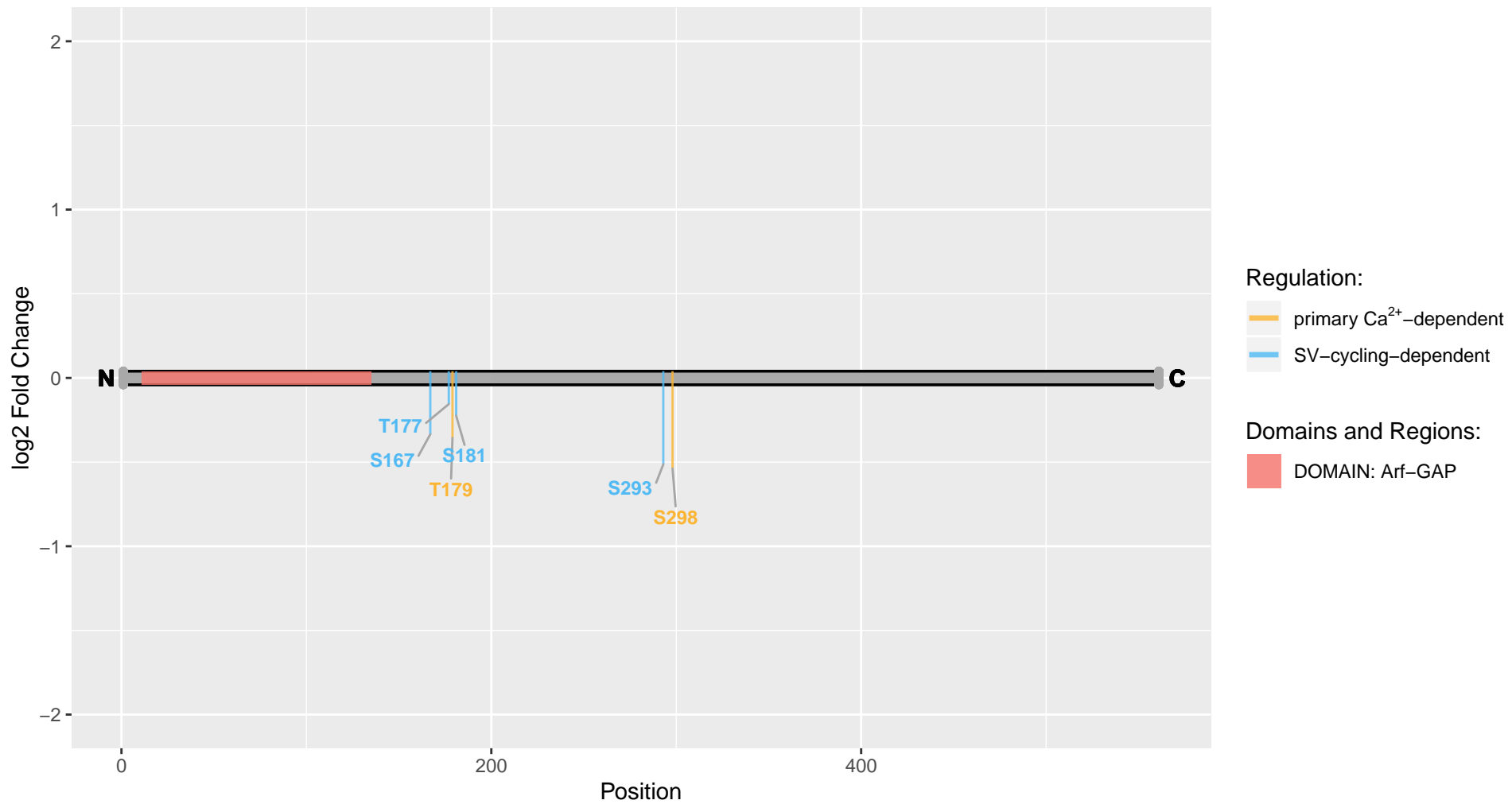
ArfGAP with GTPase domain, ankyrin repeat and PH domain 3



Agfg1

Uniprot Accession: Q4KLH5

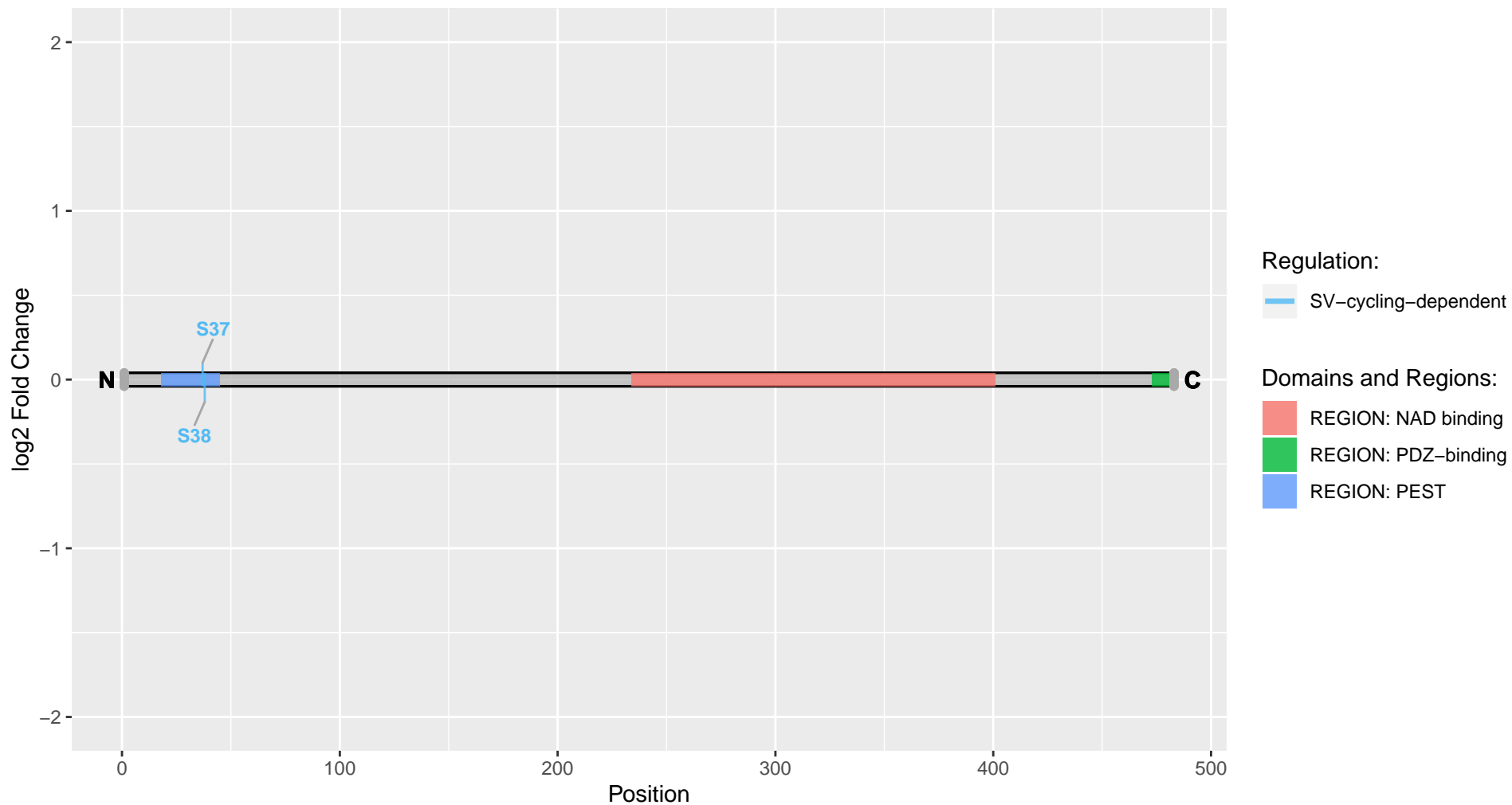
Arf-GAP domain and FG repeat-containing protein 1



Ahcy11

Uniprot Accession: B5DFN2

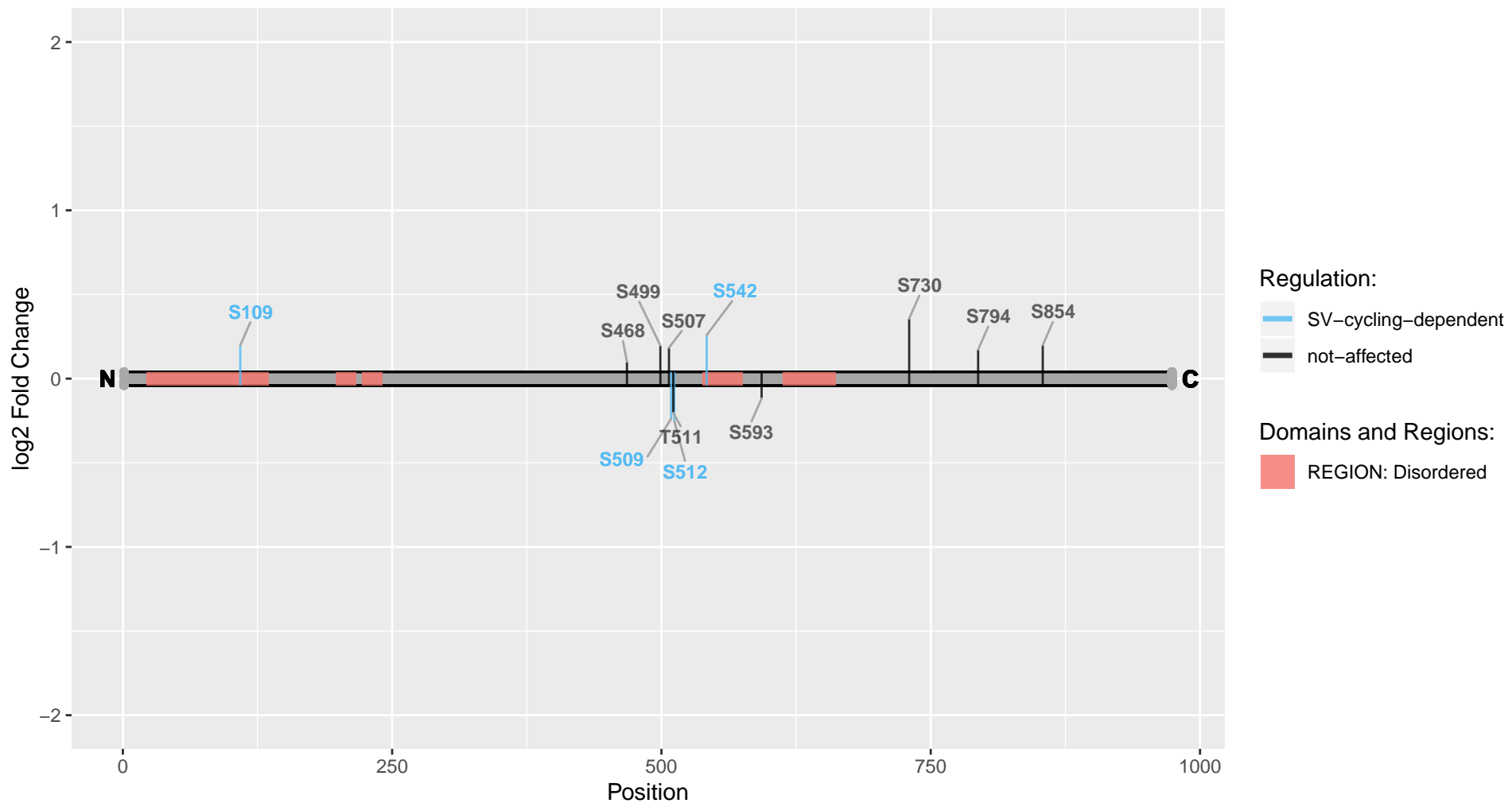
S-adenosylhomocysteine hydrolase-like protein 1



Ajm1

Uniprot Accession: D3ZTF0

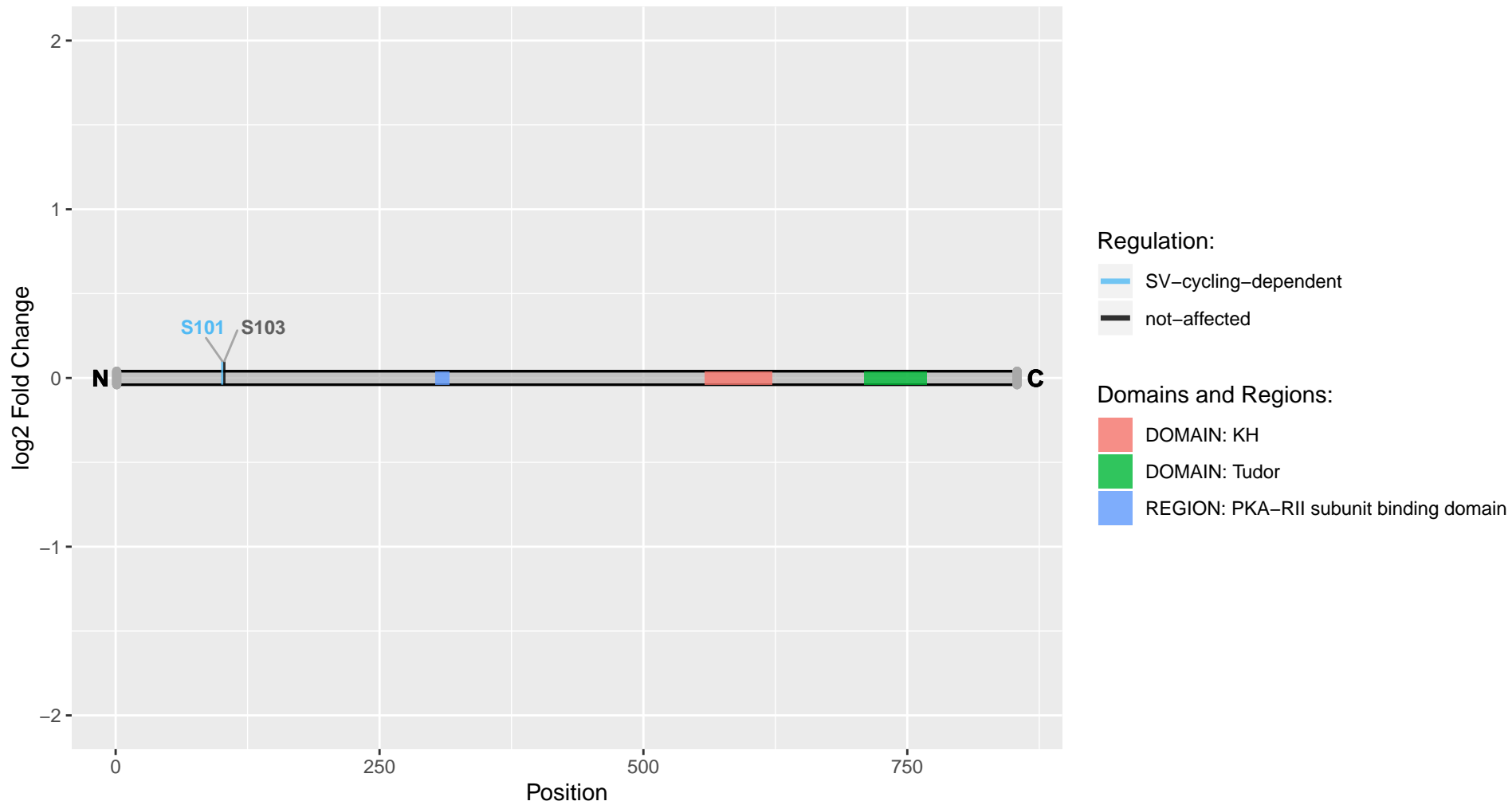
Apical junction component 1 homolog



Akap1

Uniprot Accession: O88884

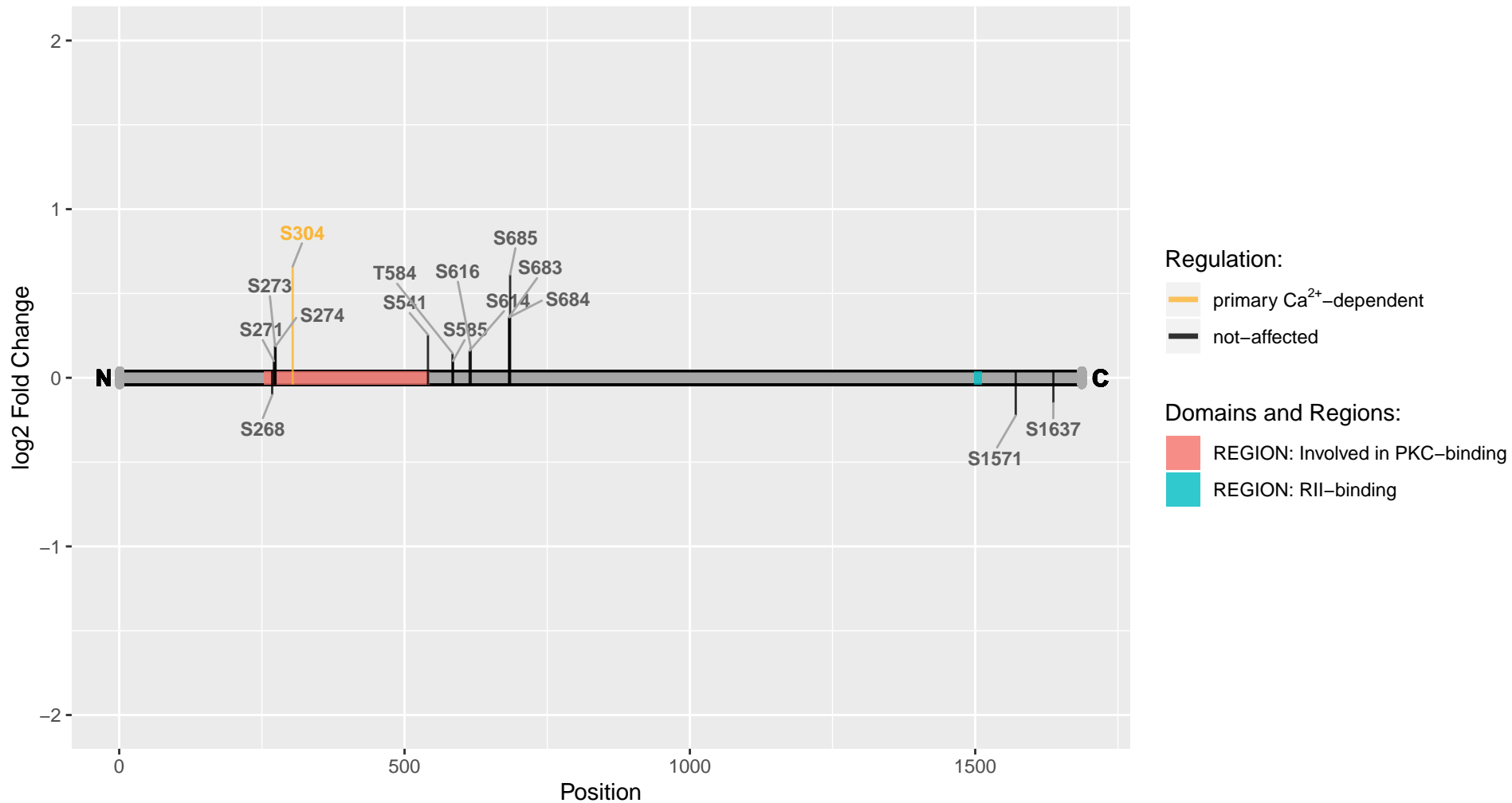
A-kinase anchor protein 1, mitochondrial



Akap12

Uniprot Accession: Q5QD51

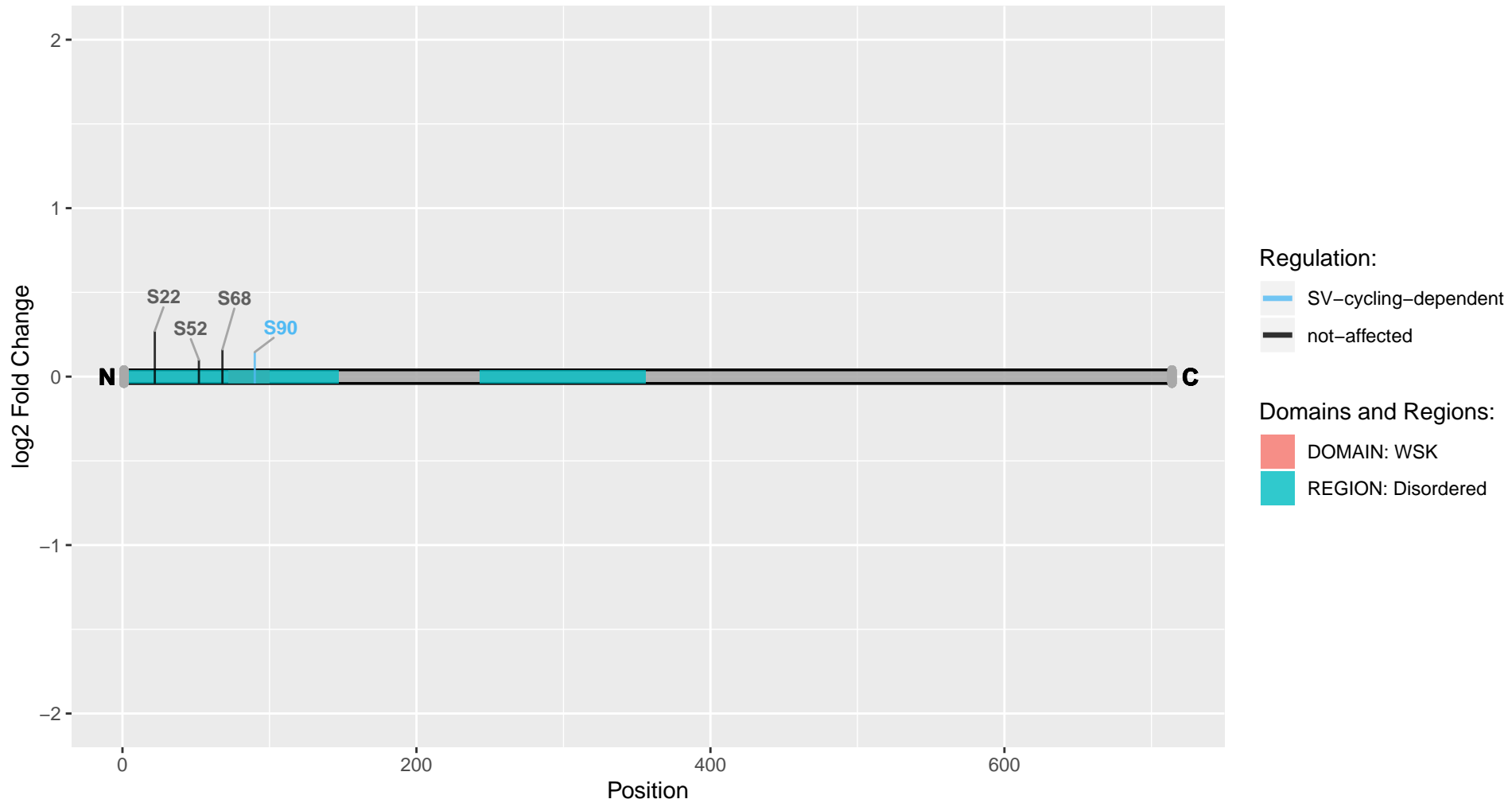
A-kinase anchor protein 12



Akap5

Uniprot Accession: F1LPP6

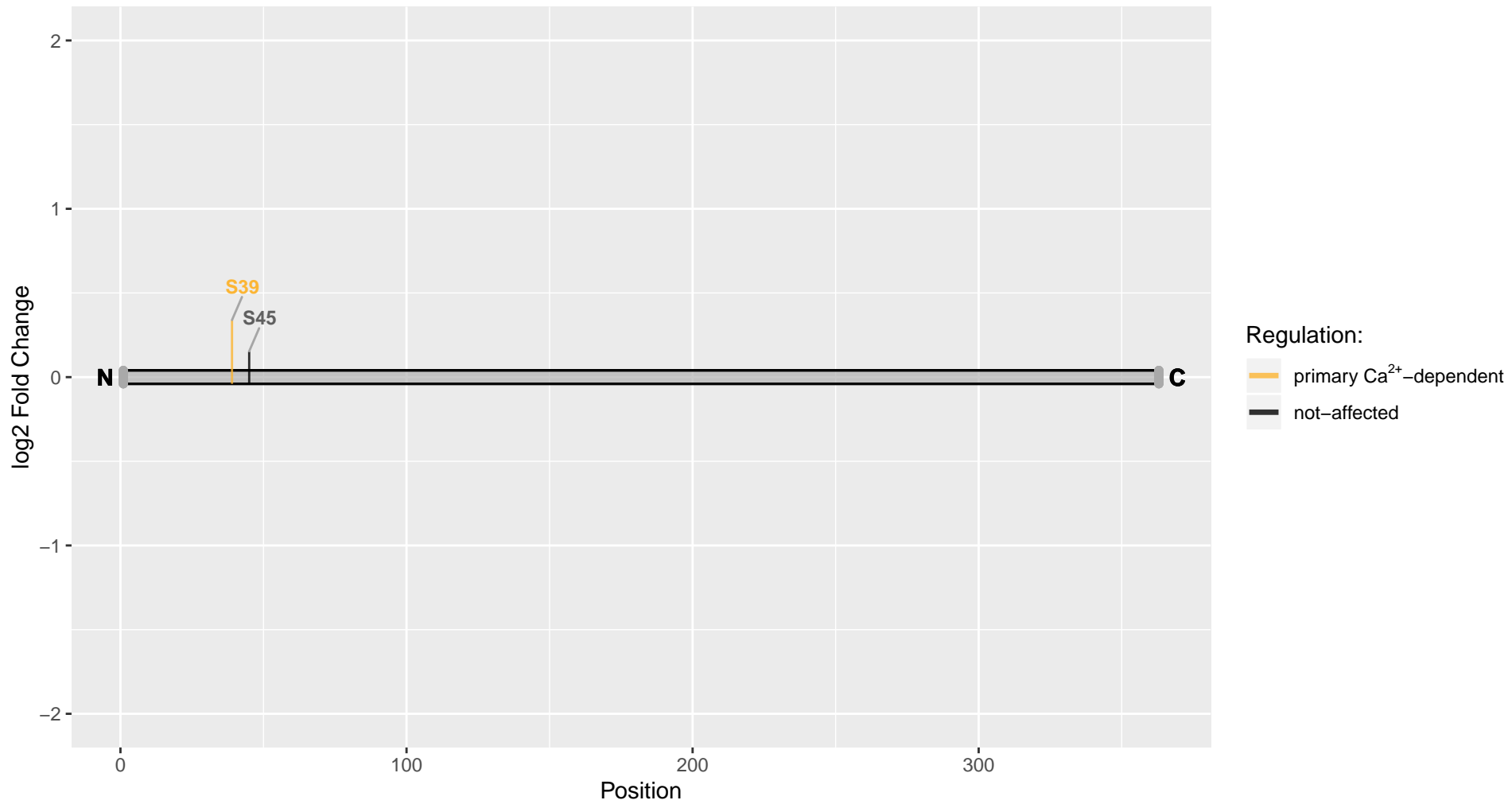
A-kinase anchor protein 5



Aldoc

Uniprot Accession: P09117

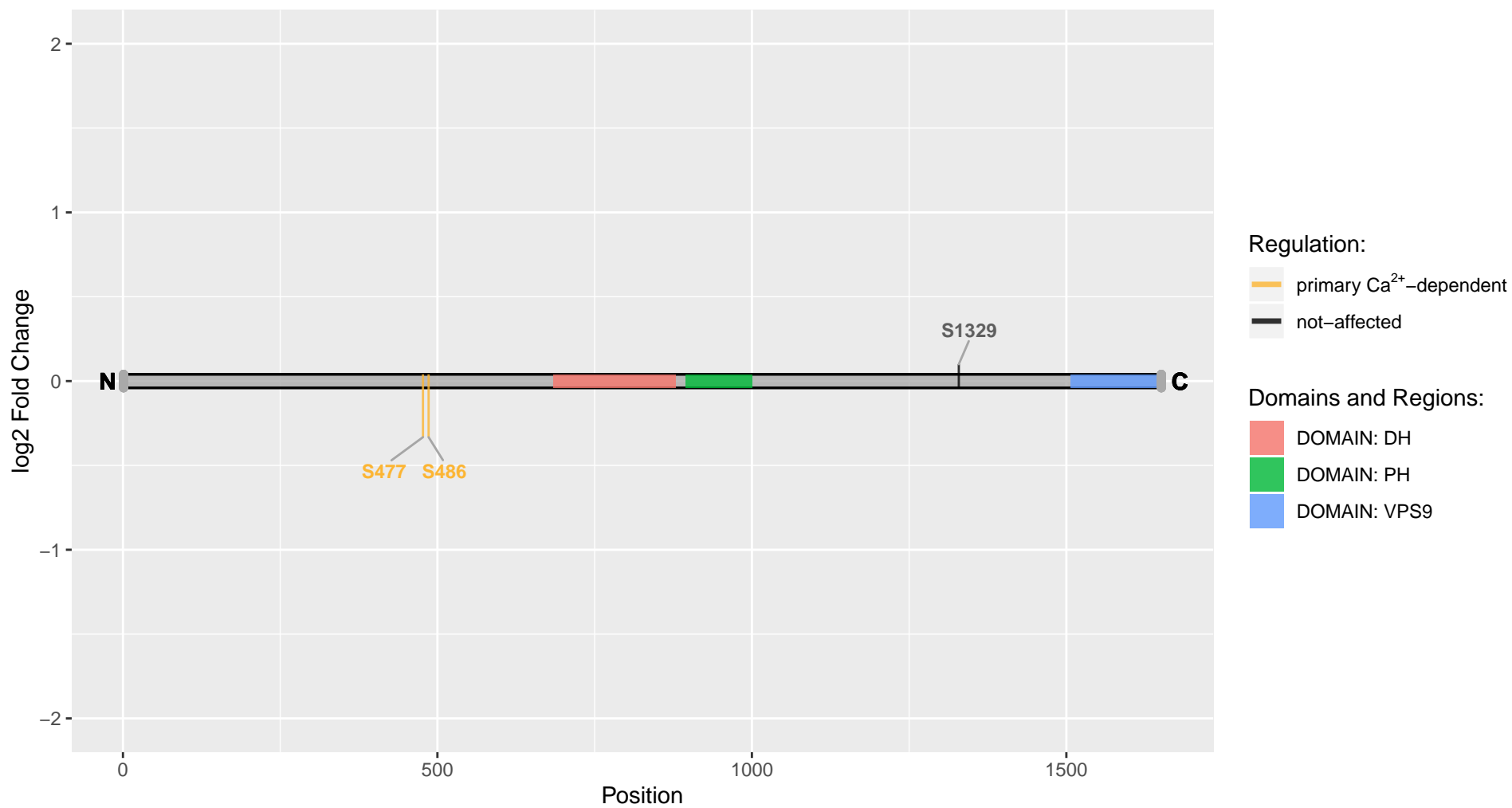
Fructose-bisphosphate aldolase C



Als2

Uniprot Accession: P0C5Y8

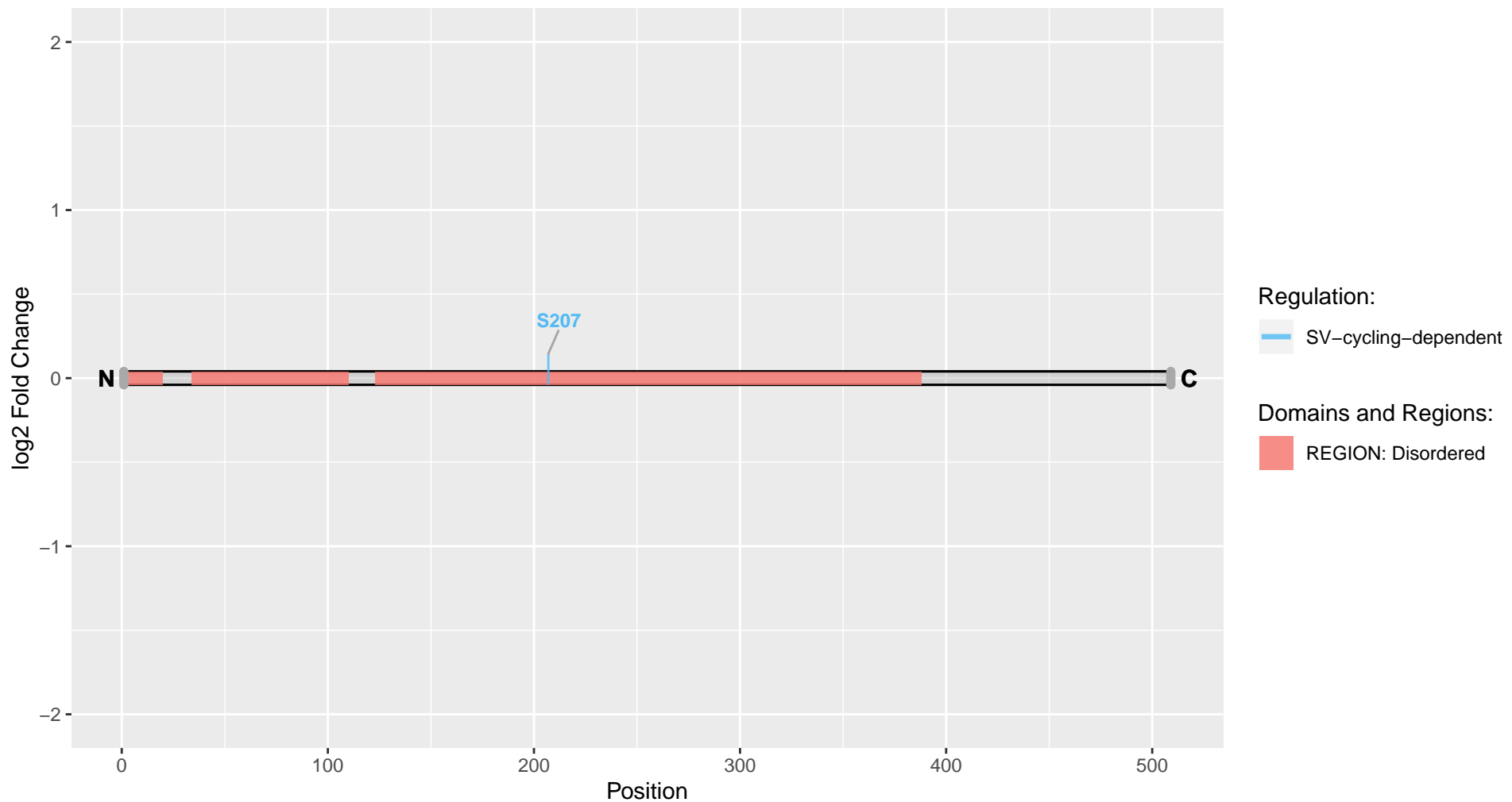
Alsin



Amer2

Uniprot Accession: A0A0G2JWK6

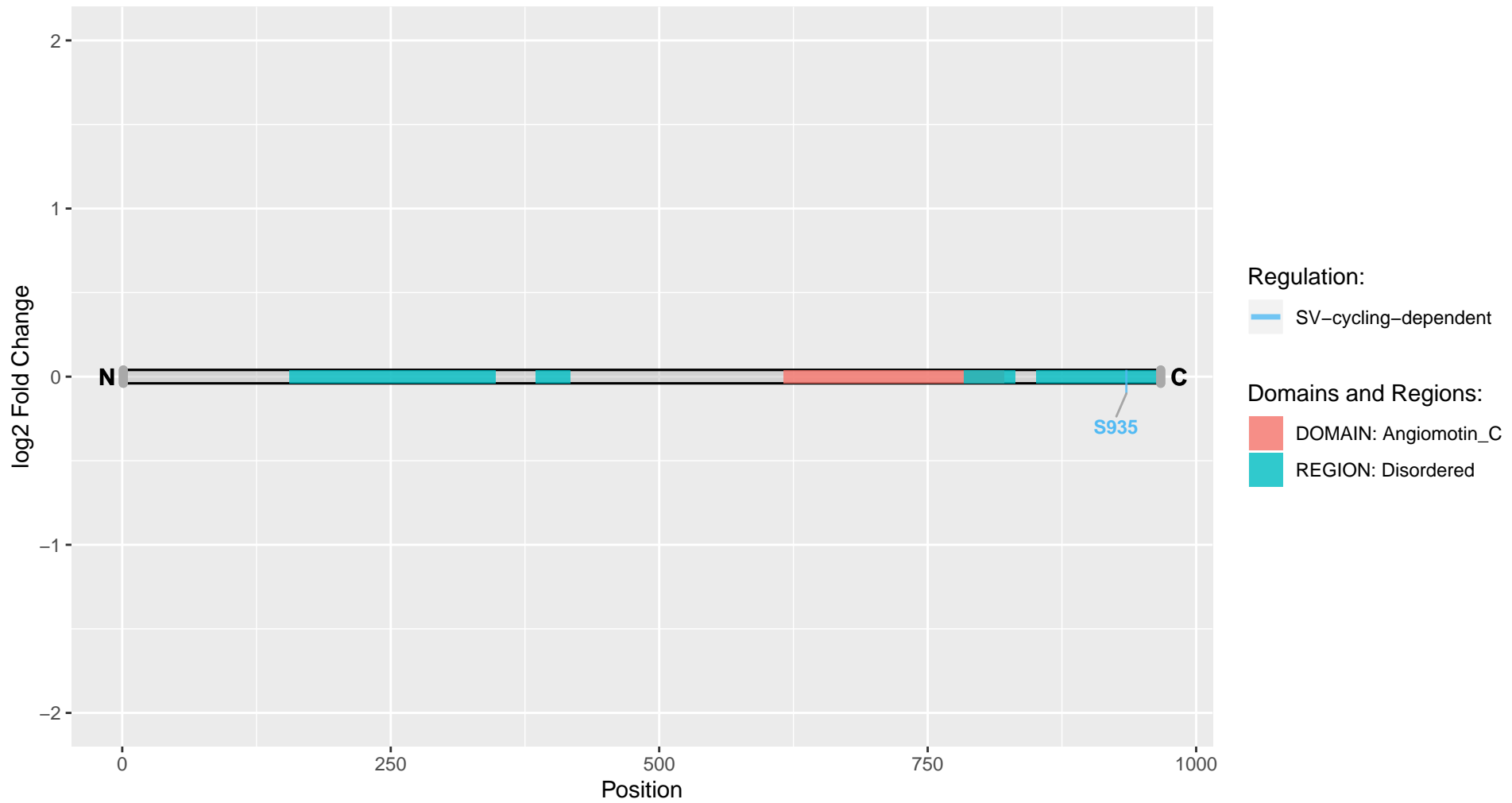
APC membrane recruitment protein 2



Amotl1

Uniprot Accession: F1LZQ6

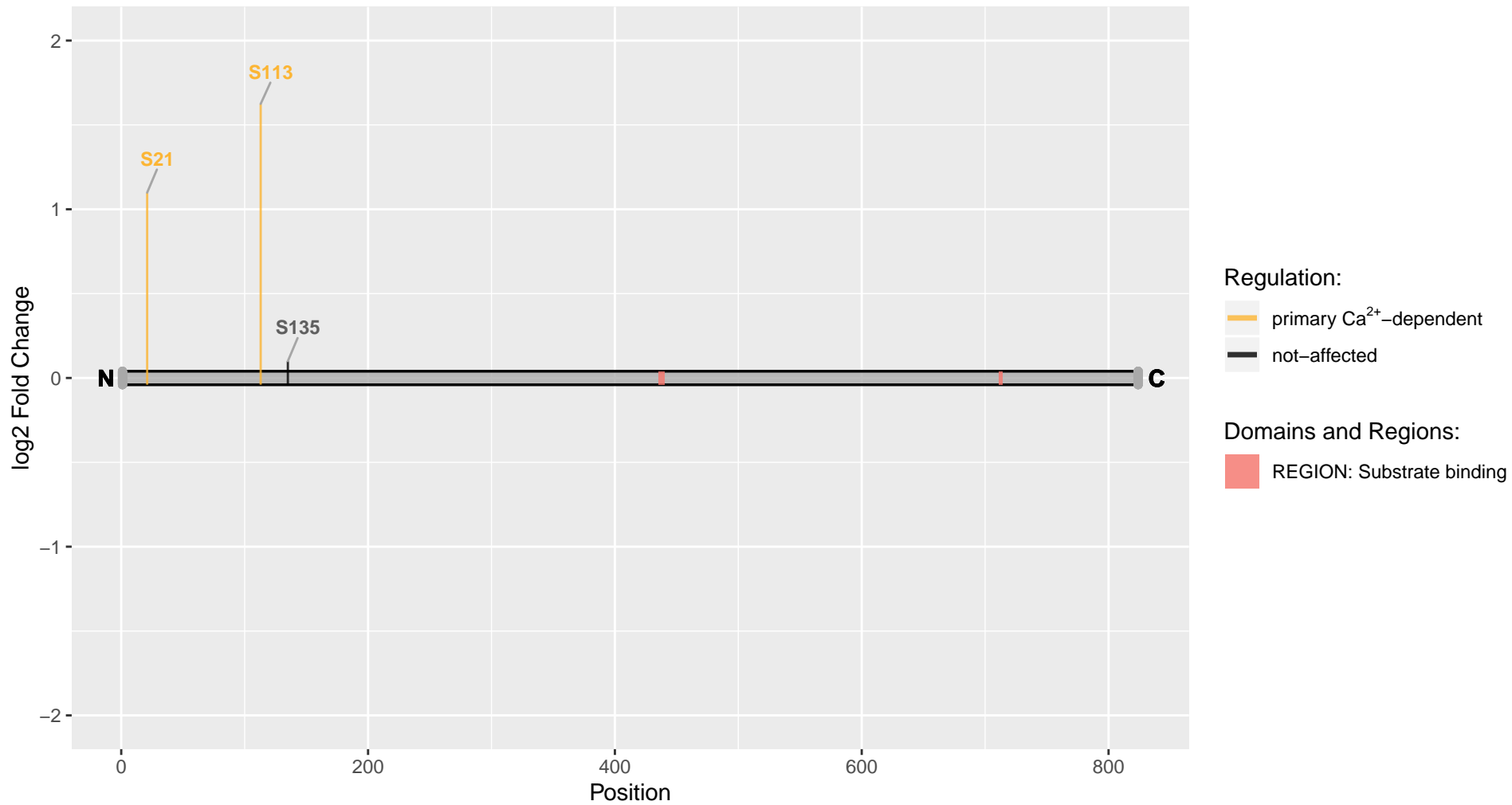
Angiotensin-like 1



Ampd2

Uniprot Accession: Q02356

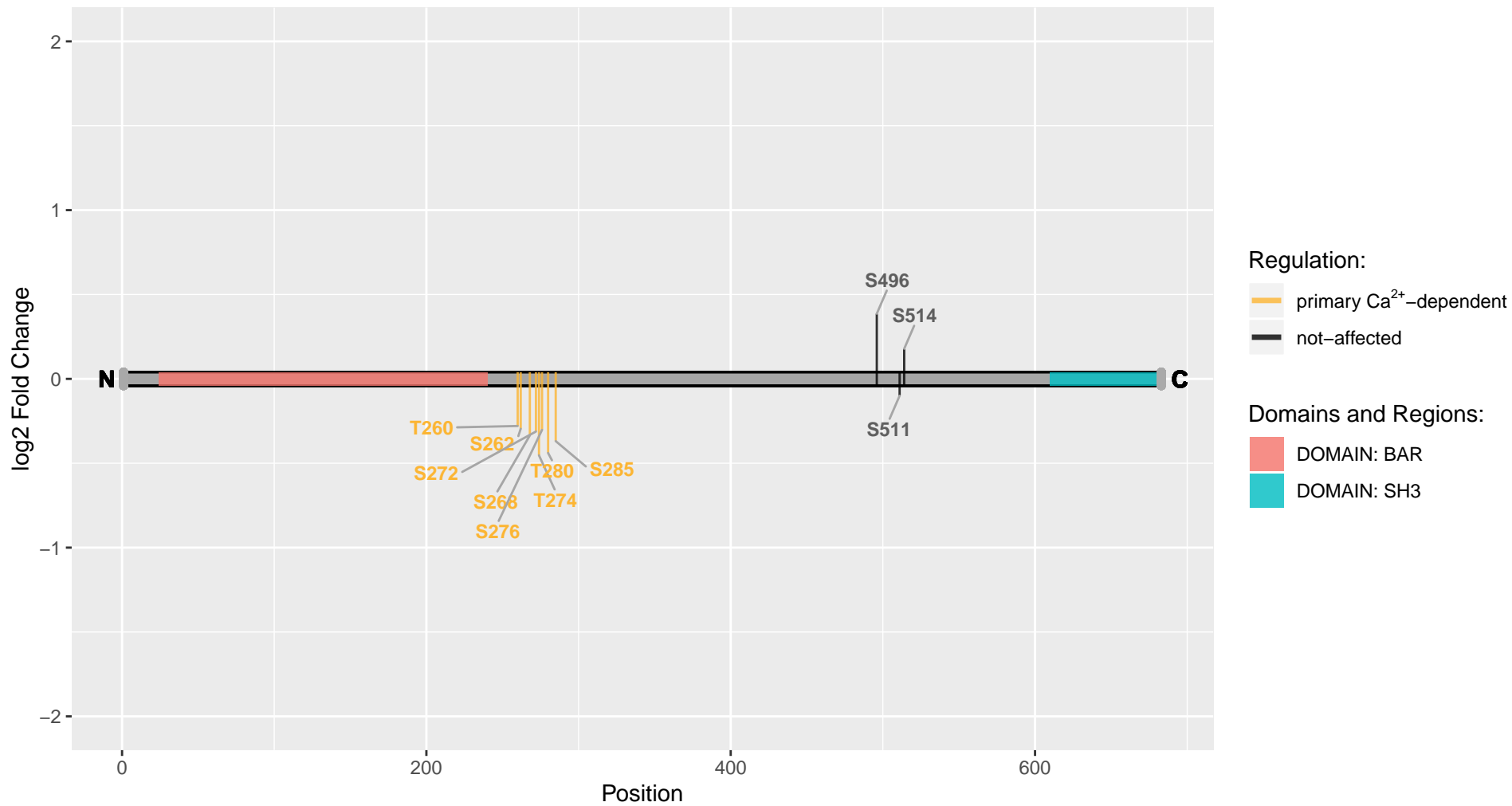
AMP deaminase 2



Amph

Uniprot Accession: O08838

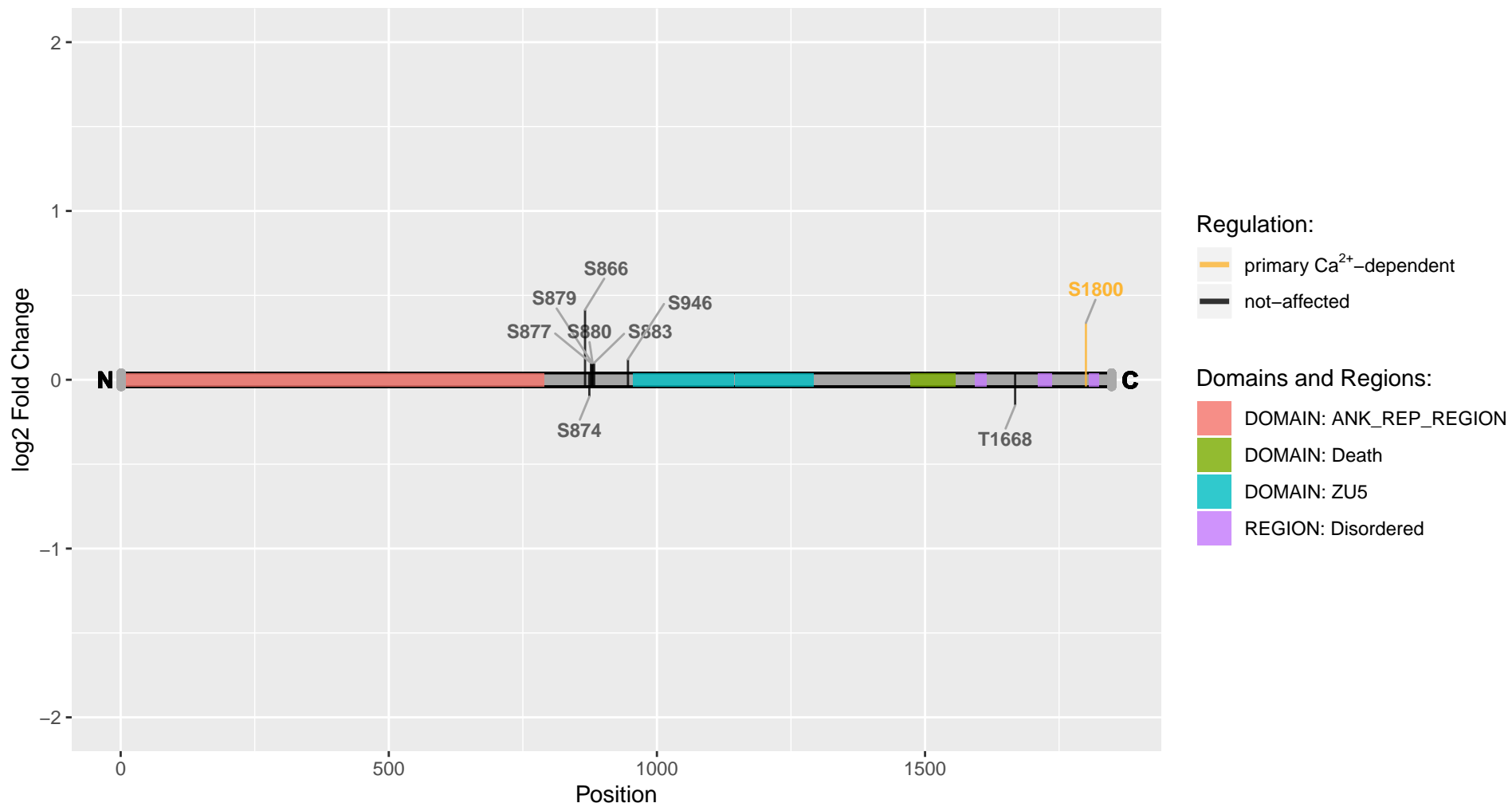
Amphiphysin



Ank2

Uniprot Accession: A0A0G2JZ56

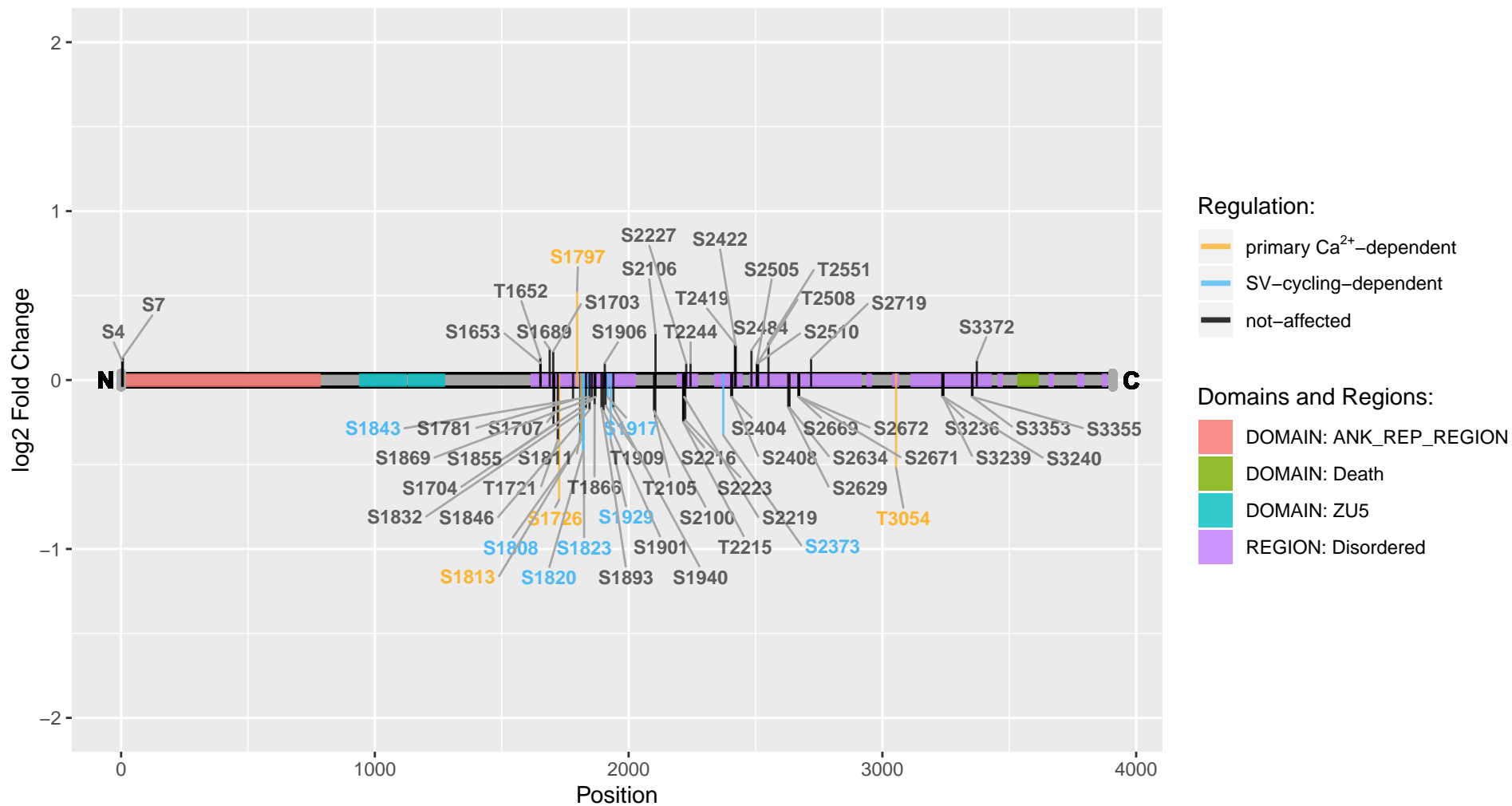
Ankyrin 2



Ank2

Uniprot Accession: F1M9N9

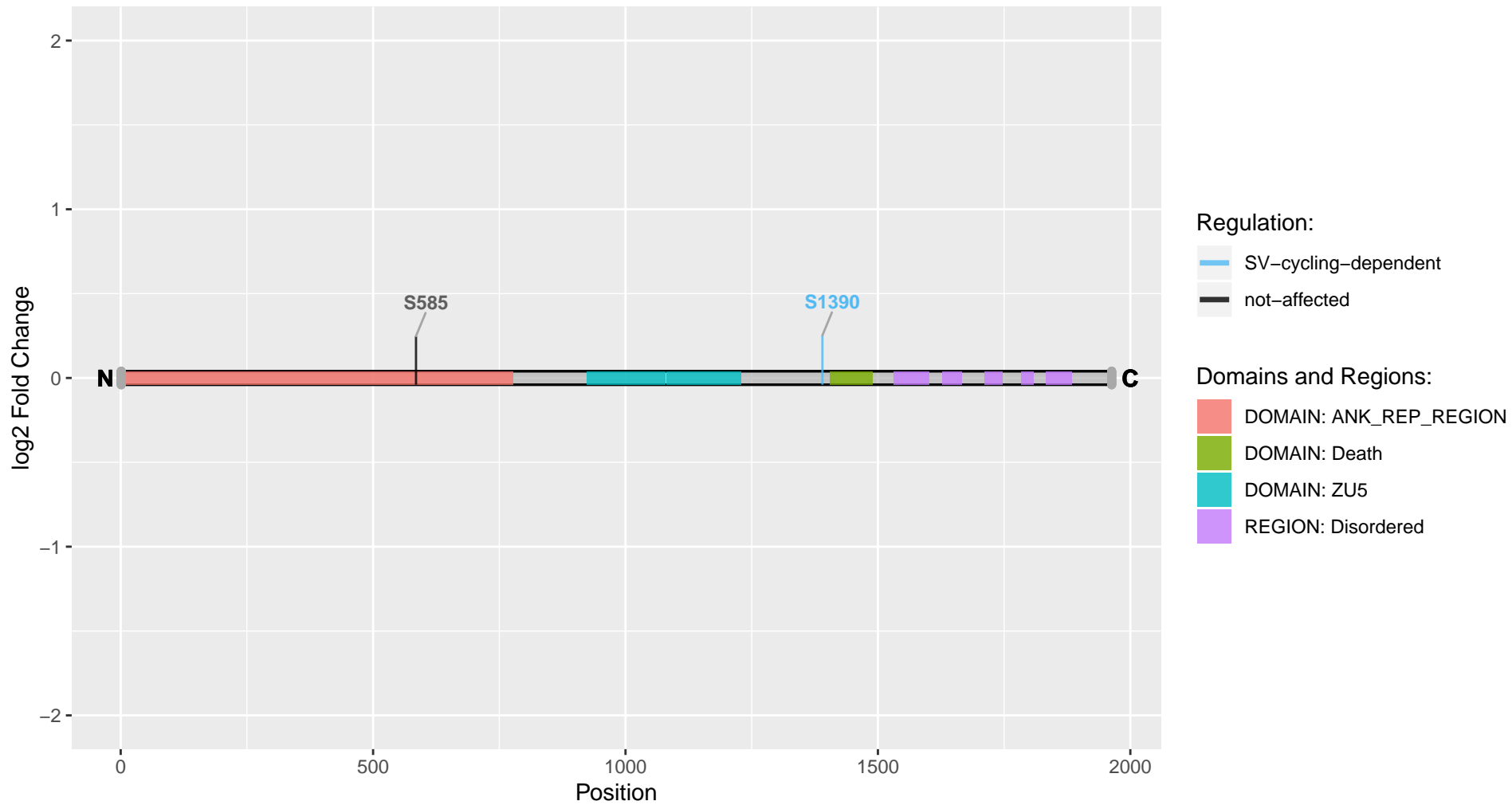
Ankyrin 2



Ank3

Uniprot Accession: A0A0G2K1Q7

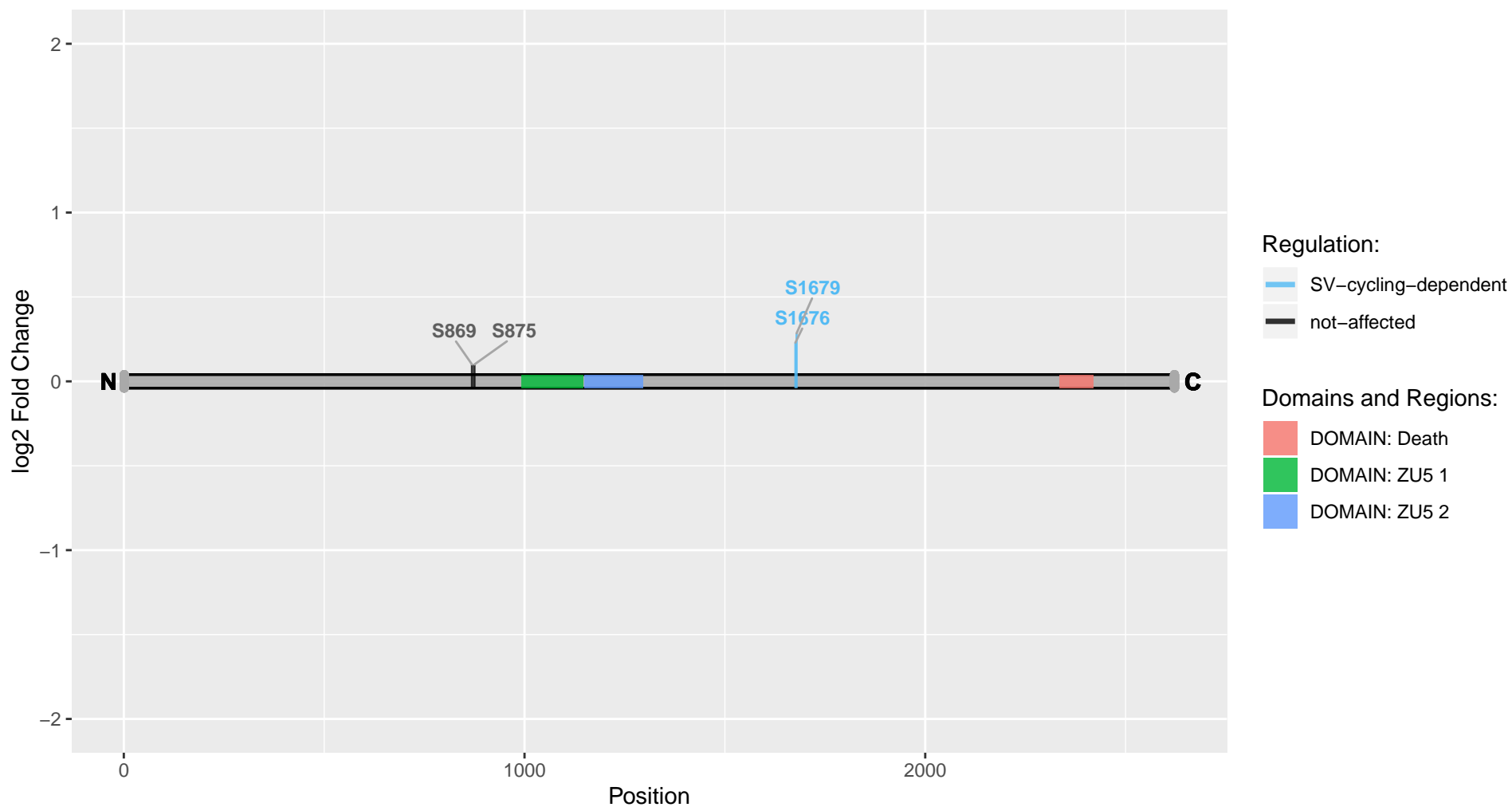
Ankyrin-3



Ank3

Uniprot Accession: O70511

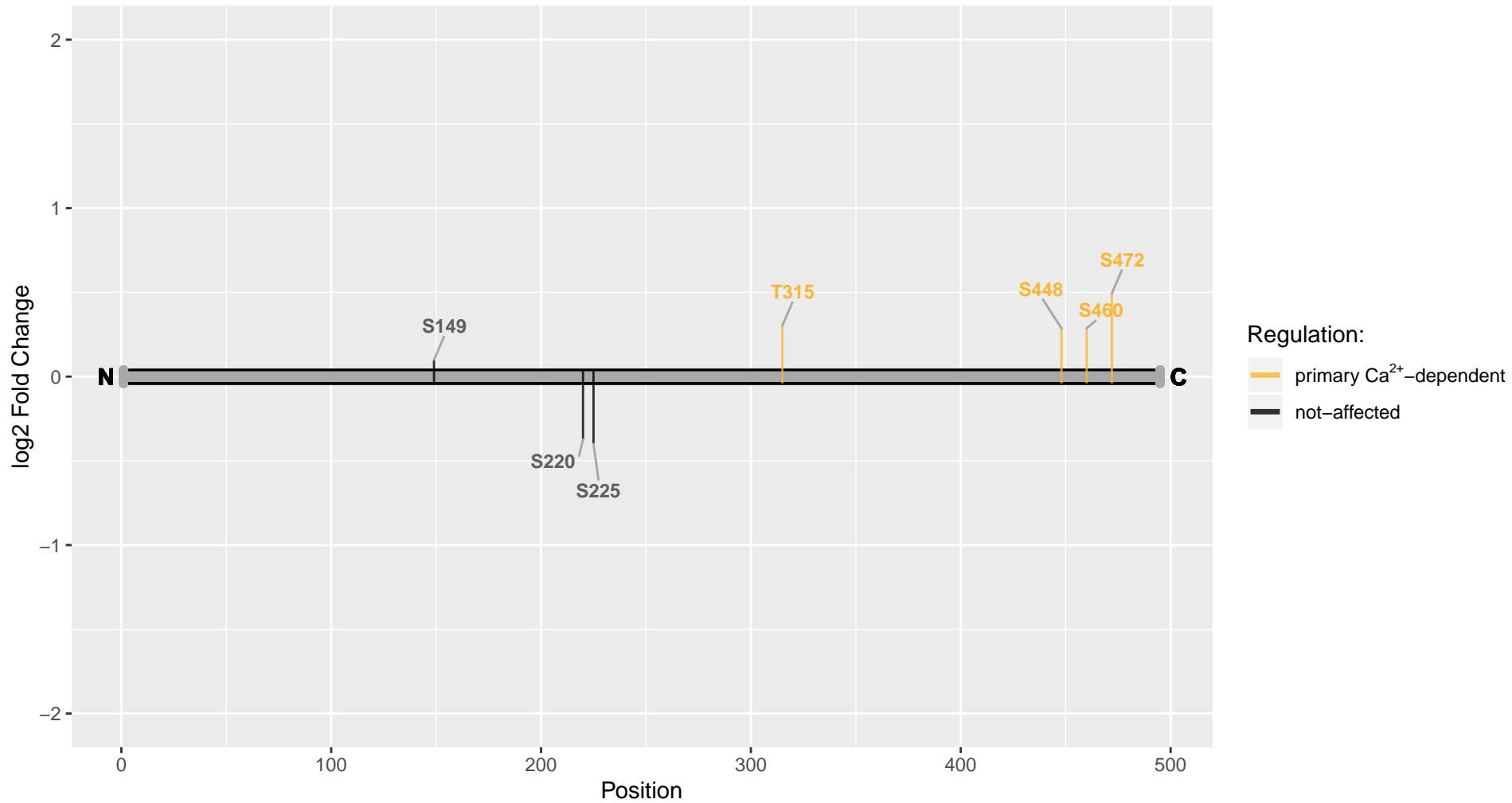
Ankyrin-3



Ankrd34a

Uniprot Accession: Q5BJT1

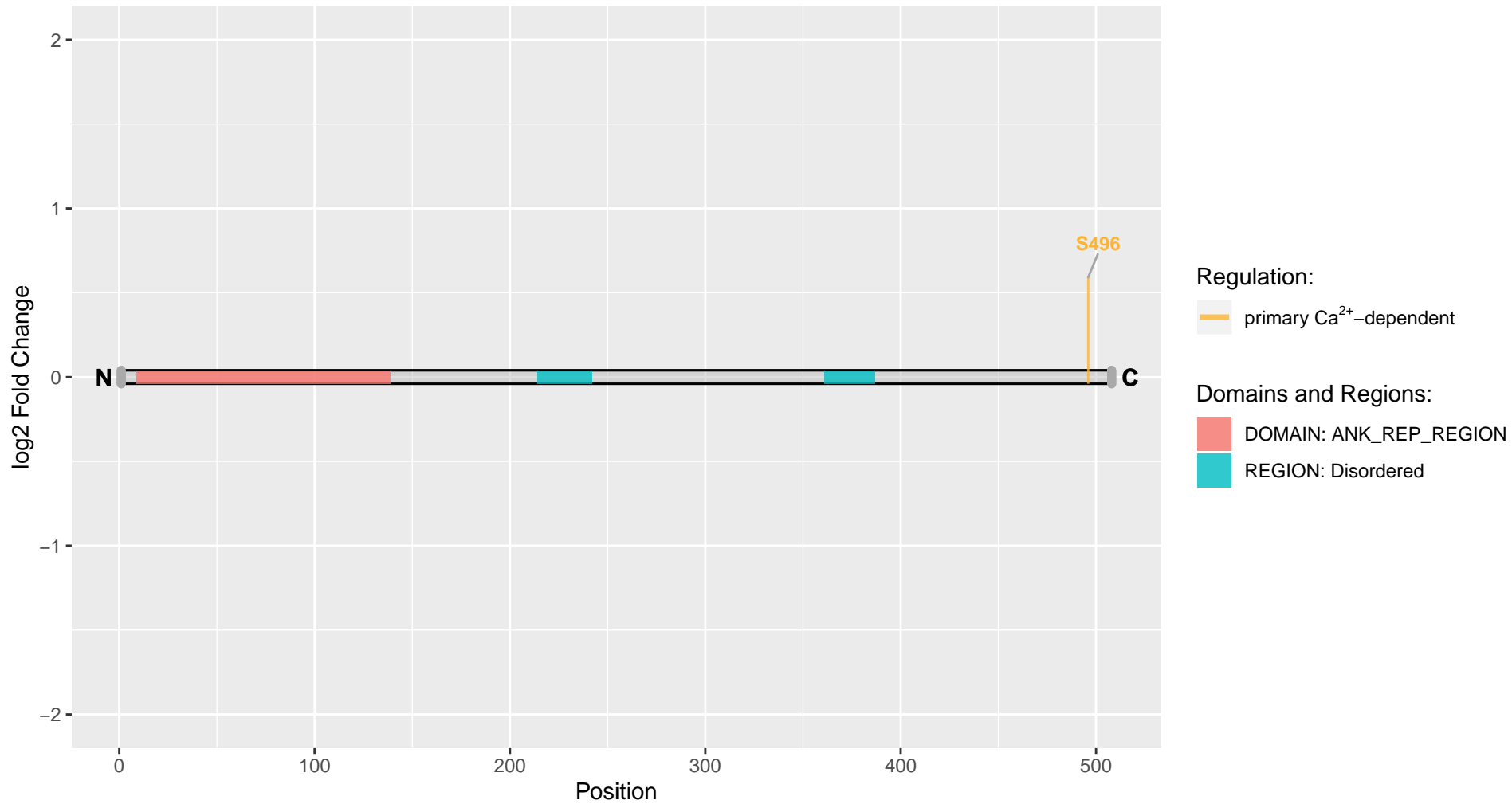
Ankyrin repeat domain-containing protein 34A



Ankrd34b

Uniprot Accession: D3ZKP1

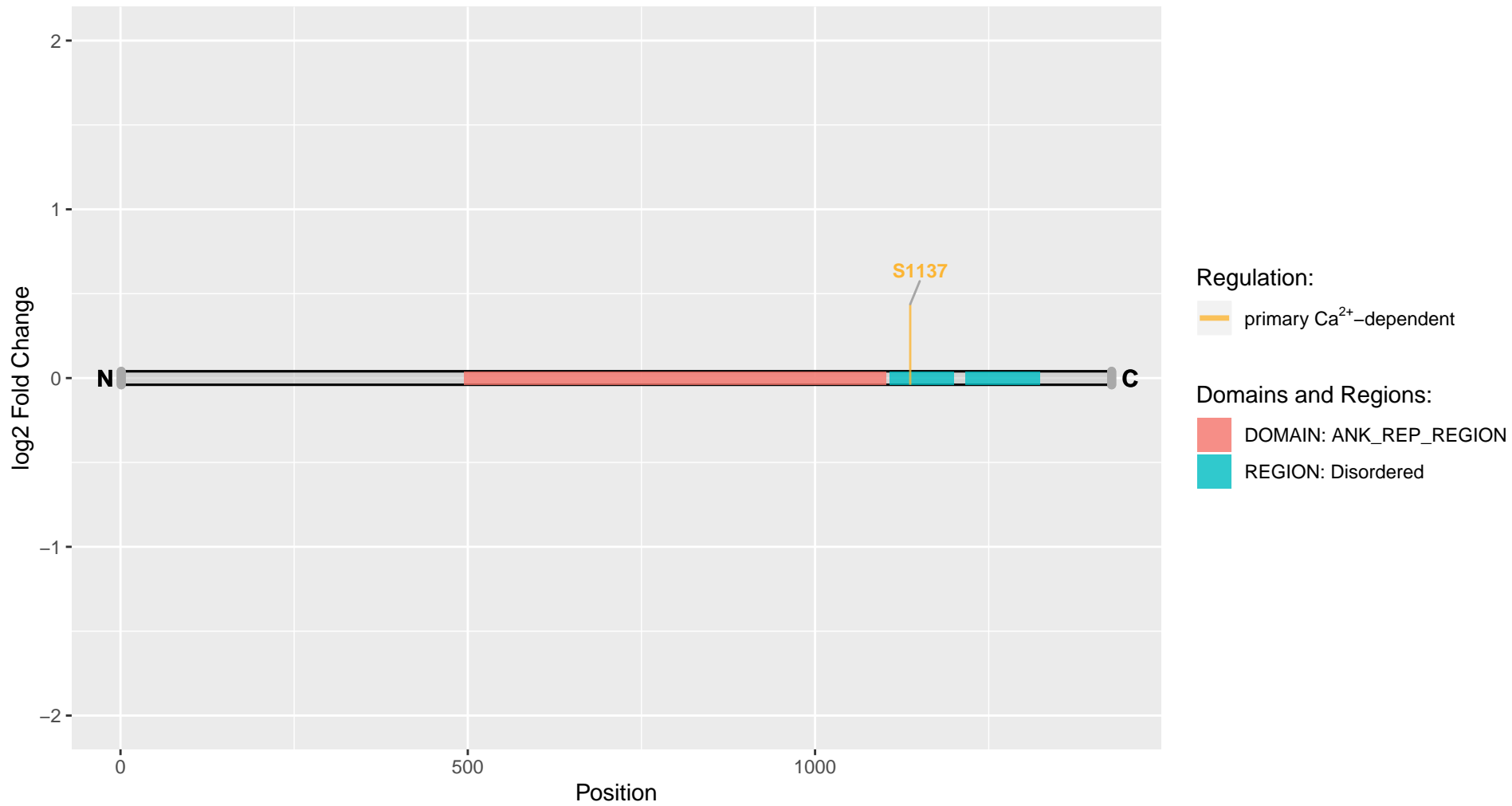
Ankyrin repeat domain 34B



Ankrd50

Uniprot Accession: F1LWB9

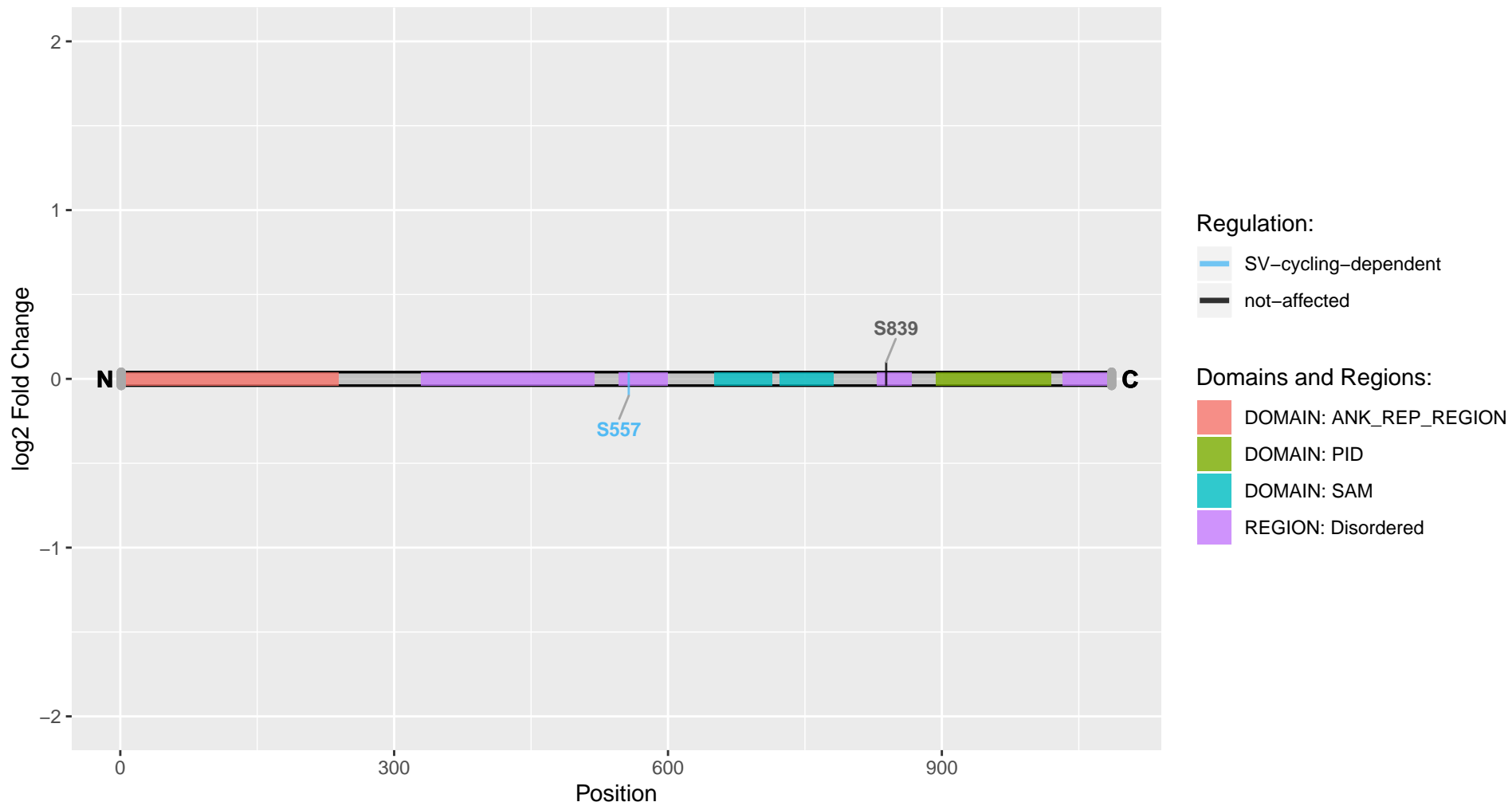
Ankyrin repeat domain 50



Anks1a

Uniprot Accession: A0A0G2K2G7

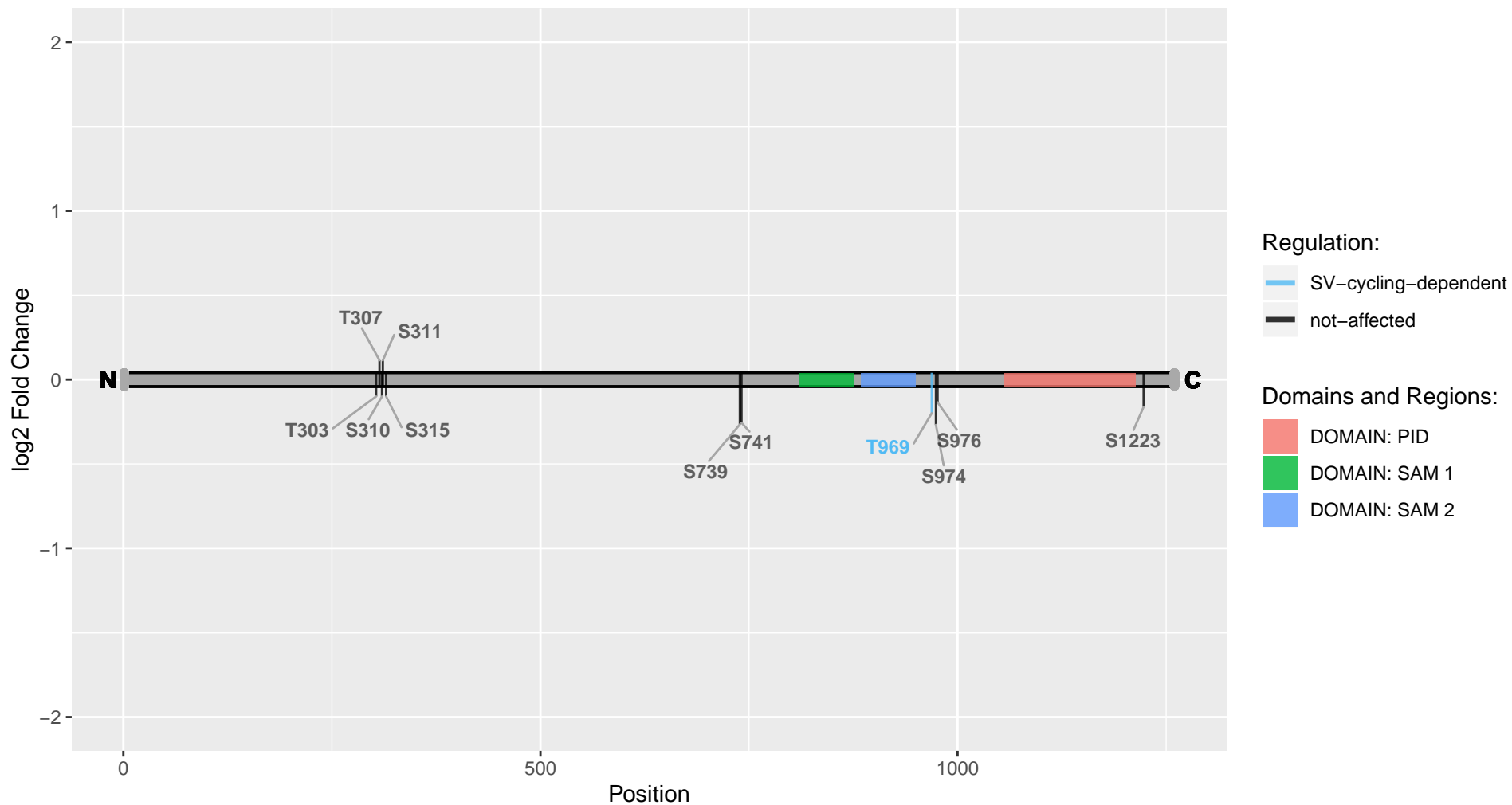
Ankyrin repeat and sterile alpha motif domain-containing 1A



Anks1b

Uniprot Accession: P0C6S7

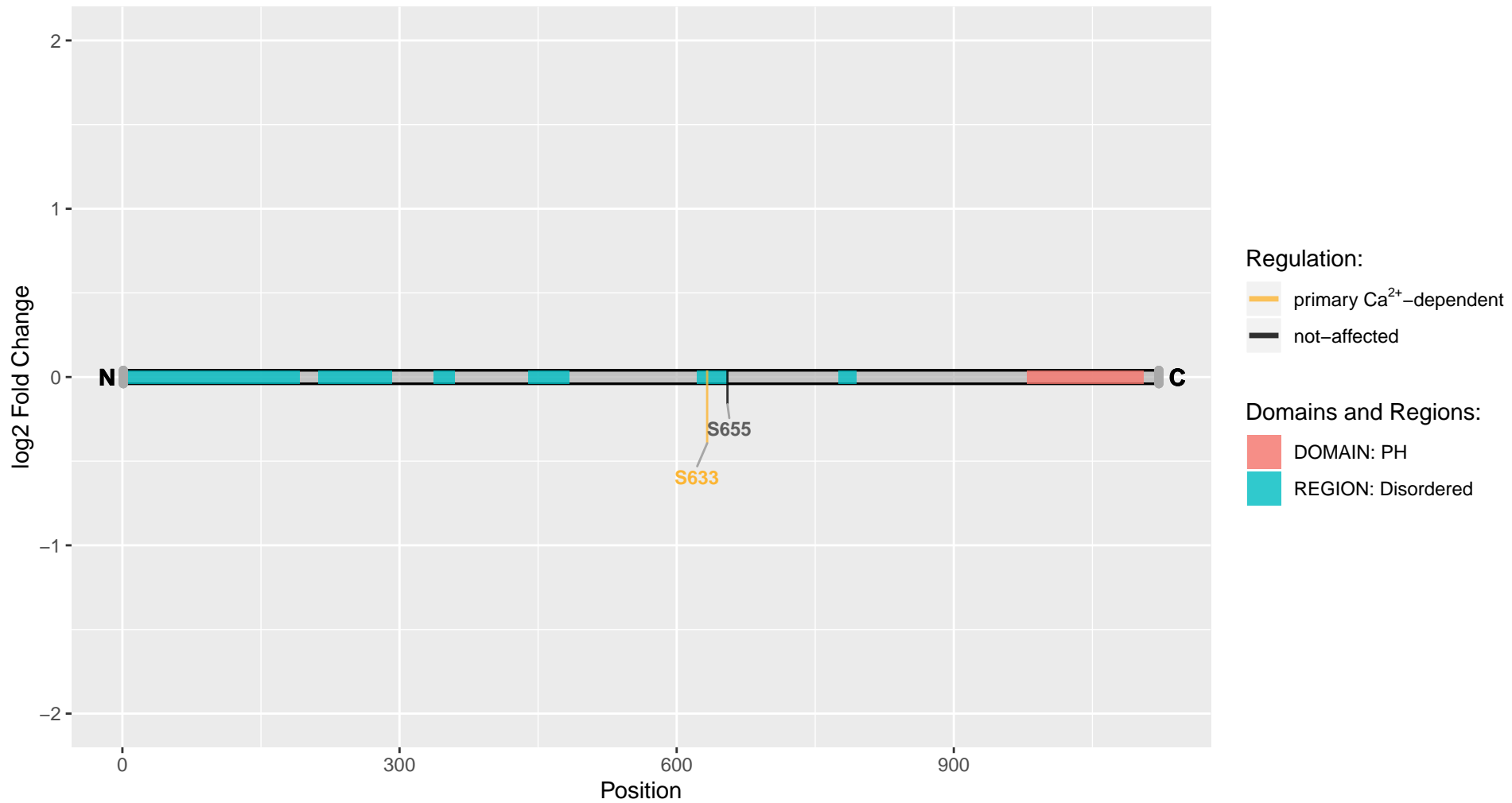
Ankyrin repeat and sterile alpha motif domain-containing protein 1B



AnIn

Uniprot Accession: D4A0V6

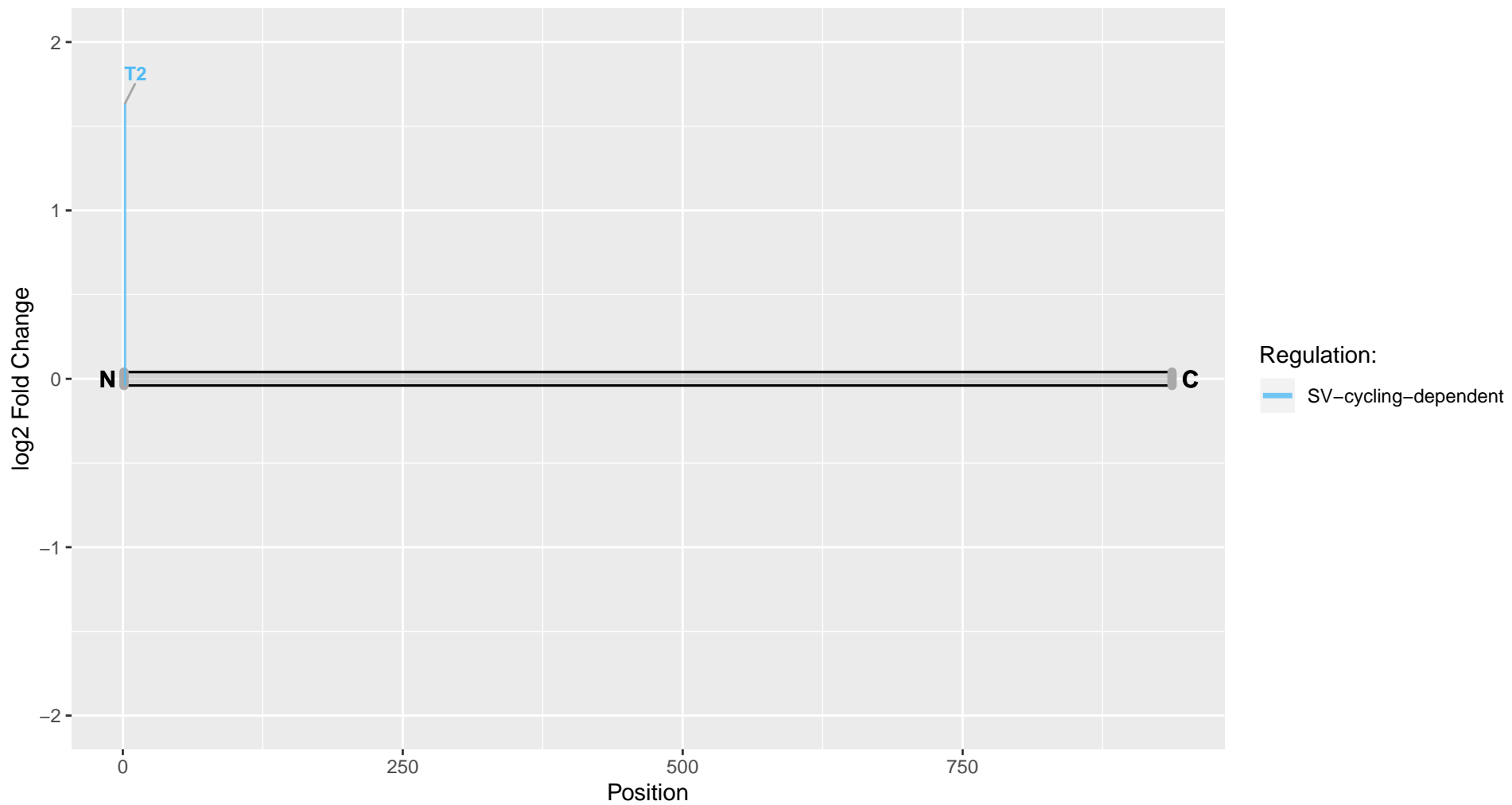
Anillin, actin-binding protein



Ap2b1

Uniprot Accession: P62944

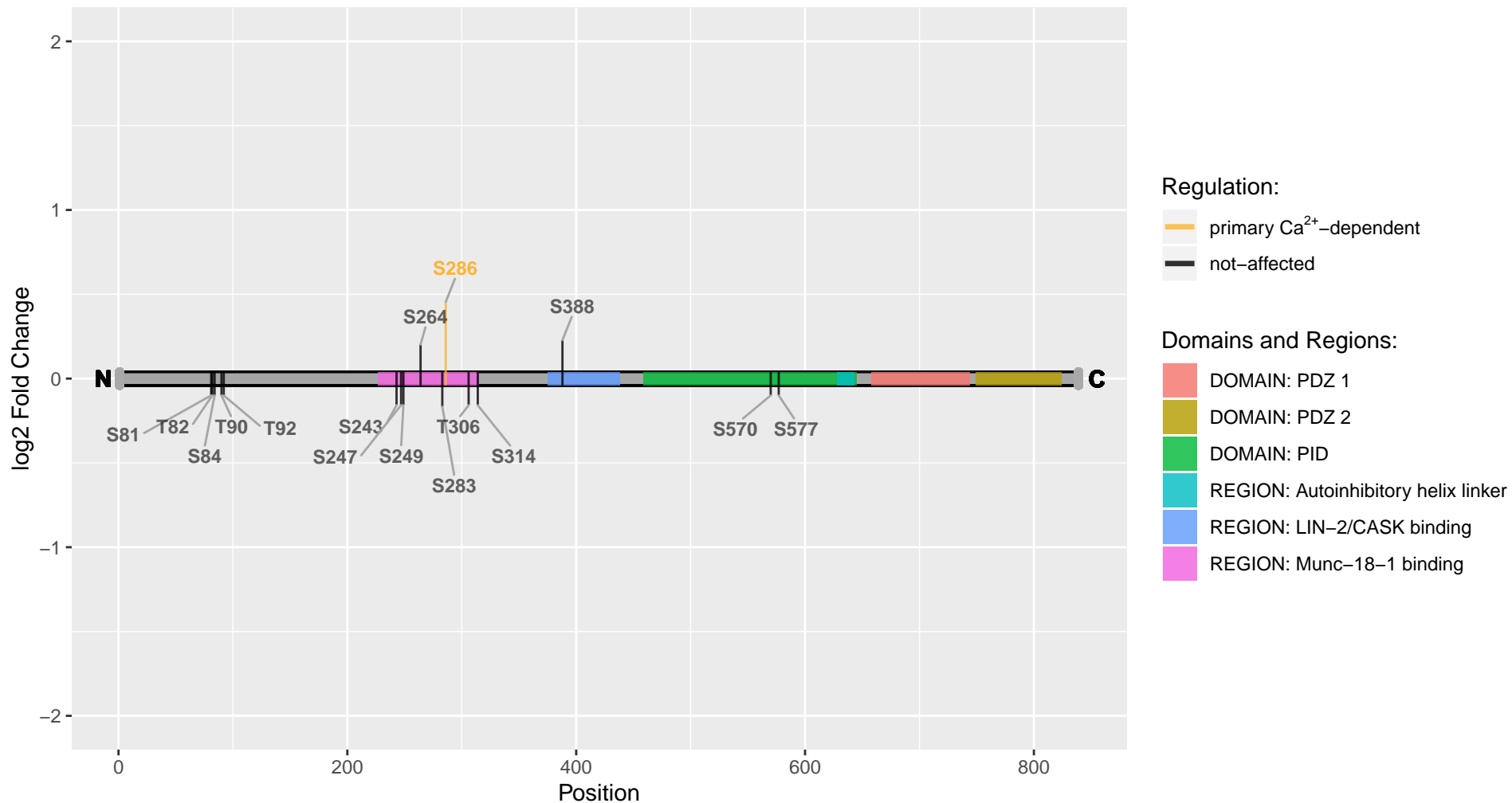
AP-2 complex subunit beta



Apba1

Uniprot Accession: O35430

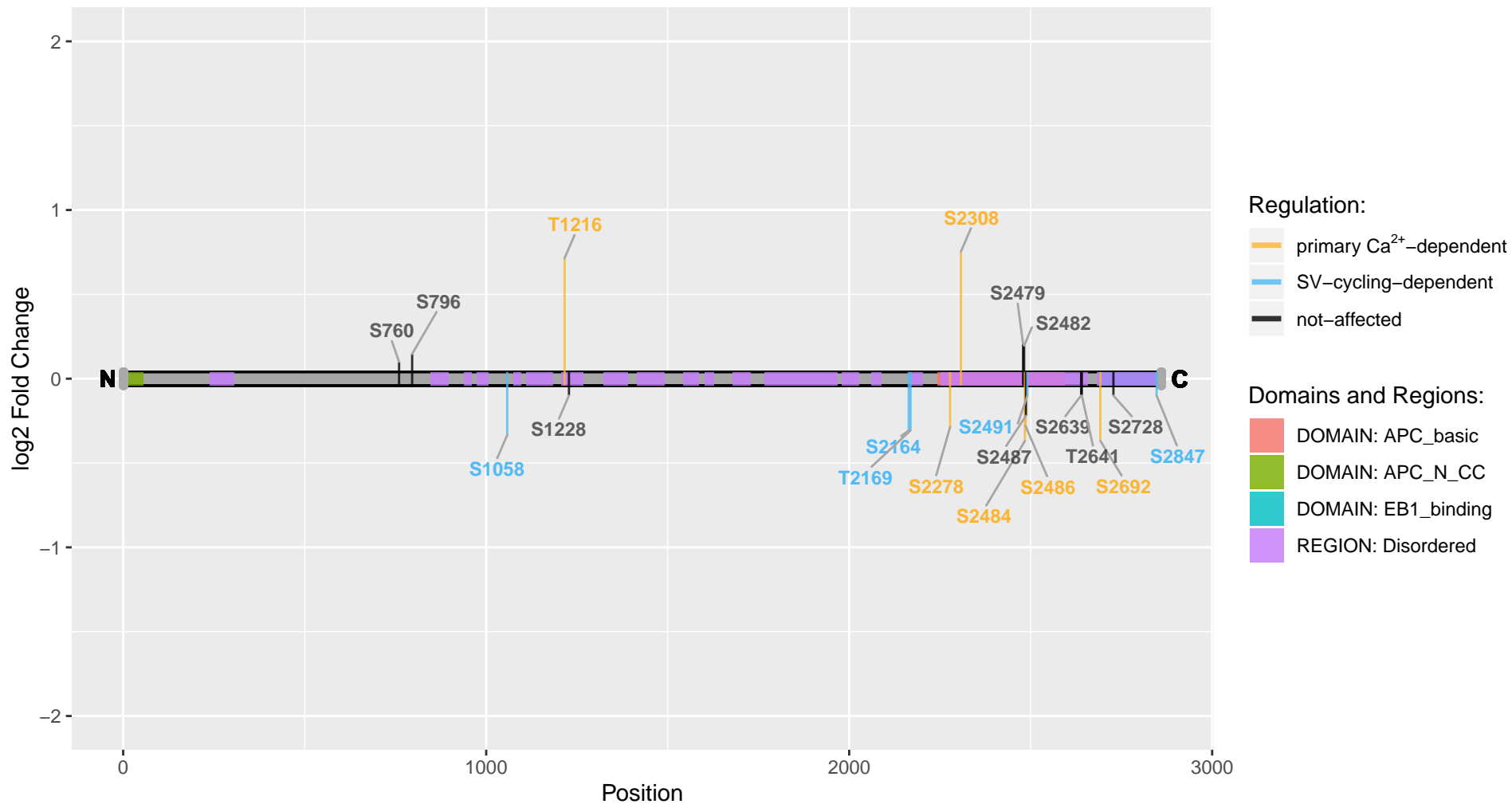
Amyloid-beta A4 precursor protein-binding family A member 1



Apc

Uniprot Accession: A0A0G2K8G0

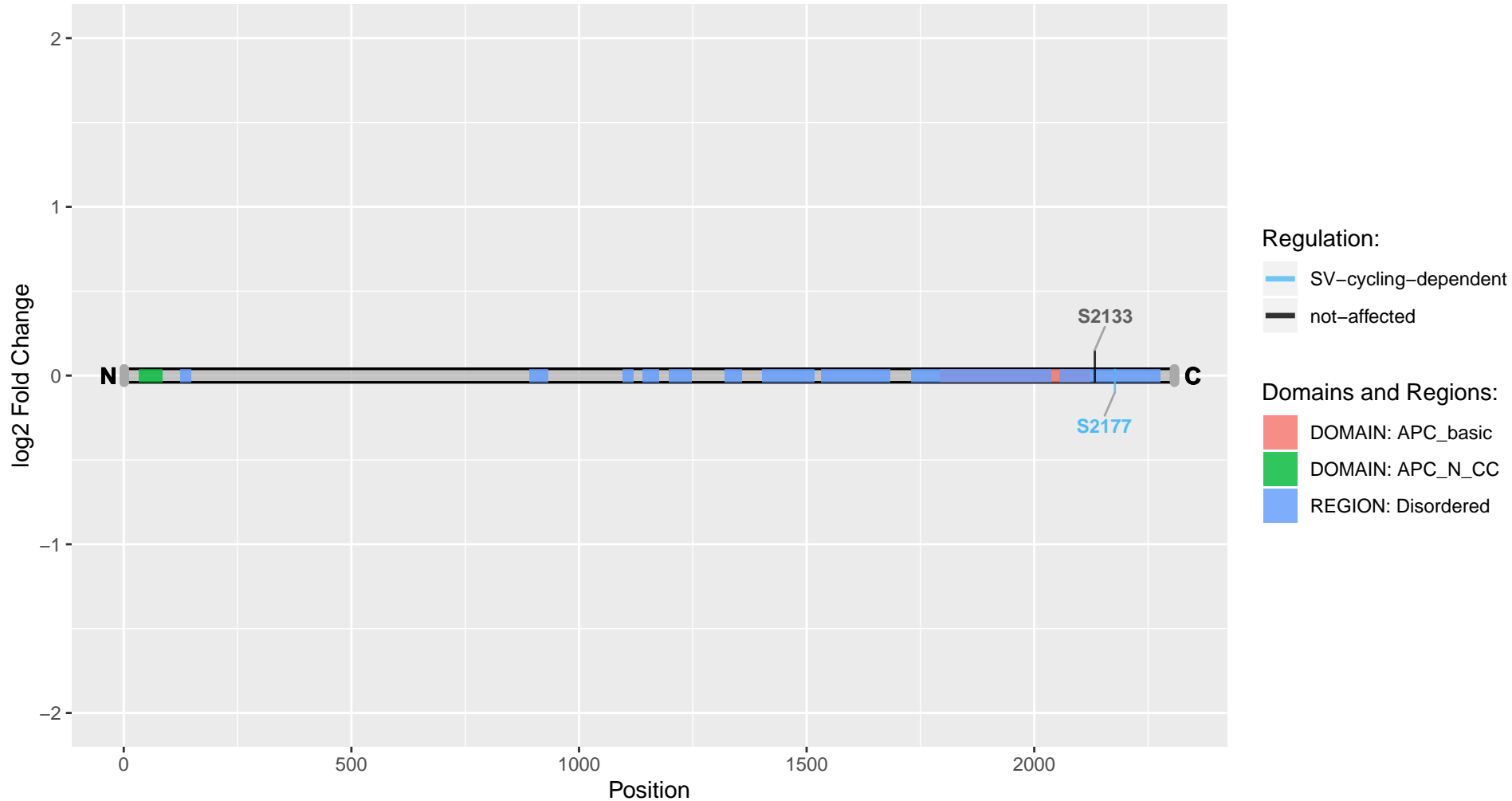
Adenomatous polyposis coli protein



Apc2

Uniprot Accession: A0A0G2JZW4

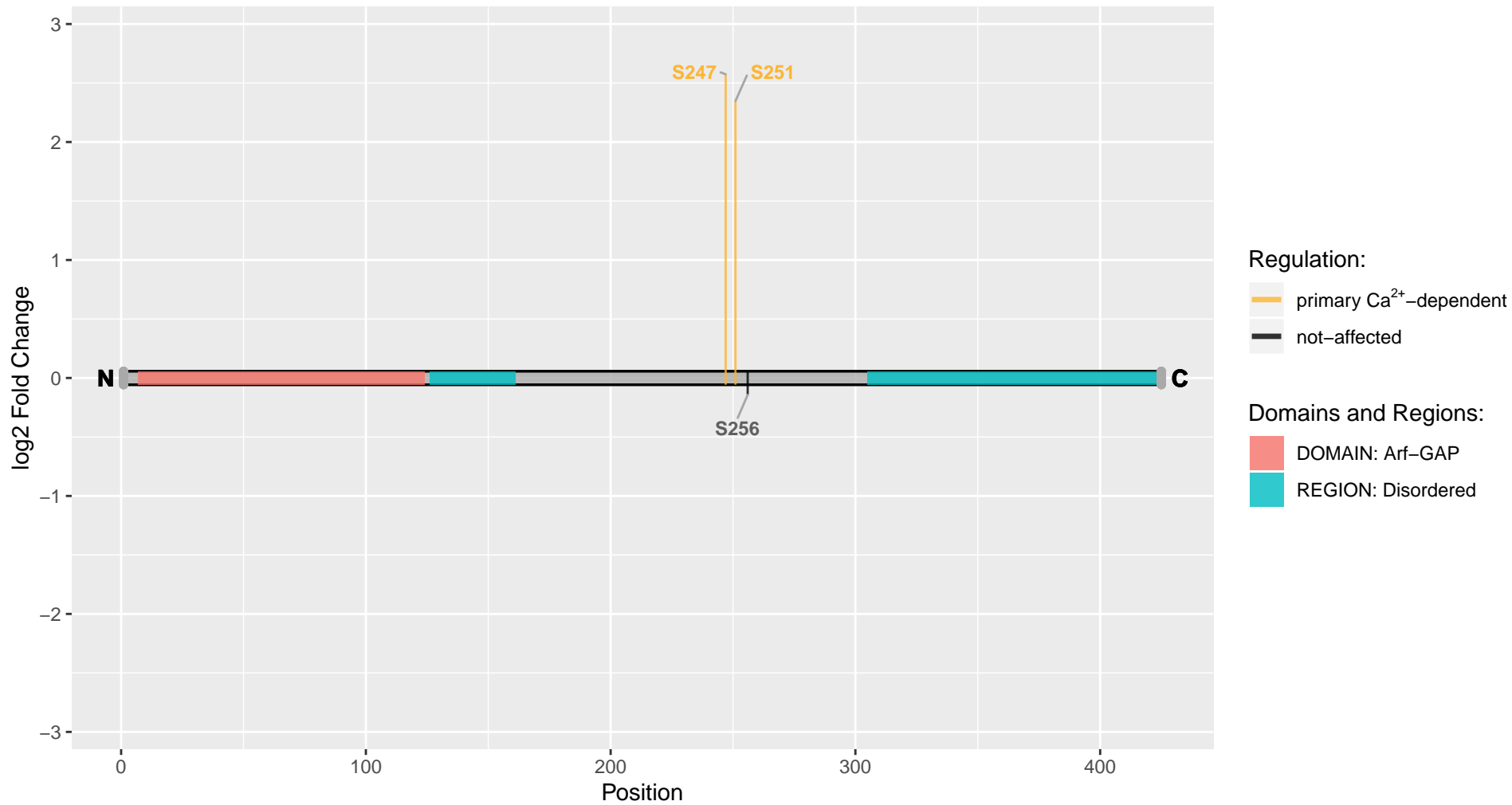
APC2, WNT-signaling pathway regulator



Arfgap1

Uniprot Accession: Q3S4A4

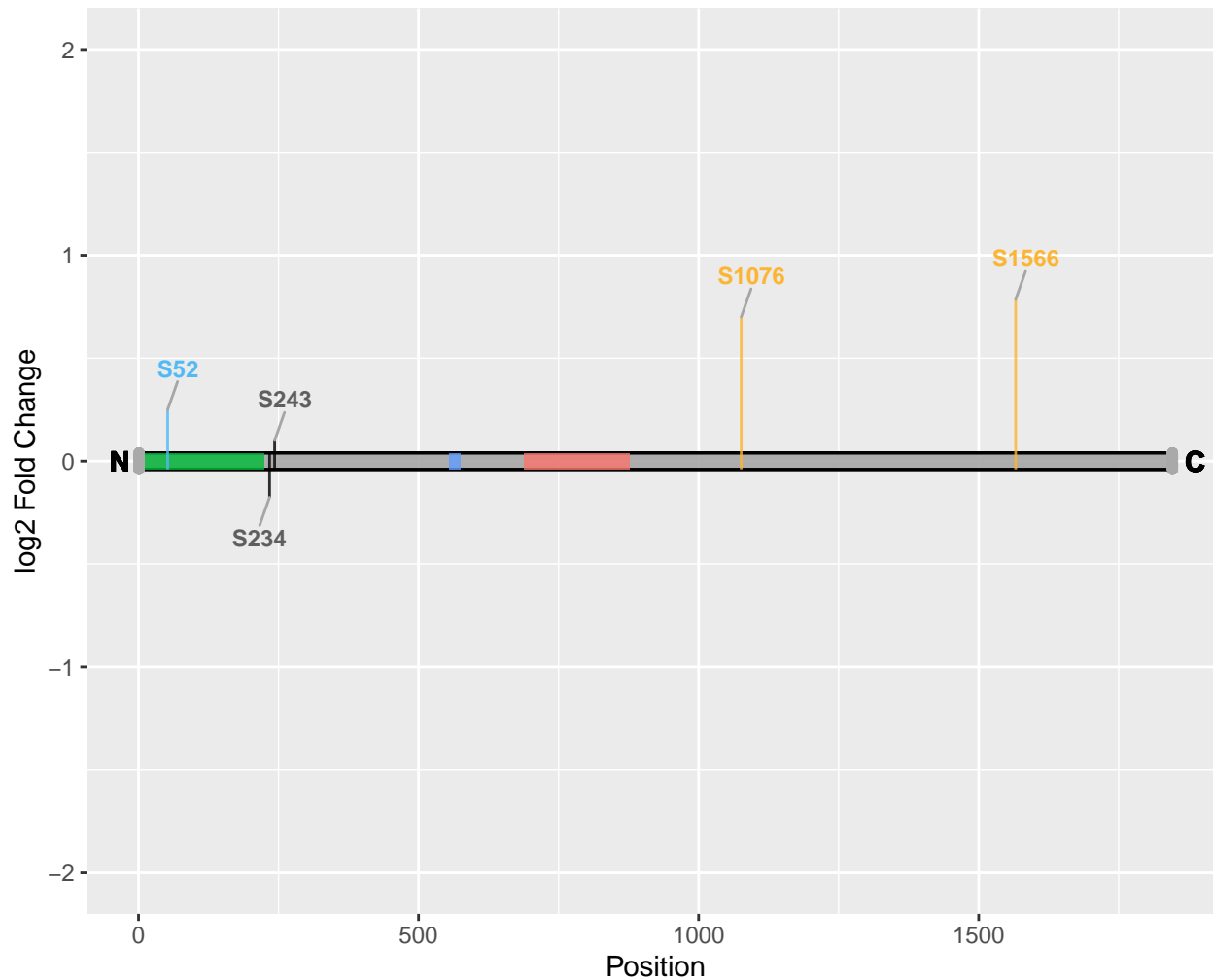
ADP-ribosylation factor GTPase activating protein 1 heart isoform



Arfgef1

Uniprot Accession: D4A631

Brefeldin A-inhibited guanine nucleotide-exchange protein 1



Regulation:

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

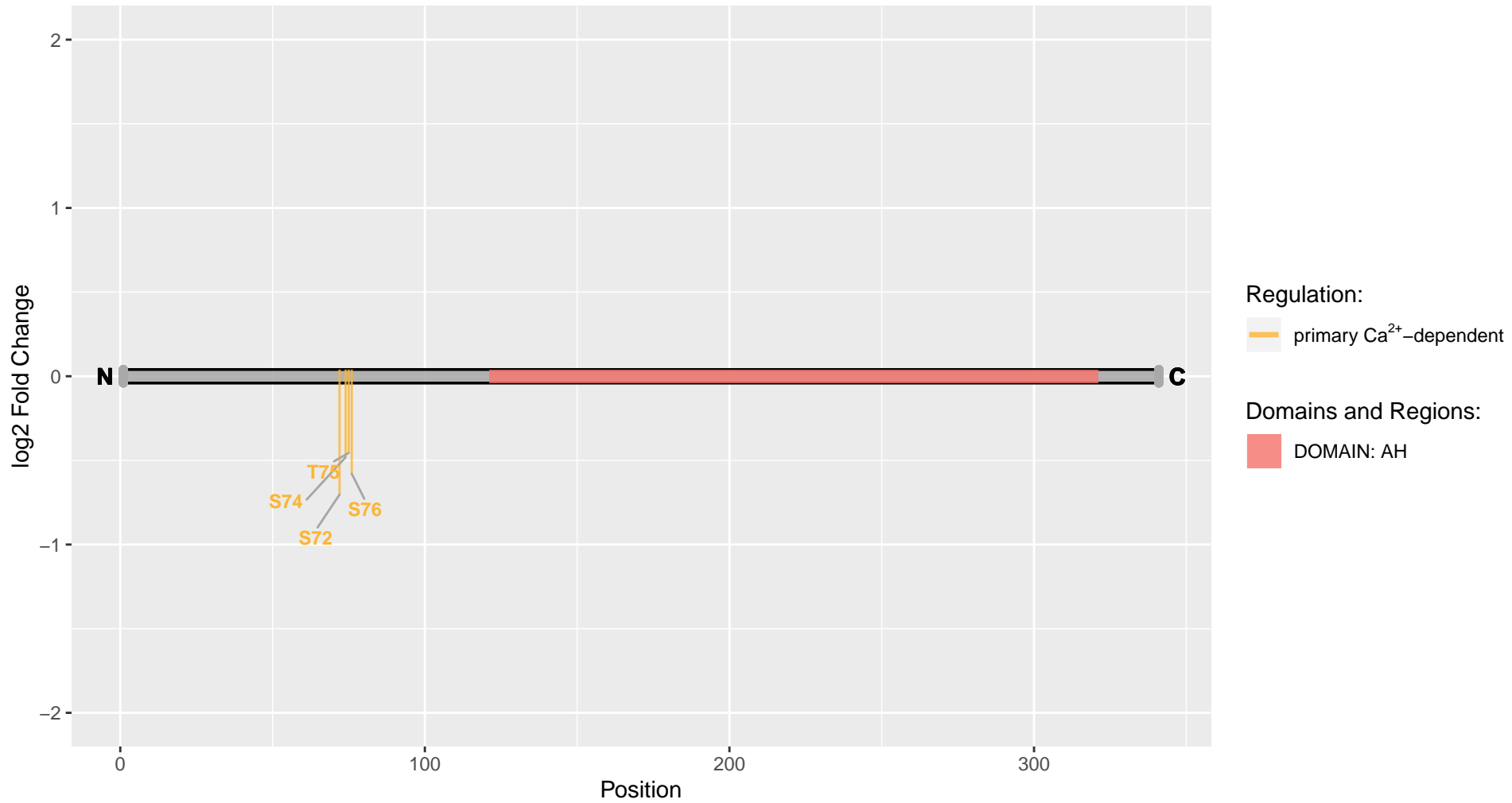
Domains and Regions:

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

Arfip2

Uniprot Accession: Q6AY65

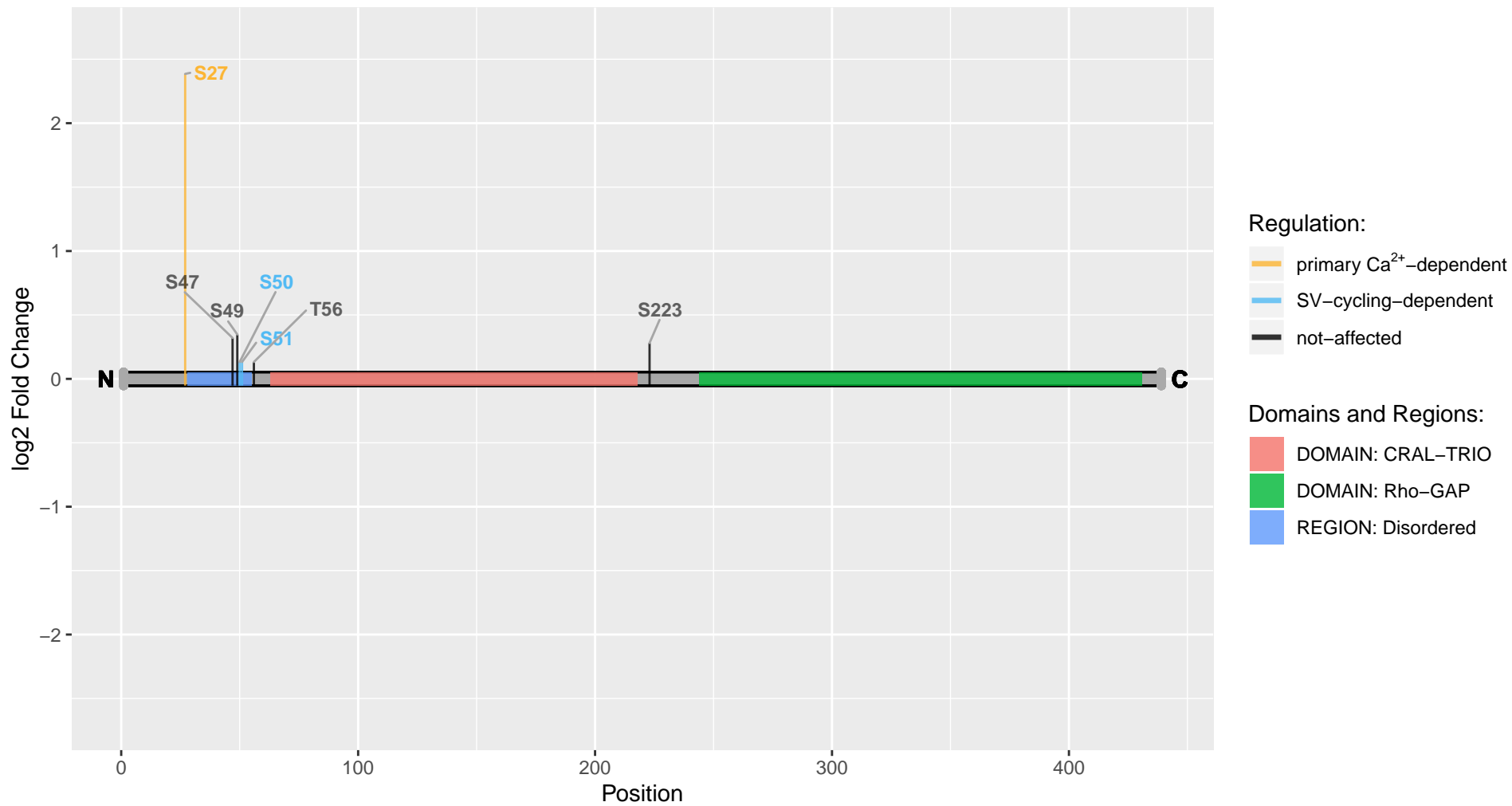
Arfaptin-2



Arhgap1

Uniprot Accession: D4A6C5

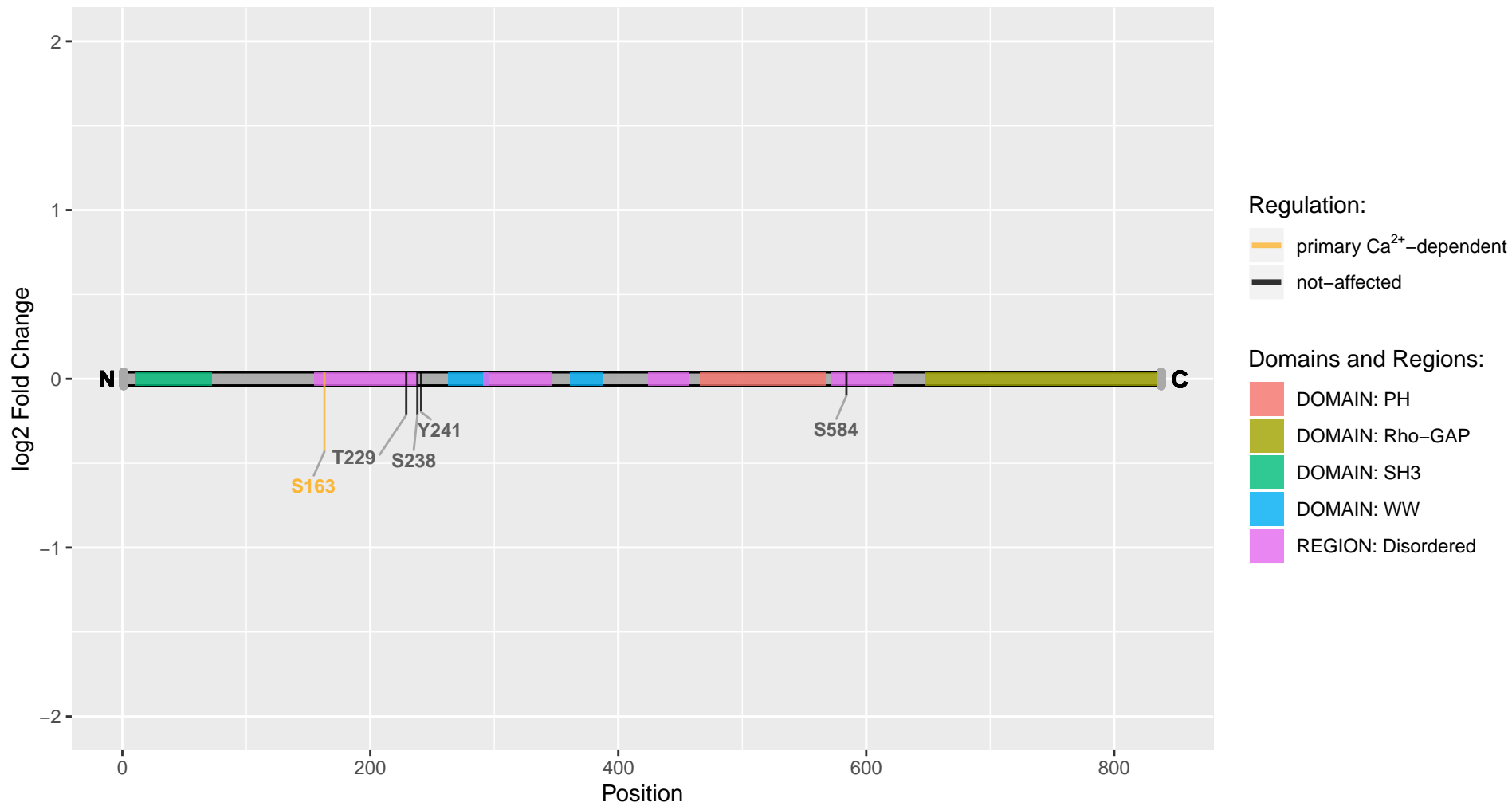
Rho GTPase-activating protein 1



Arhgap12

Uniprot Accession: A0A0G2K1Z2

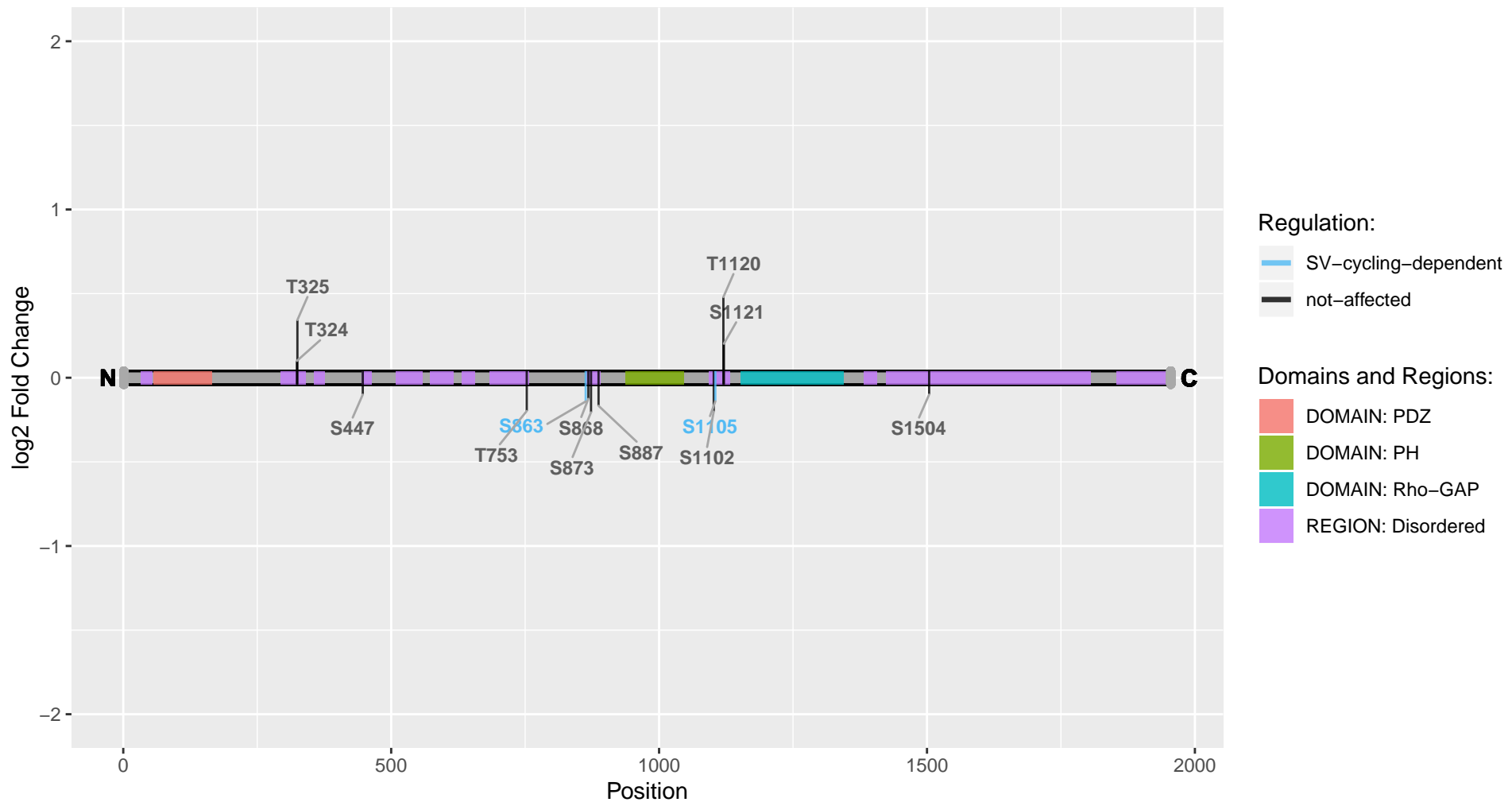
Rho GTPase-activating protein 12



Arhgap21

Uniprot Accession: F1LXQ7

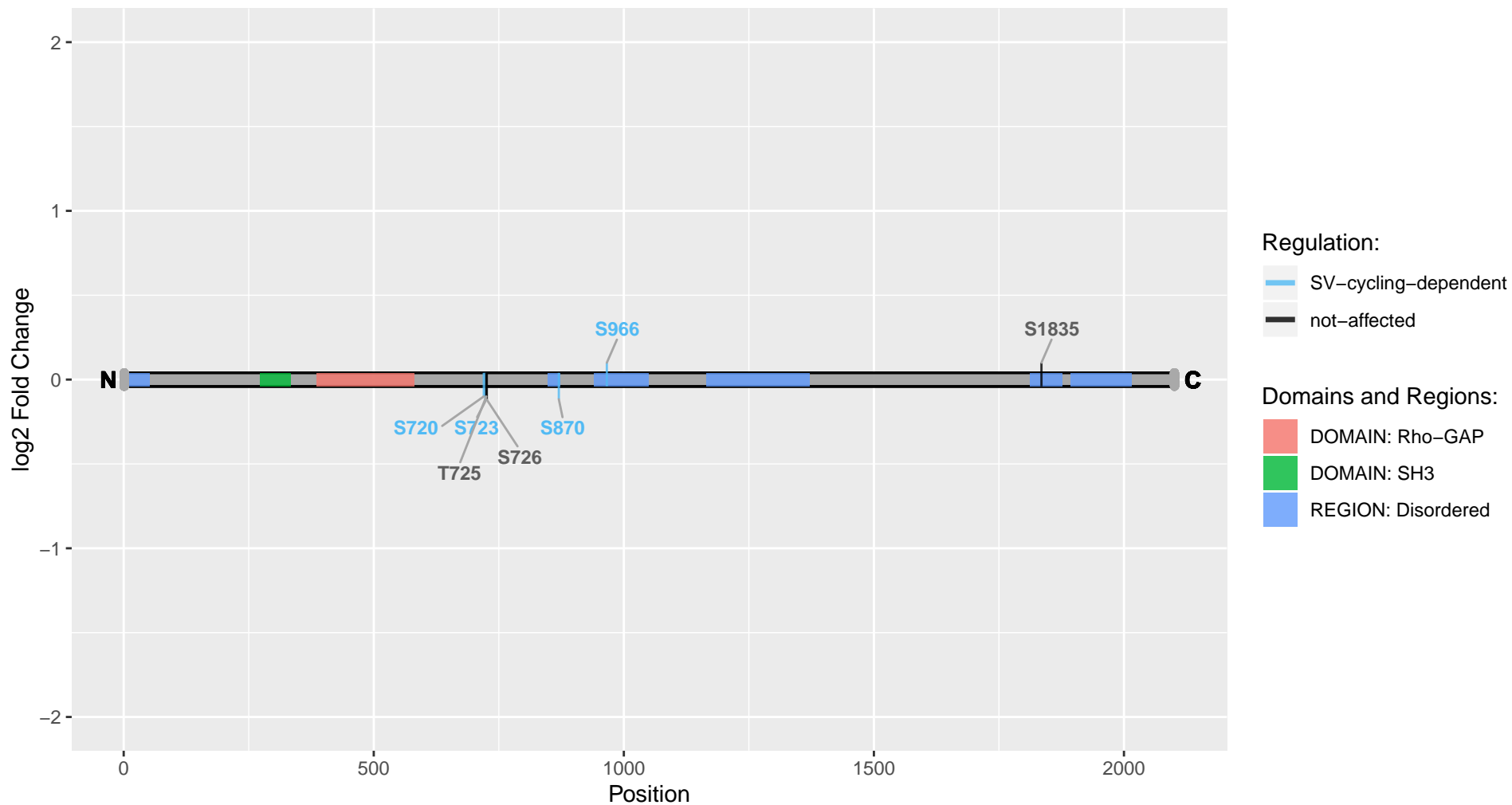
Rho GTPase-activating protein 21



Arhgap32

Uniprot Accession: F1MAK3

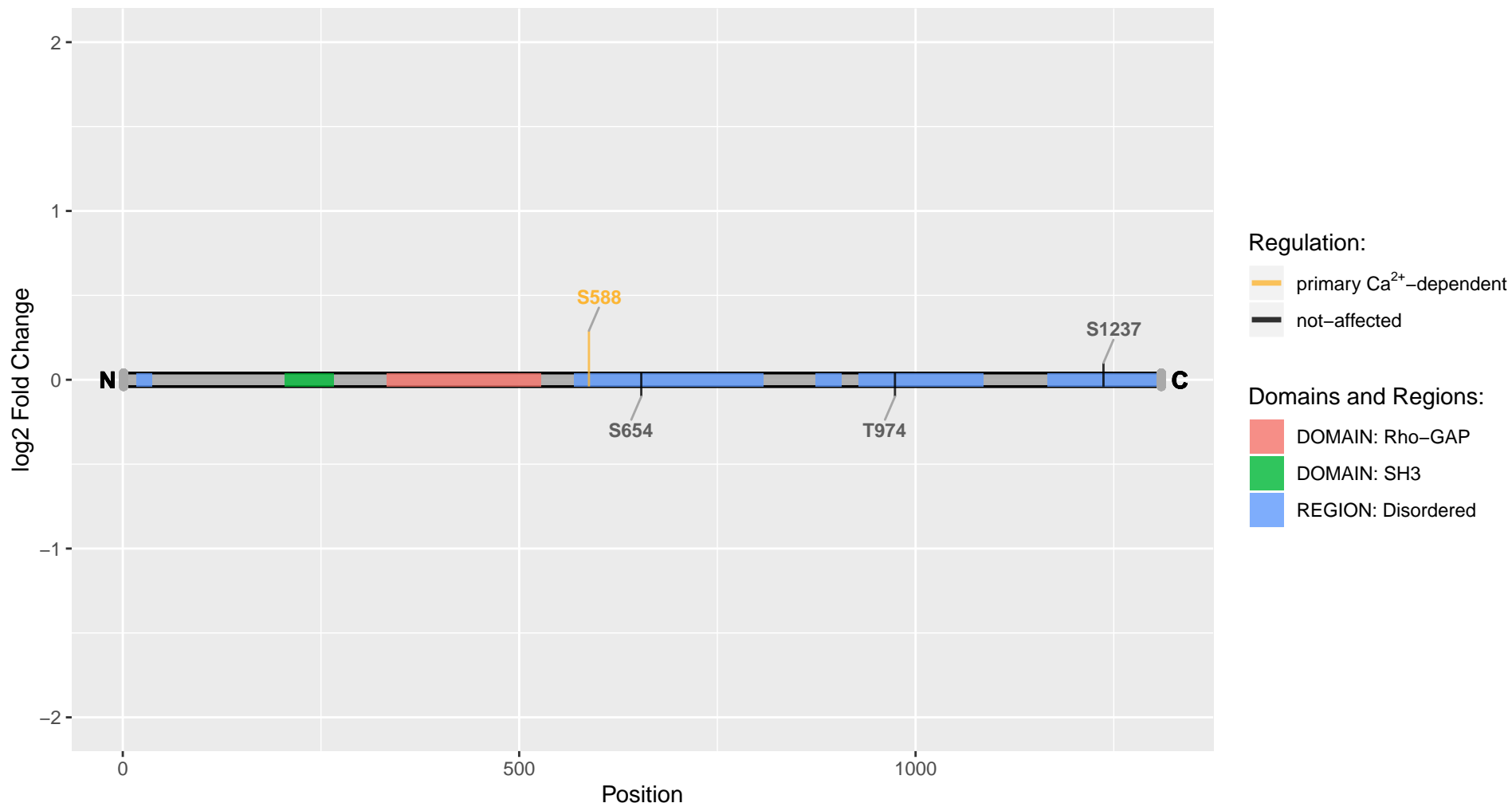
Rho GTPase-activating protein 32



Arhgap33

Uniprot Accession: D4A9G6

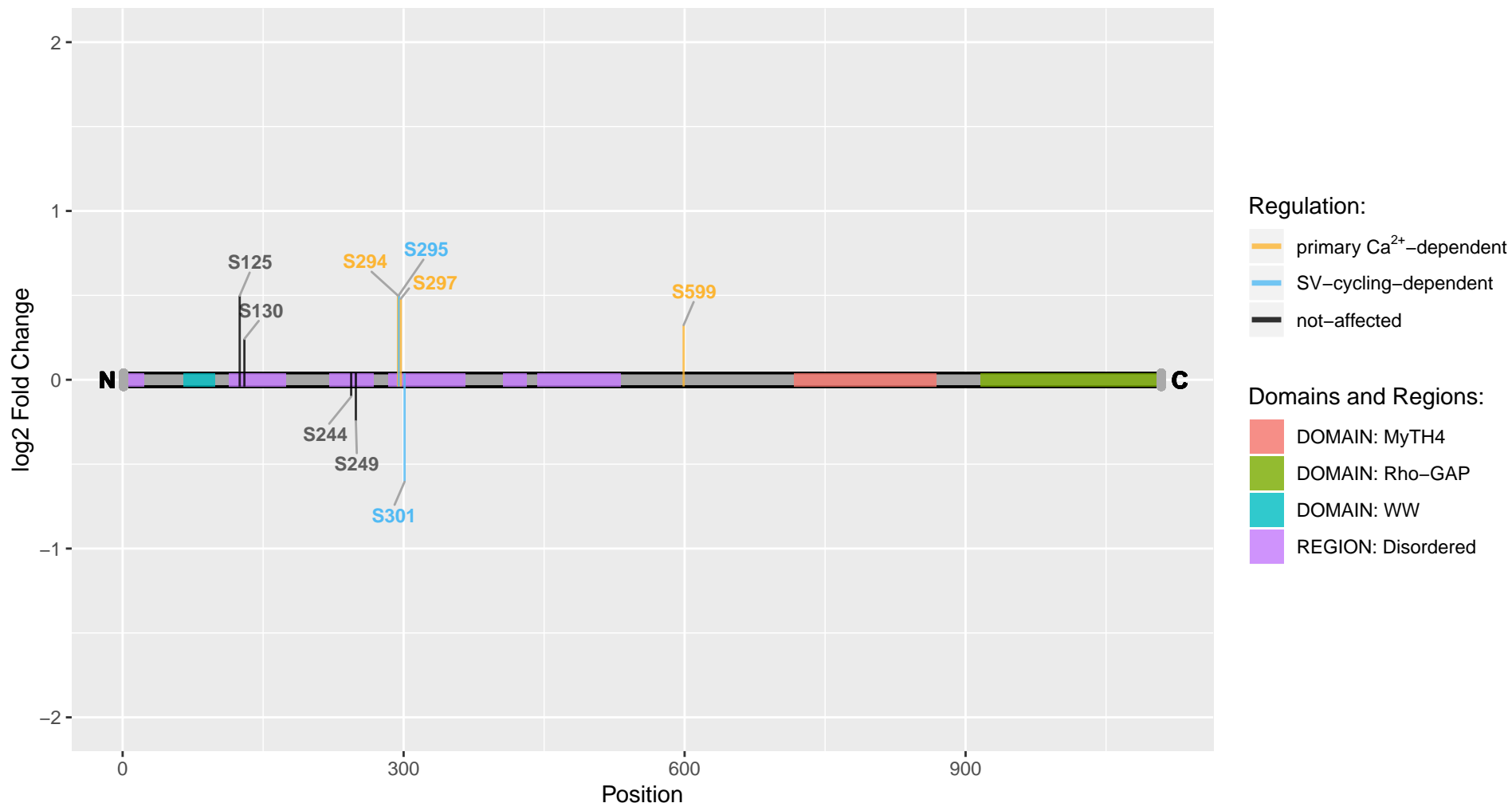
Rho GTPase-activating protein 33



Arhgap39

Uniprot Accession: F1LR18

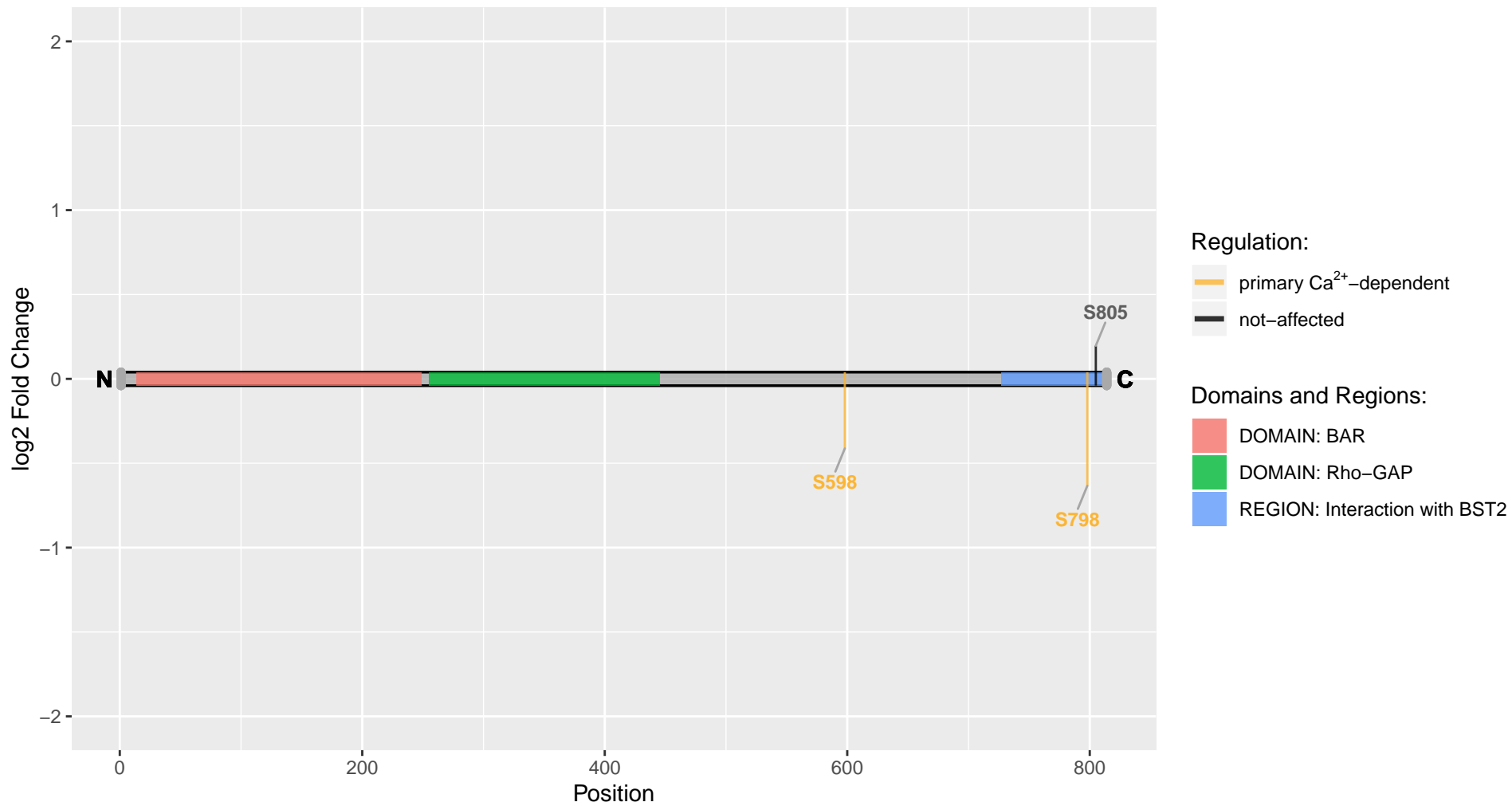
Rho GTPase-activating protein 39



Arhgap44

Uniprot Accession: F1LQX4

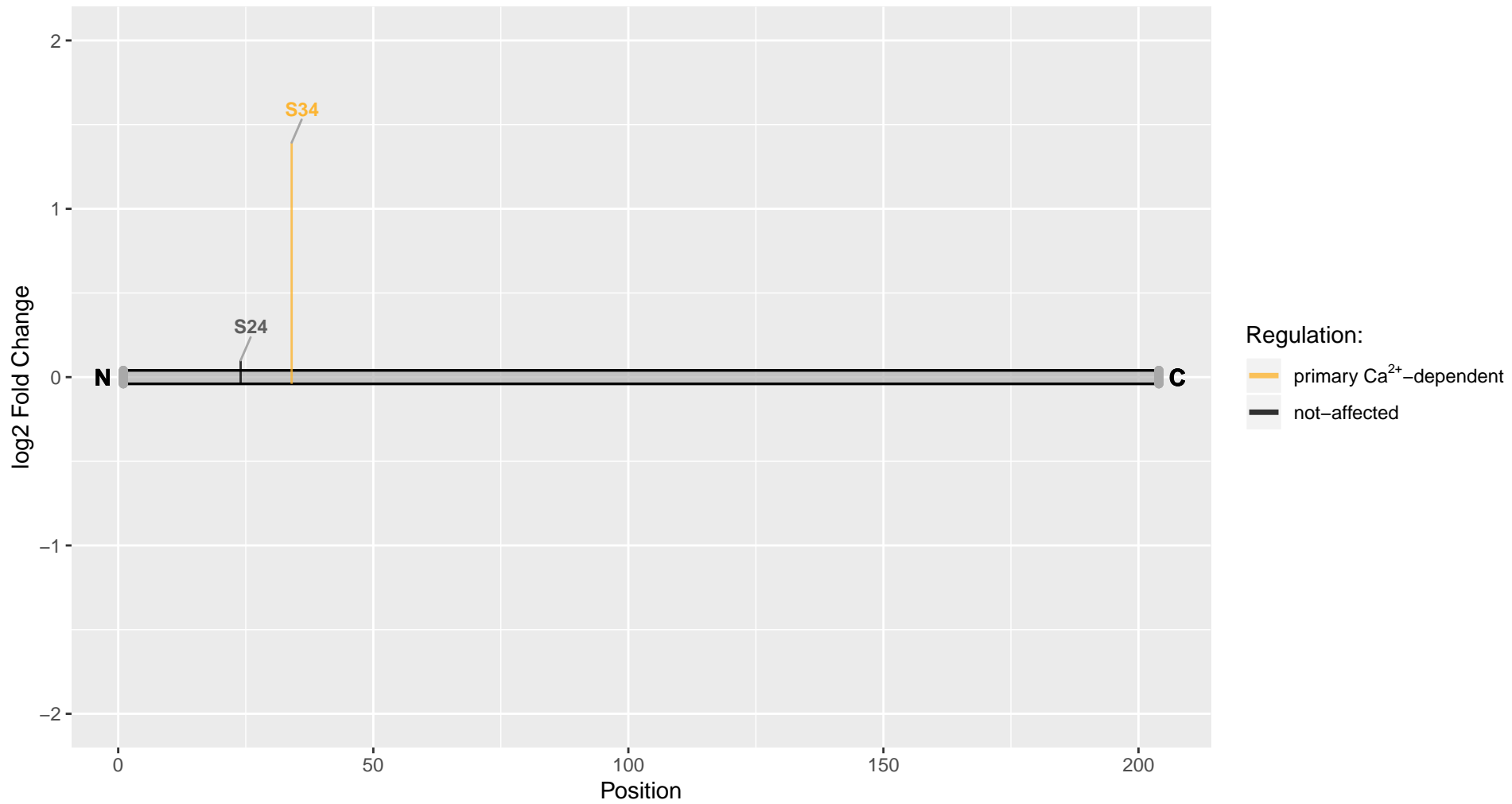
Rho GTPase-activating protein 44



Arhgdia

Uniprot Accession: Q5XI73

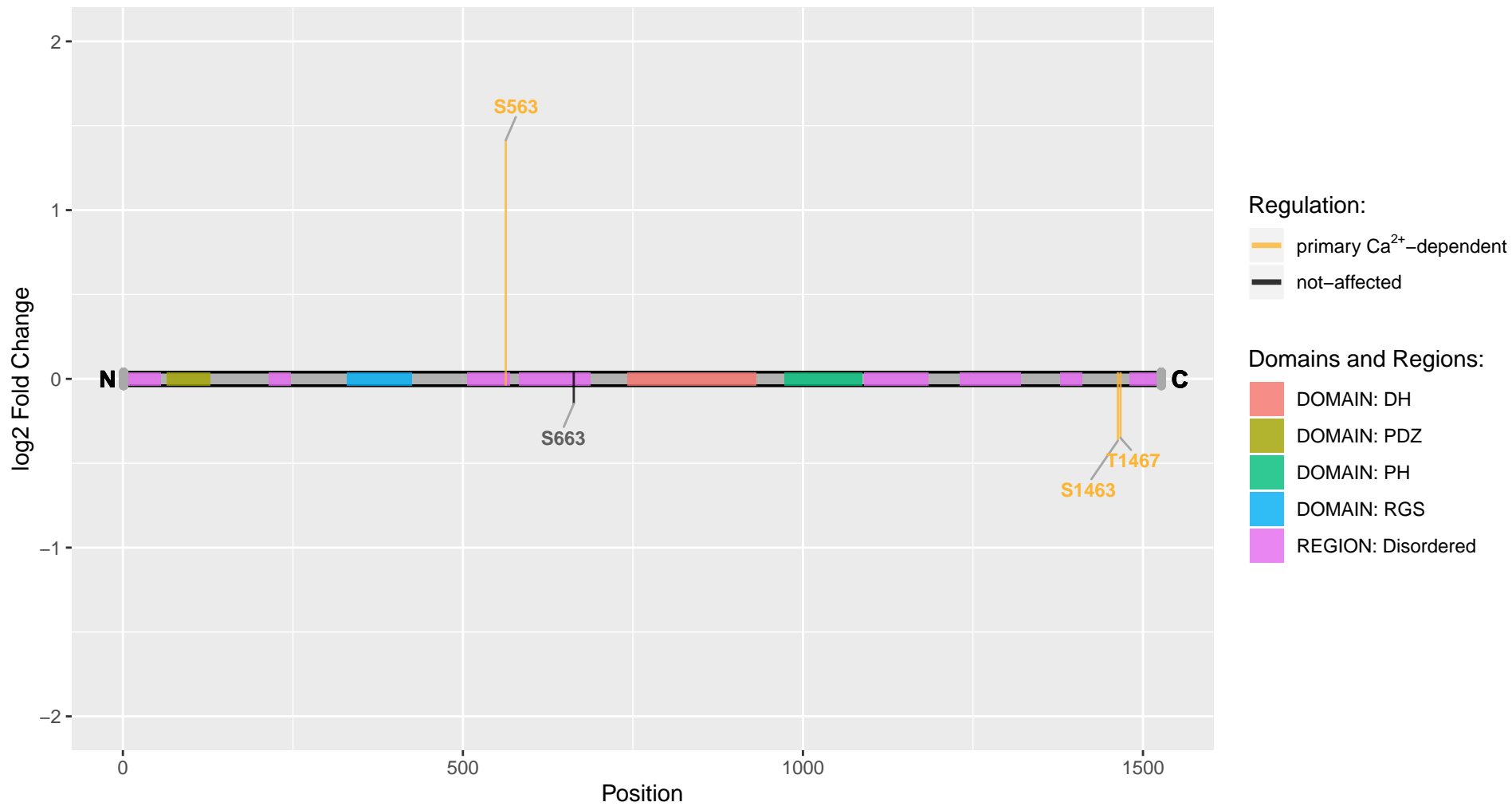
Rho GDP-dissociation inhibitor 1



Arhgef11

Uniprot Accession: F1LQS9

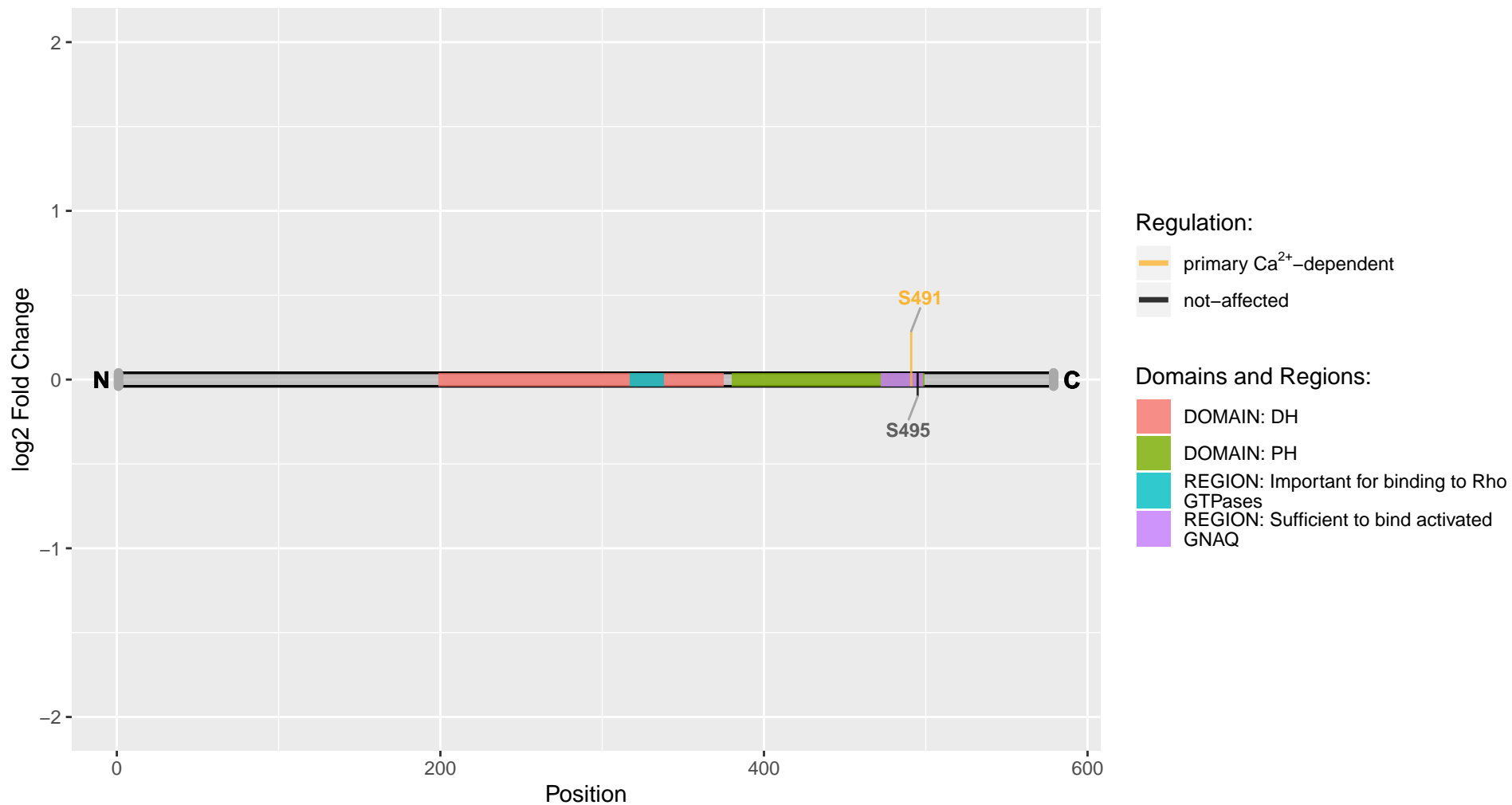
Rho guanine nucleotide exchange factor 11



Arhgef25

Uniprot Accession: Q6P720

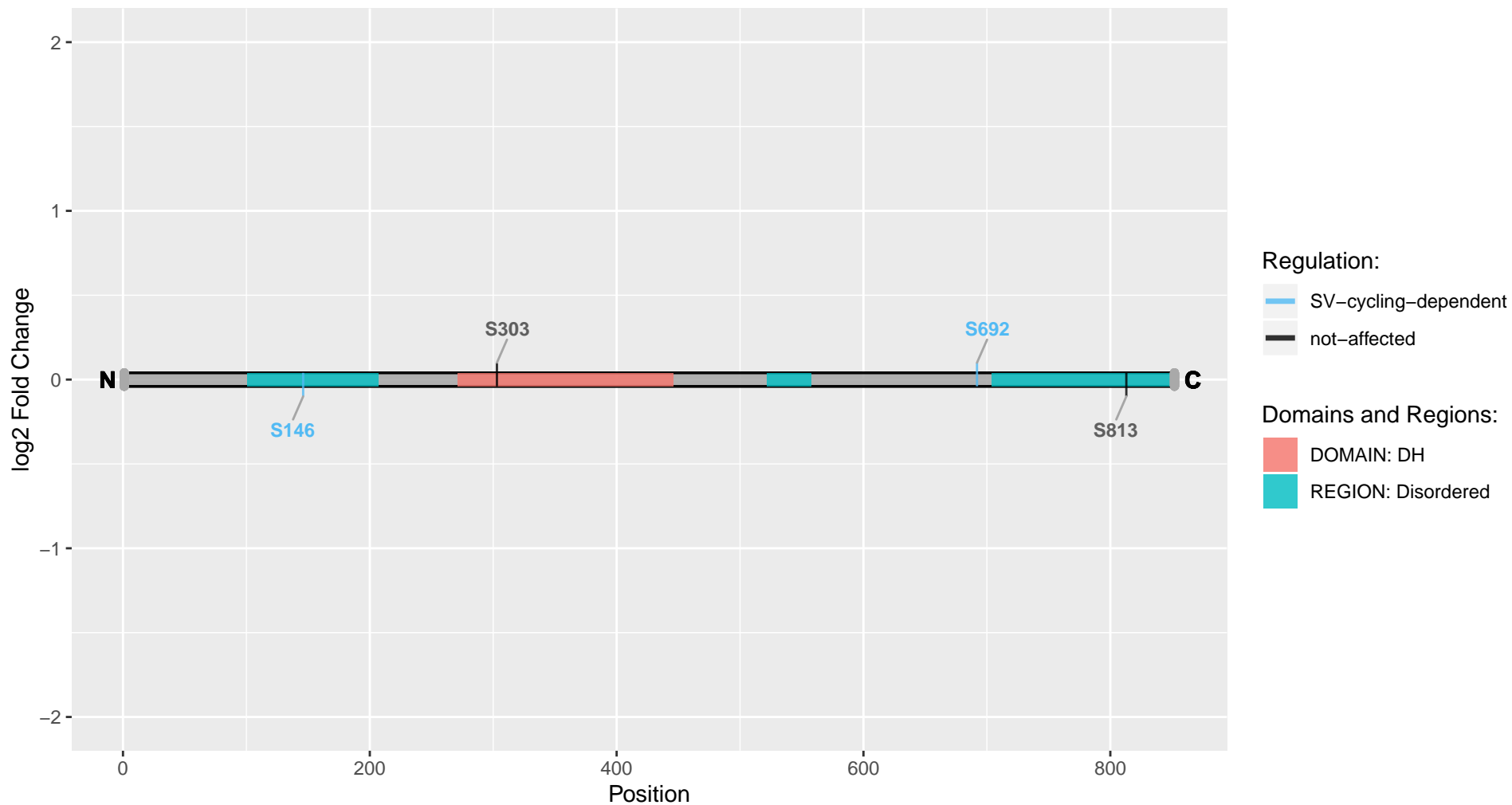
Rho guanine nucleotide exchange factor 25



Arhgef33

Uniprot Accession: D3Z8W6

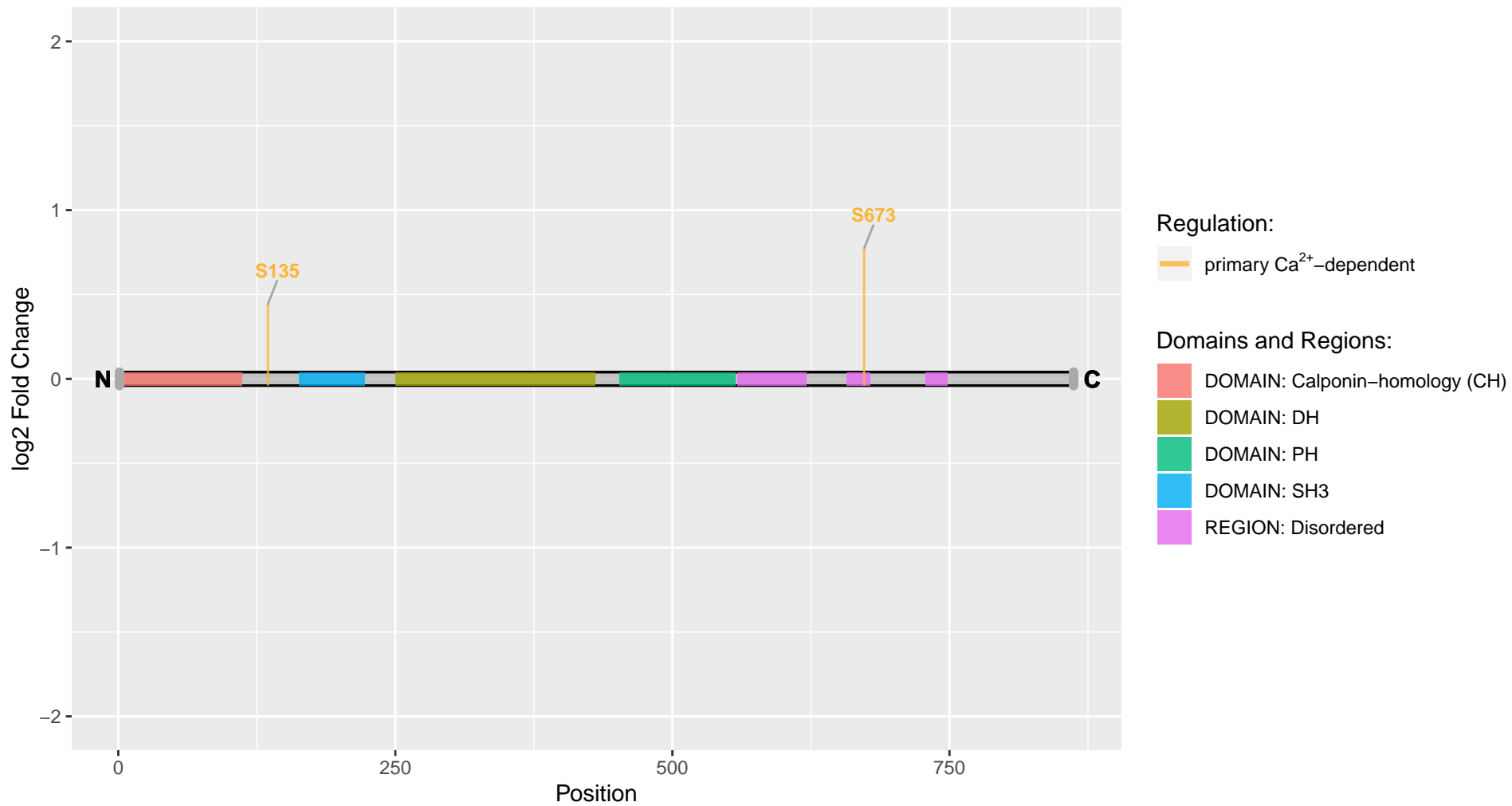
Rho guanine nucleotide exchange factor 33



Arhgef7

Uniprot Accession: A0A0G2QC21

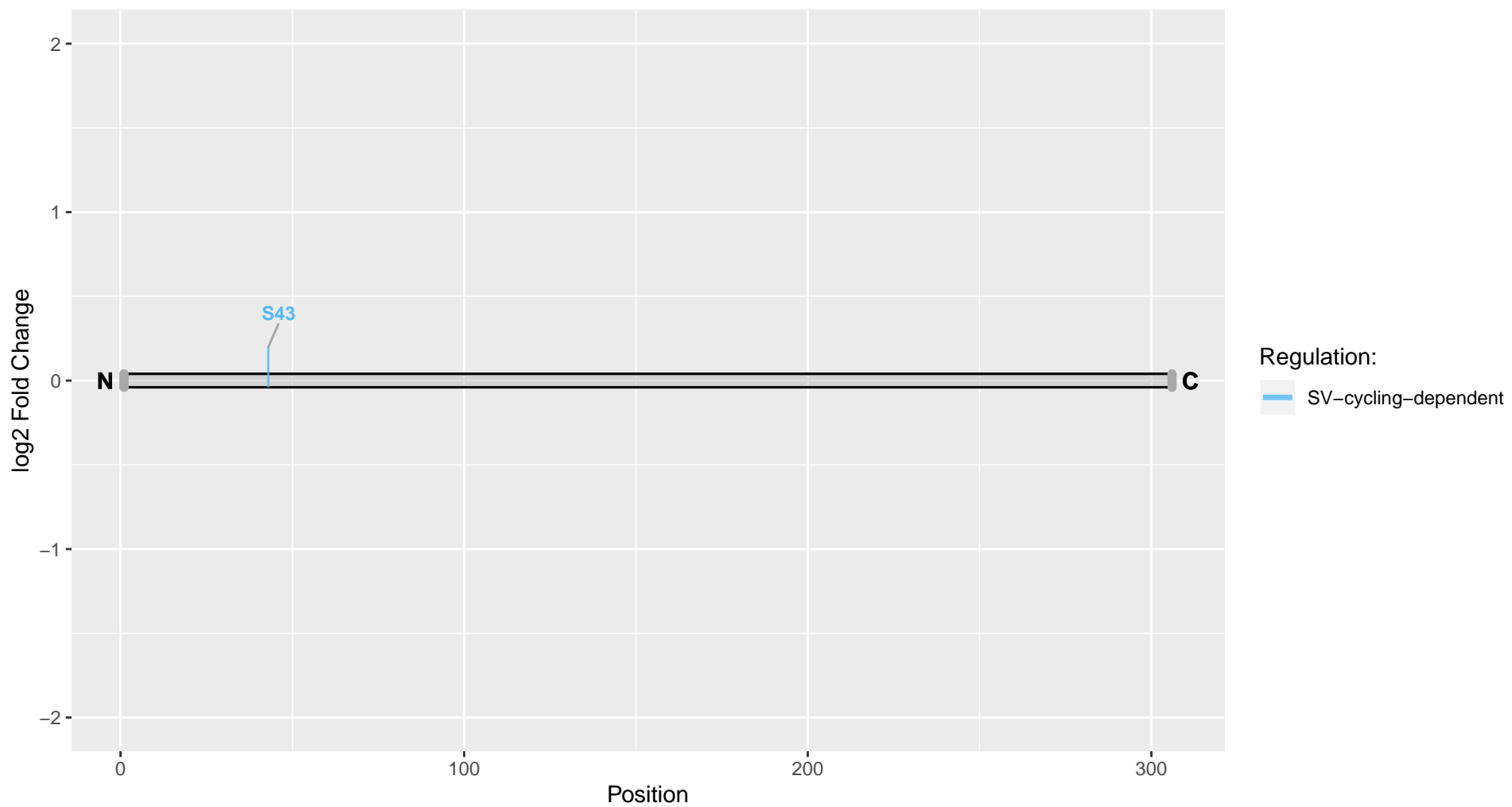
Rho guanine nucleotide exchange factor 7



Armc10

Uniprot Accession: B1WBW4

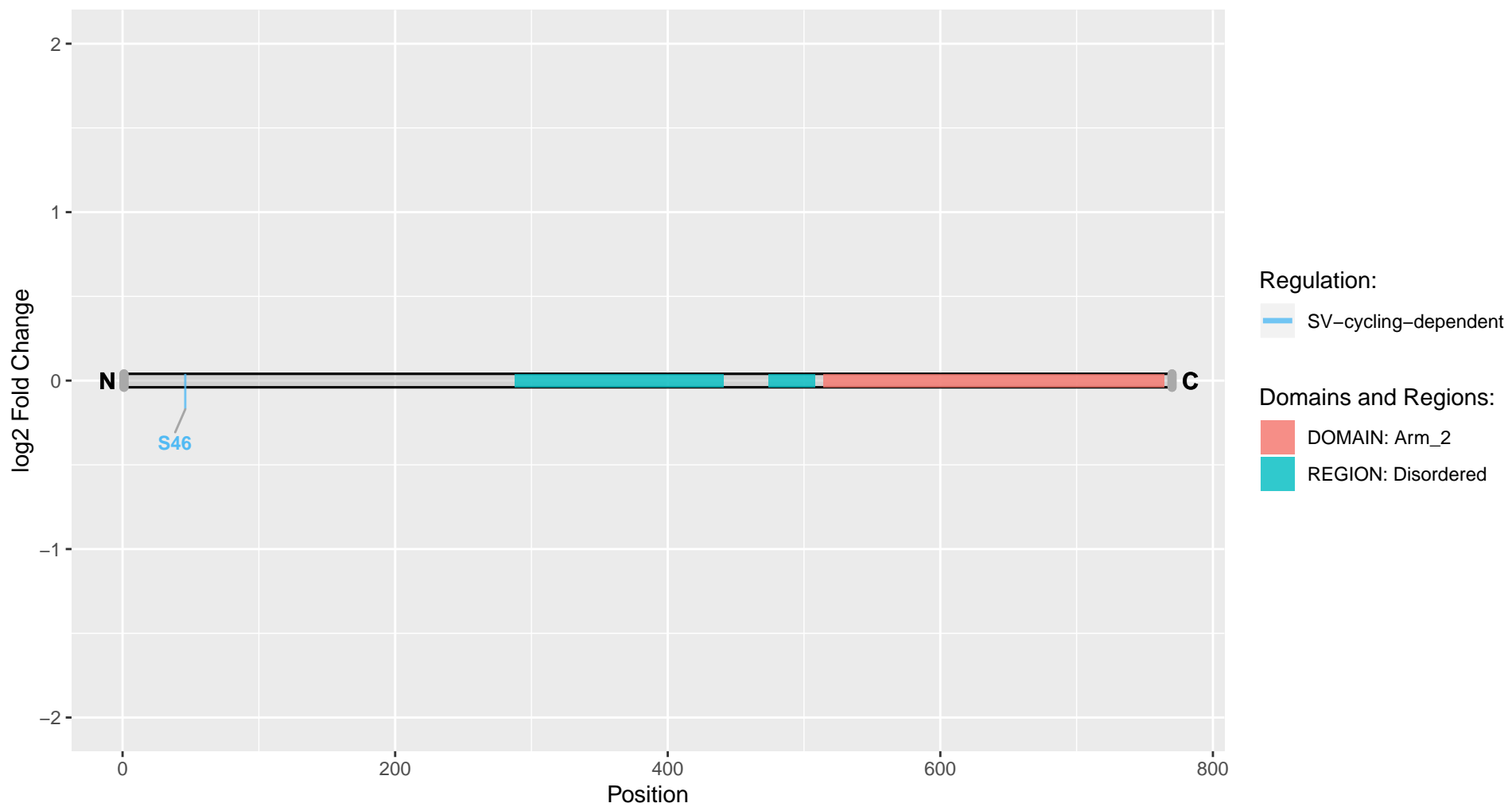
Armadillo repeat-containing protein 10



Armcx2

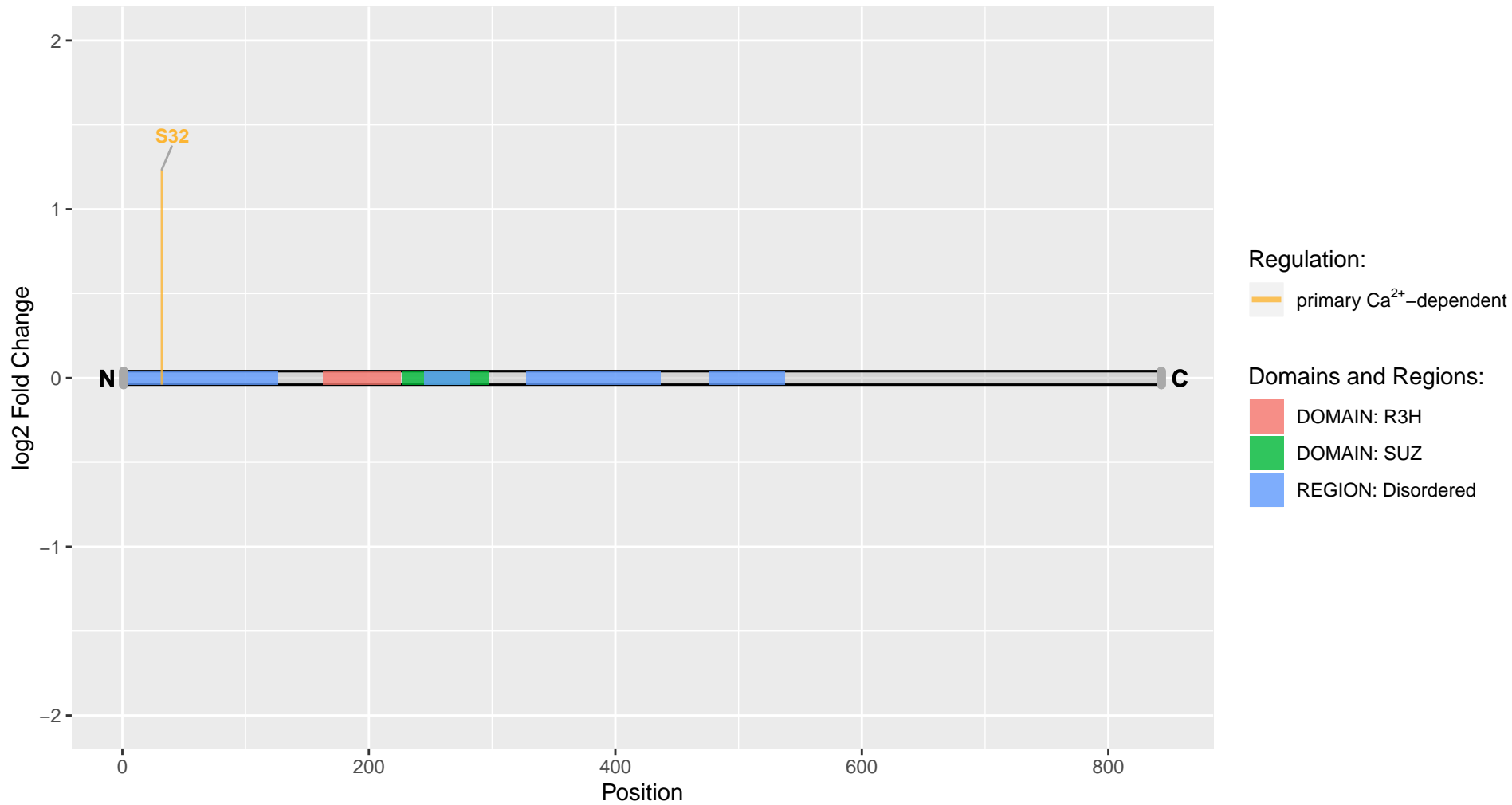
Uniprot Accession: Q642B5

Armadillo repeat-containing, X-linked 2



Arpp21

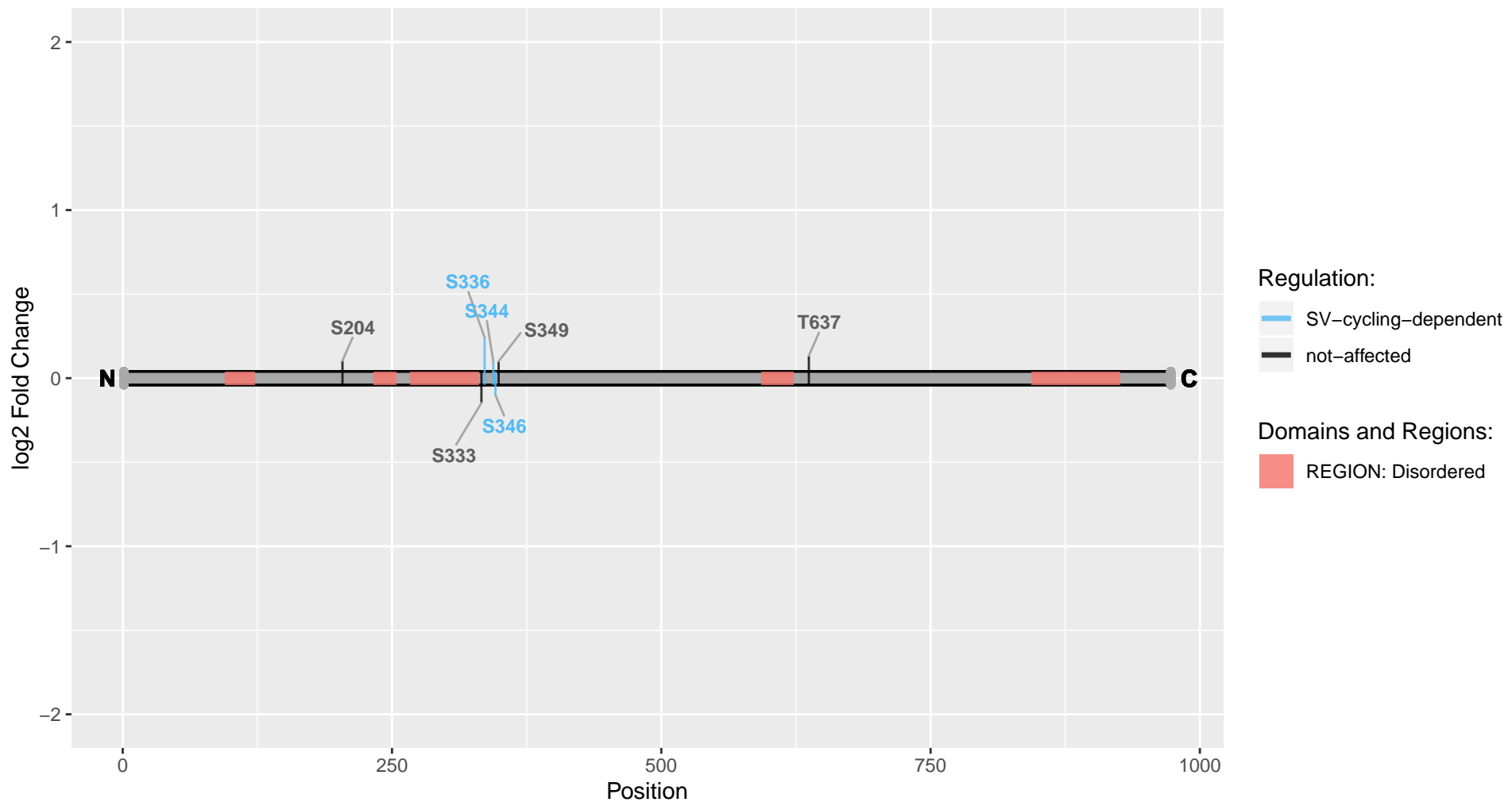
Uniprot Accession: A0A0G2JVX9
cAMP-regulated phosphoprotein 21



Arvcf

Uniprot Accession: B4F7F3

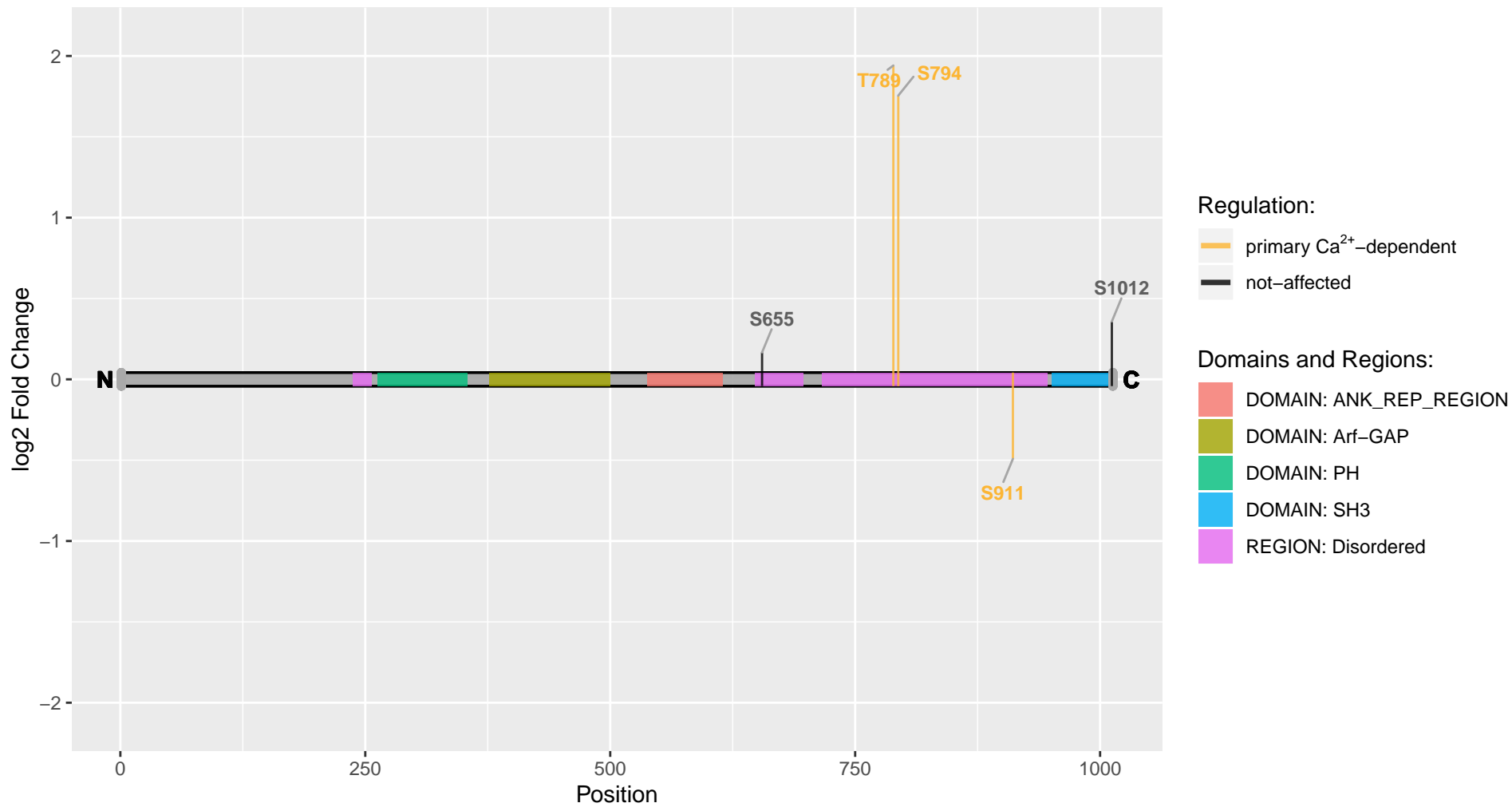
ARVCF, delta catenin family member



Asap1

Uniprot Accession: A0A0G2JZQ0

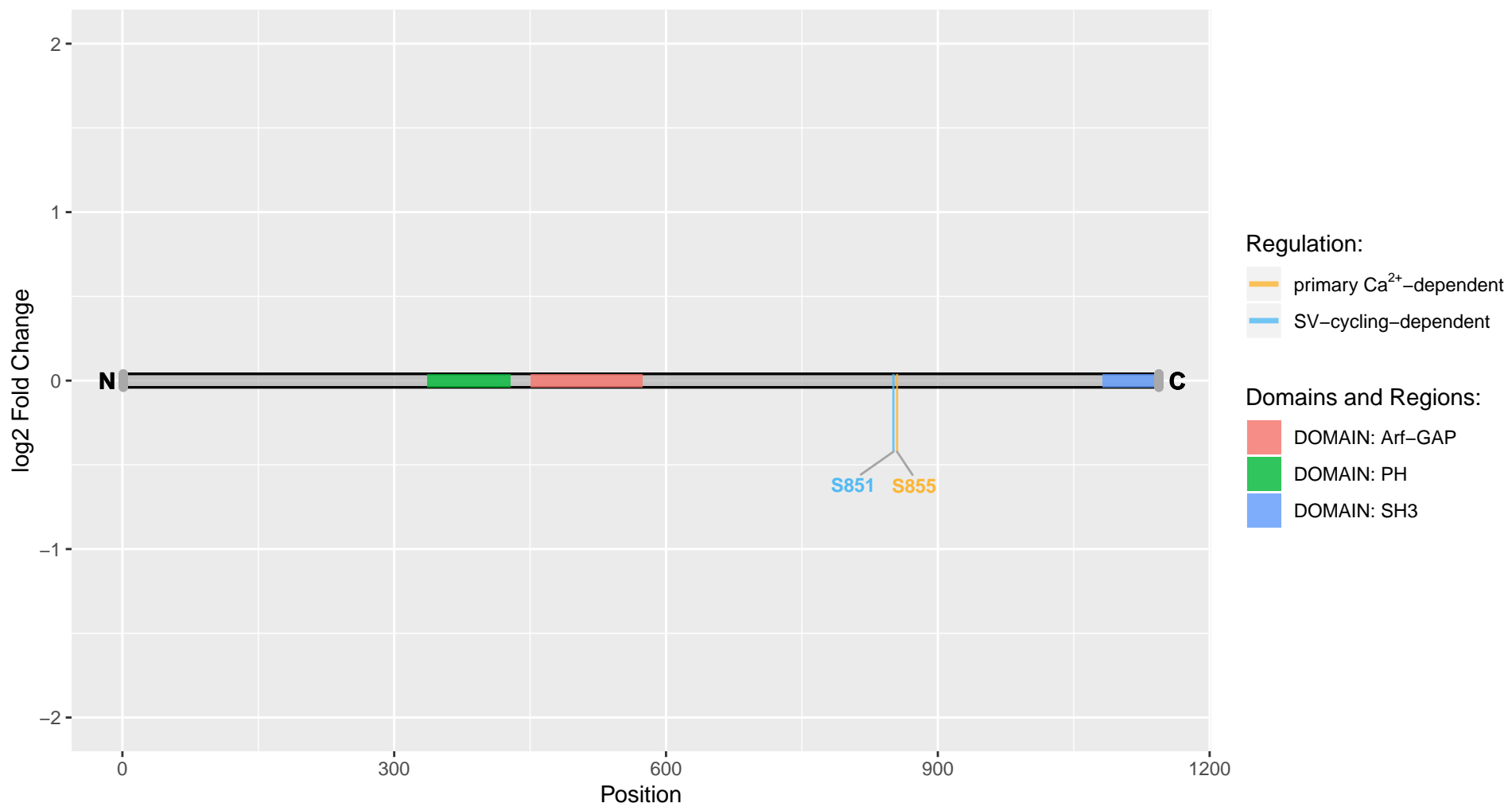
Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1



Asap1

Uniprot Accession: Q1AAU6

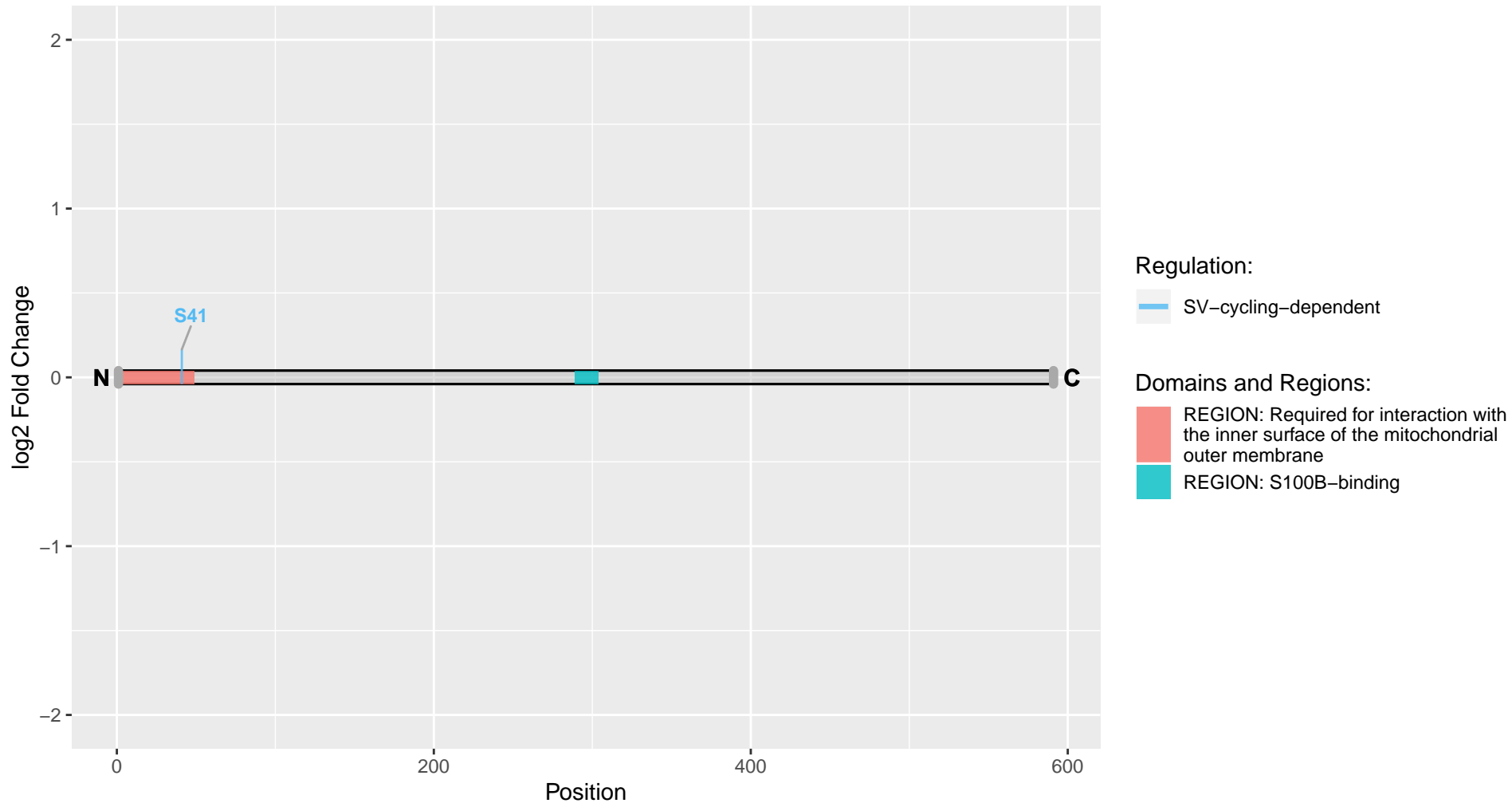
Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1



Atad3

Uniprot Accession: Q3KRE0

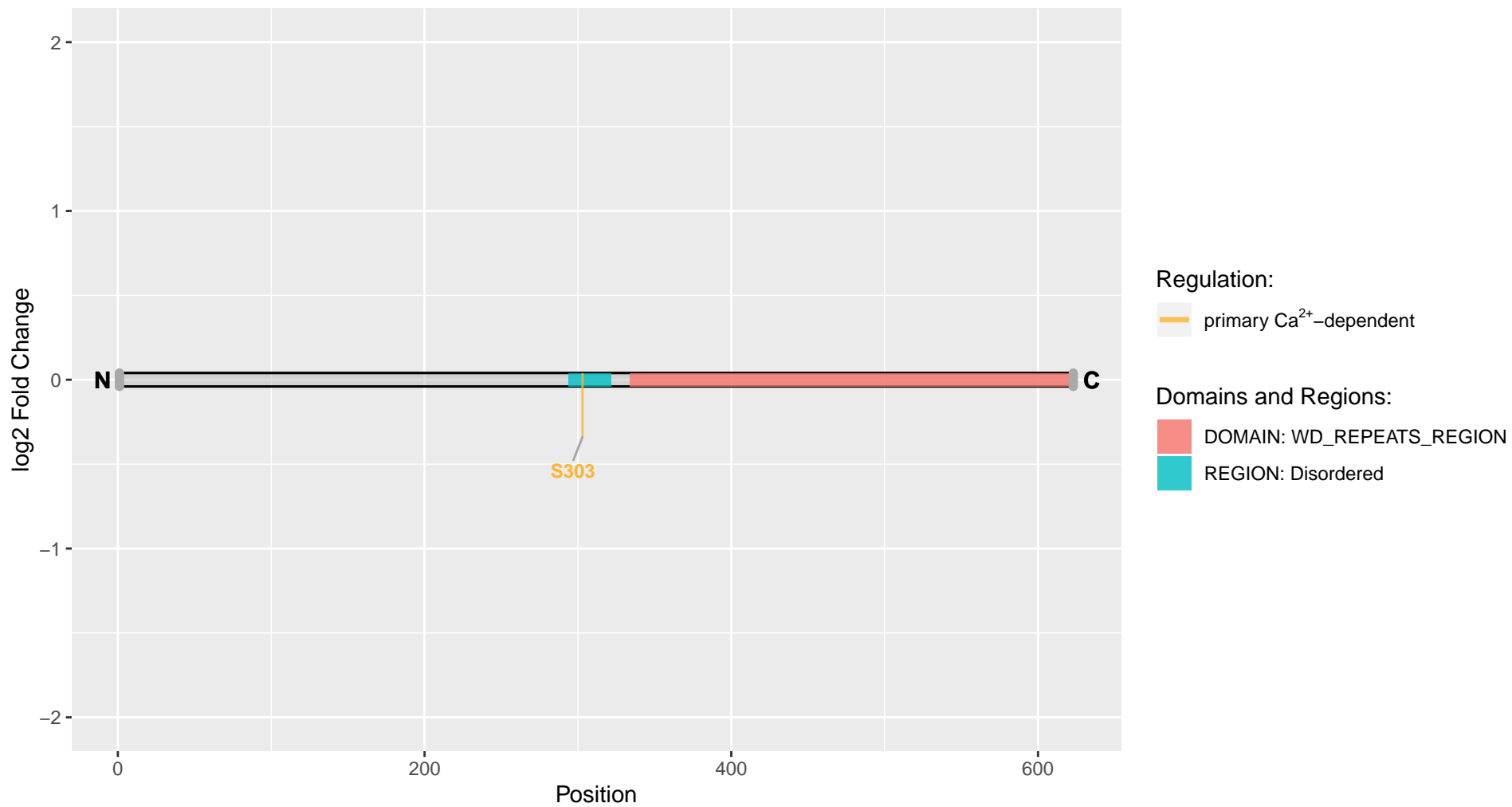
ATPase family AAA domain-containing protein 3



Atg16l1

Uniprot Accession: A0A0G2K9U6

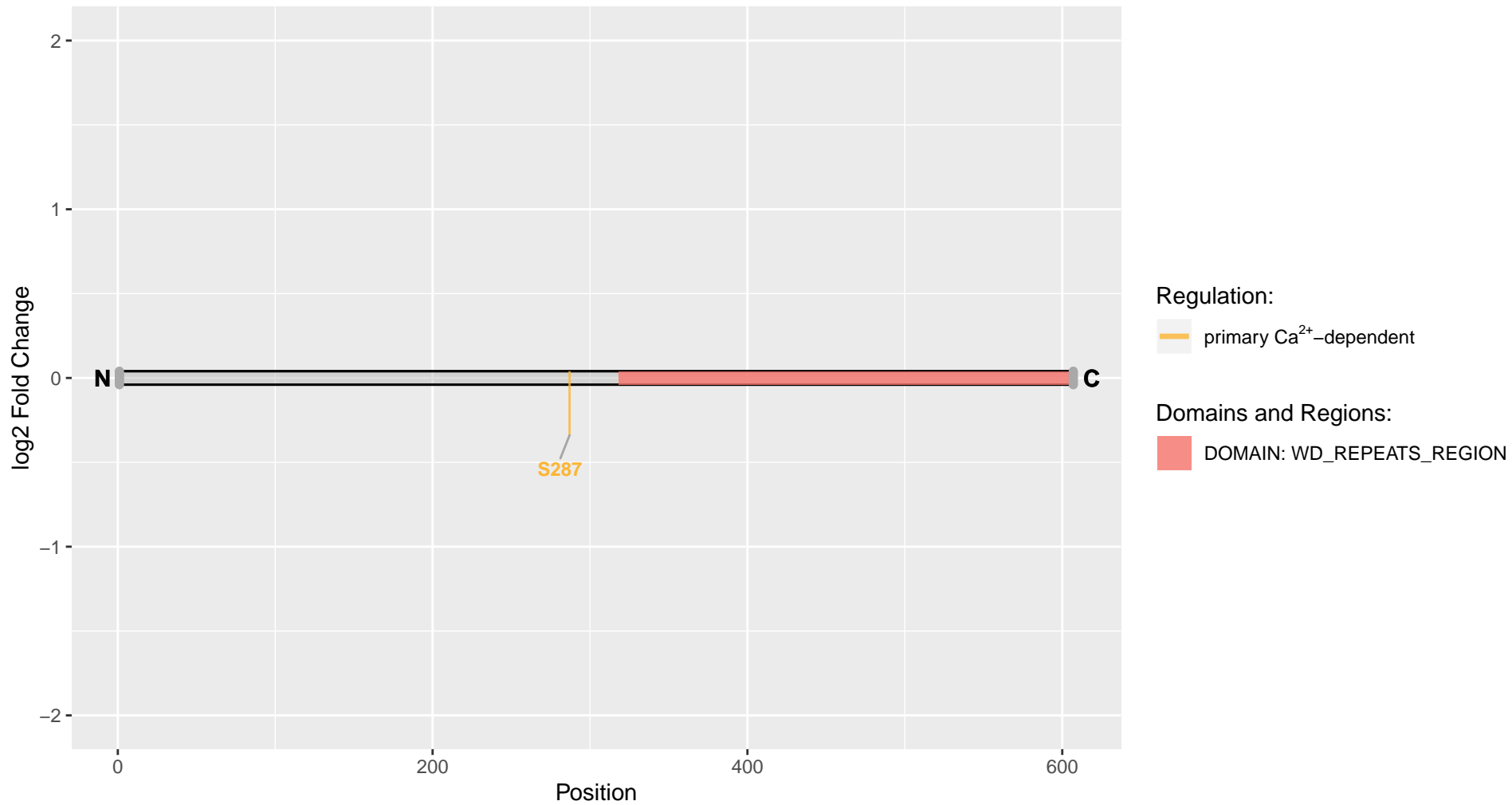
Autophagy-related 16-like 1



Atg16l1

Uniprot Accession: D3ZFK6

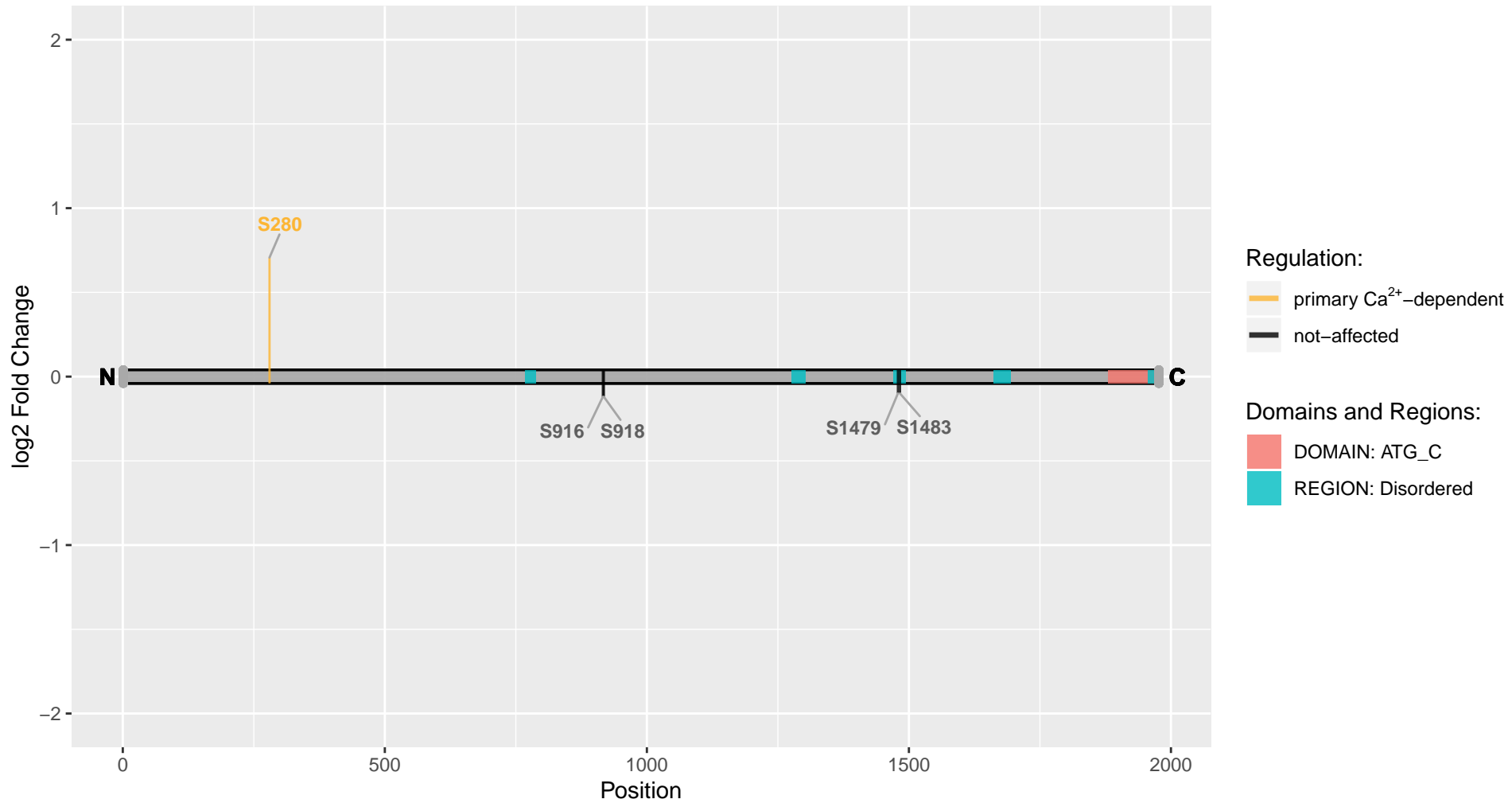
Autophagy-related 16-like 1



Atg2b

Uniprot Accession: F1MAF8

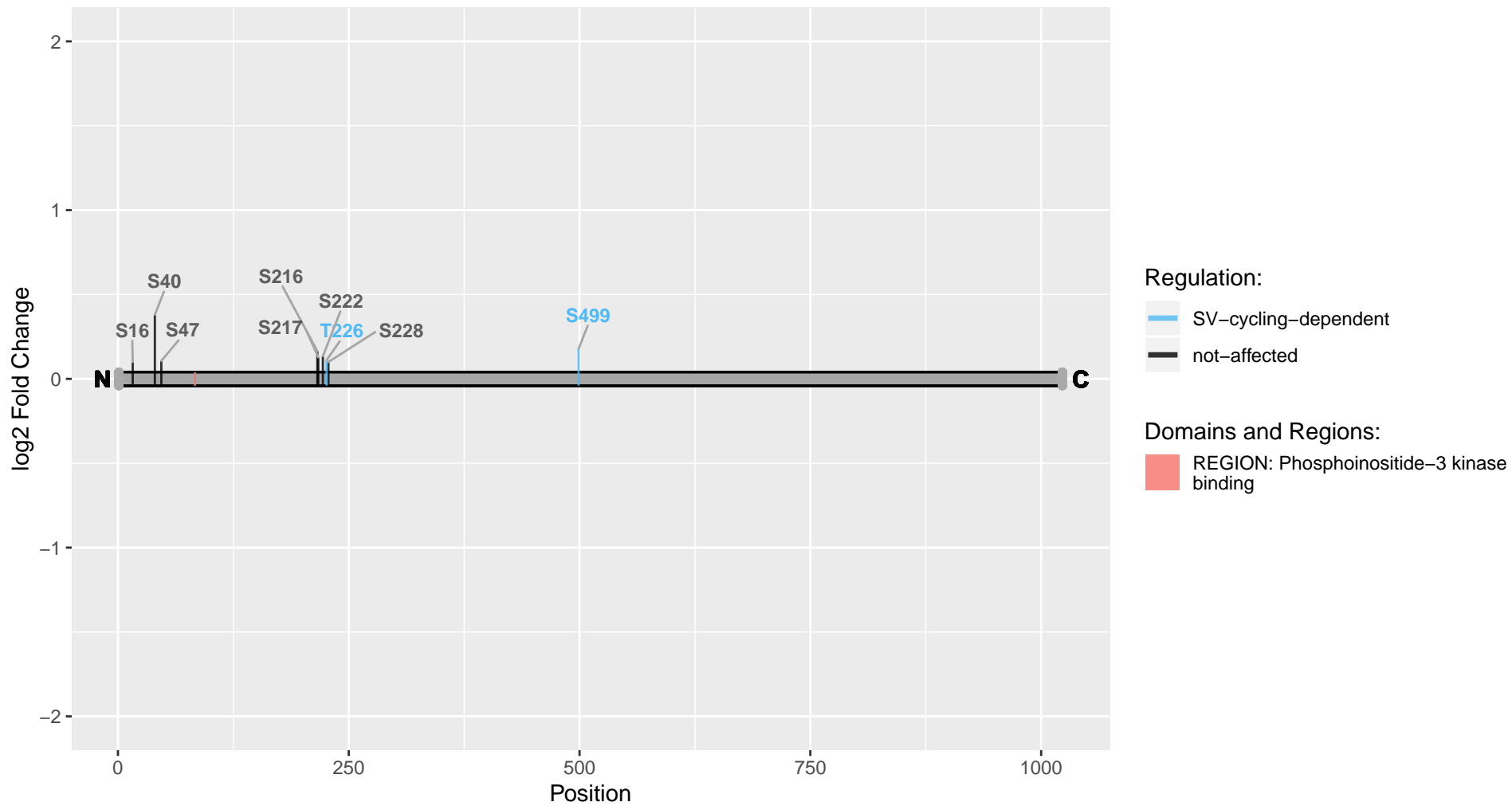
Autophagy related 2B



Atp1a1

Uniprot Accession: P06685

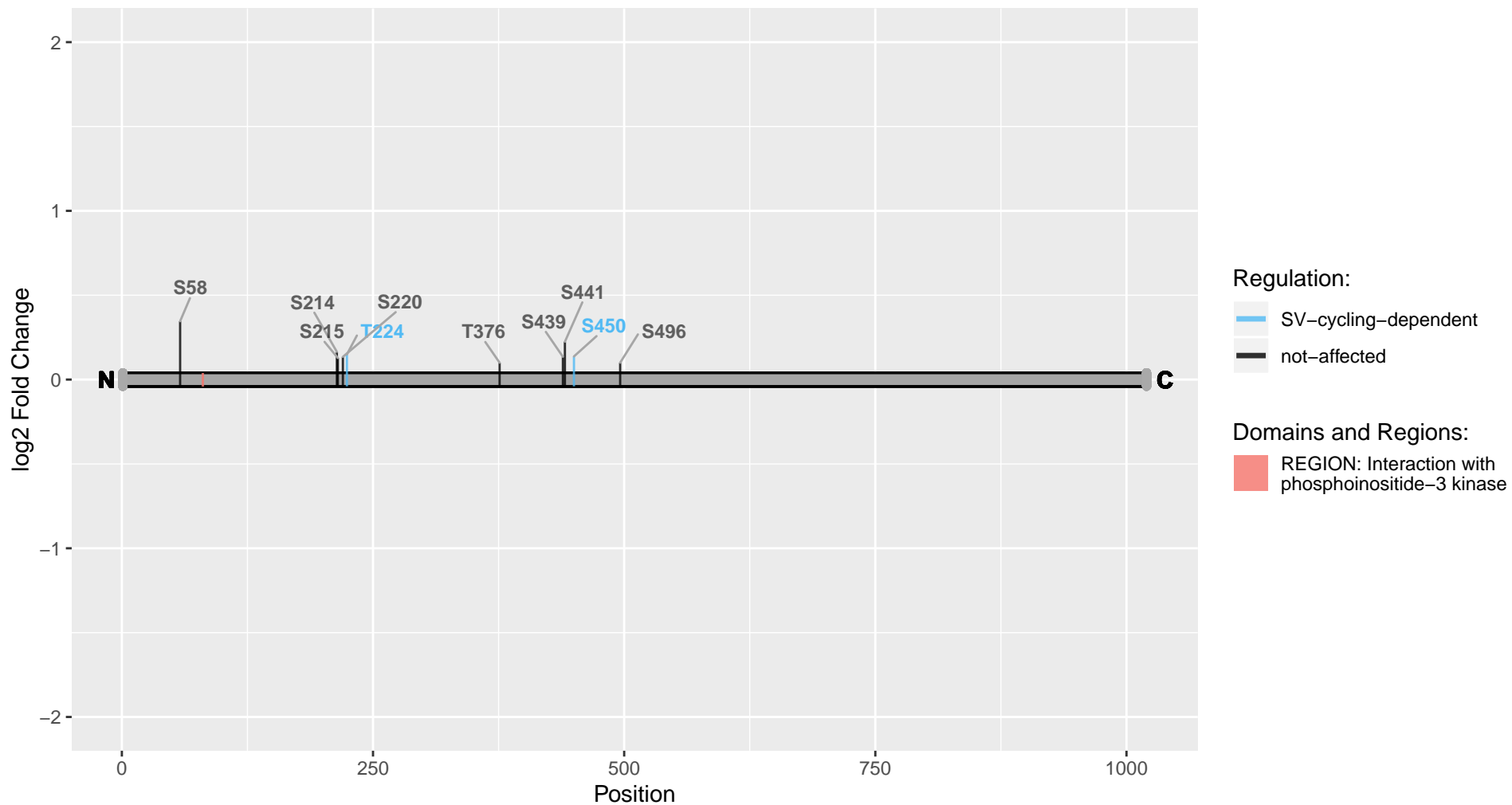
Sodium/potassium-transporting ATPase subunit alpha-1



Atp1a2

Uniprot Accession: P06686

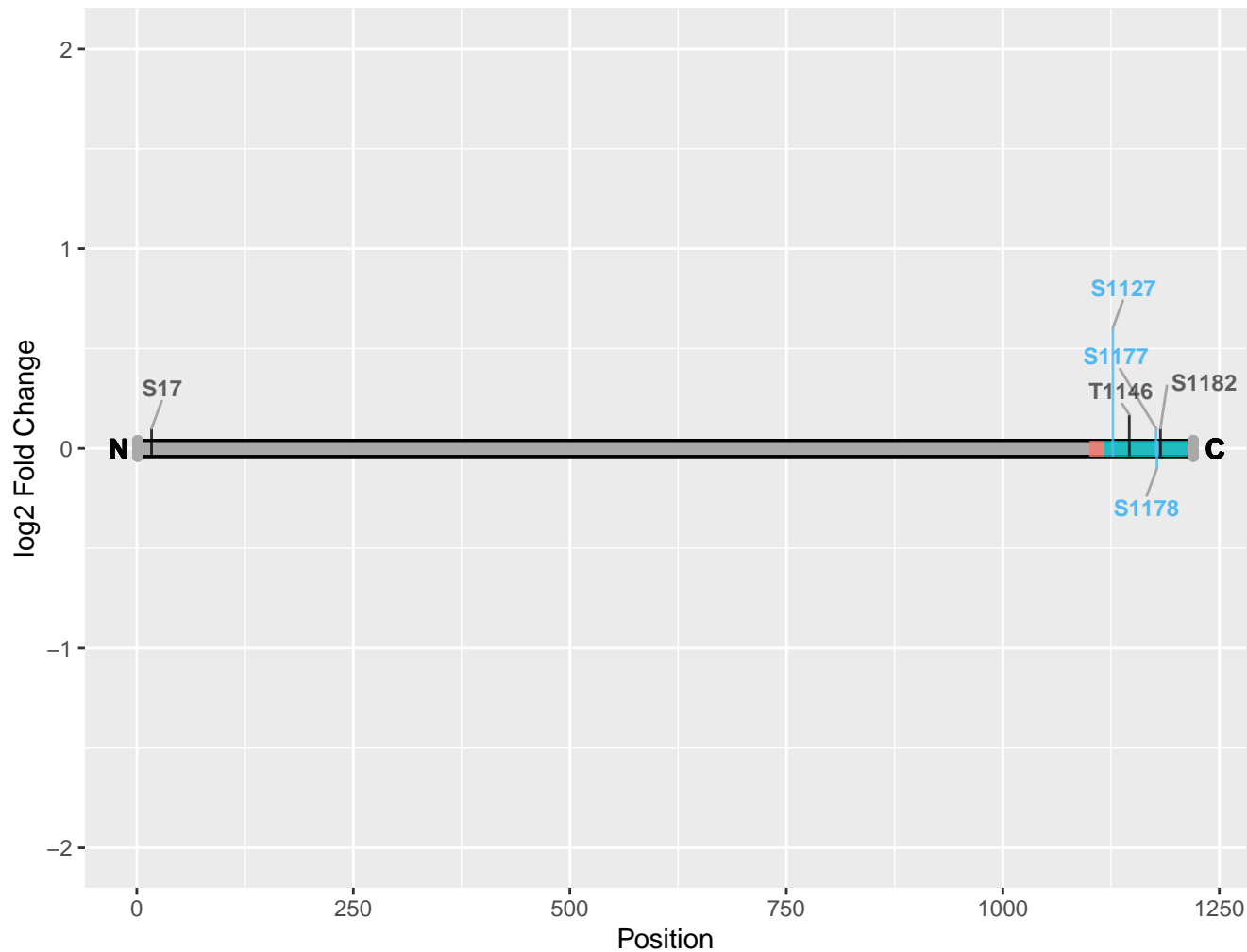
Sodium/potassium-transporting ATPase subunit alpha-2



Atp2b1

Uniprot Accession: P11505

Plasma membrane calcium-transporting ATPase 1



Regulation:

- SV-cycling-dependent
- not-affected

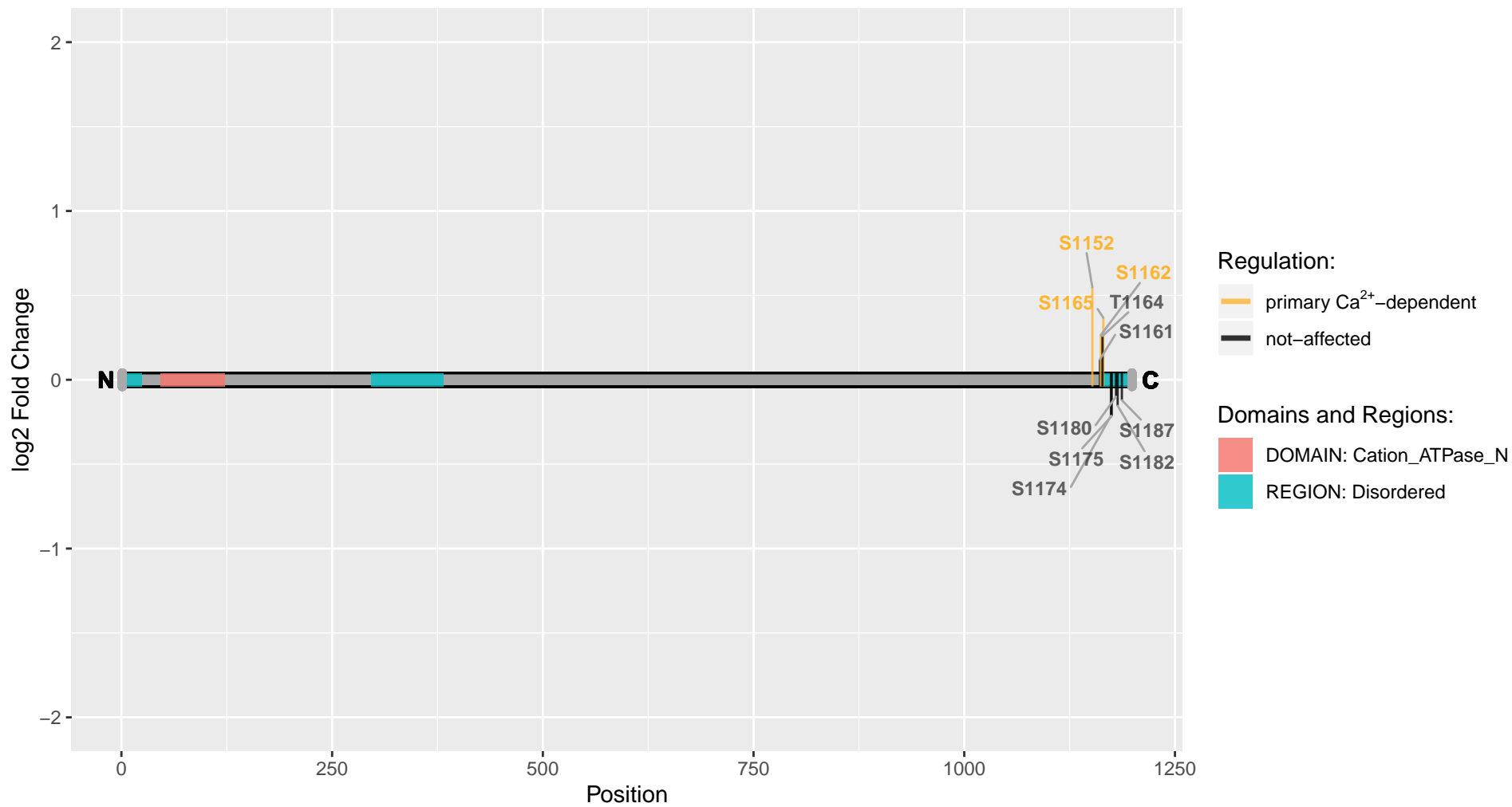
Domains and Regions:

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

Atp2b2

Uniprot Accession: D4A8B3

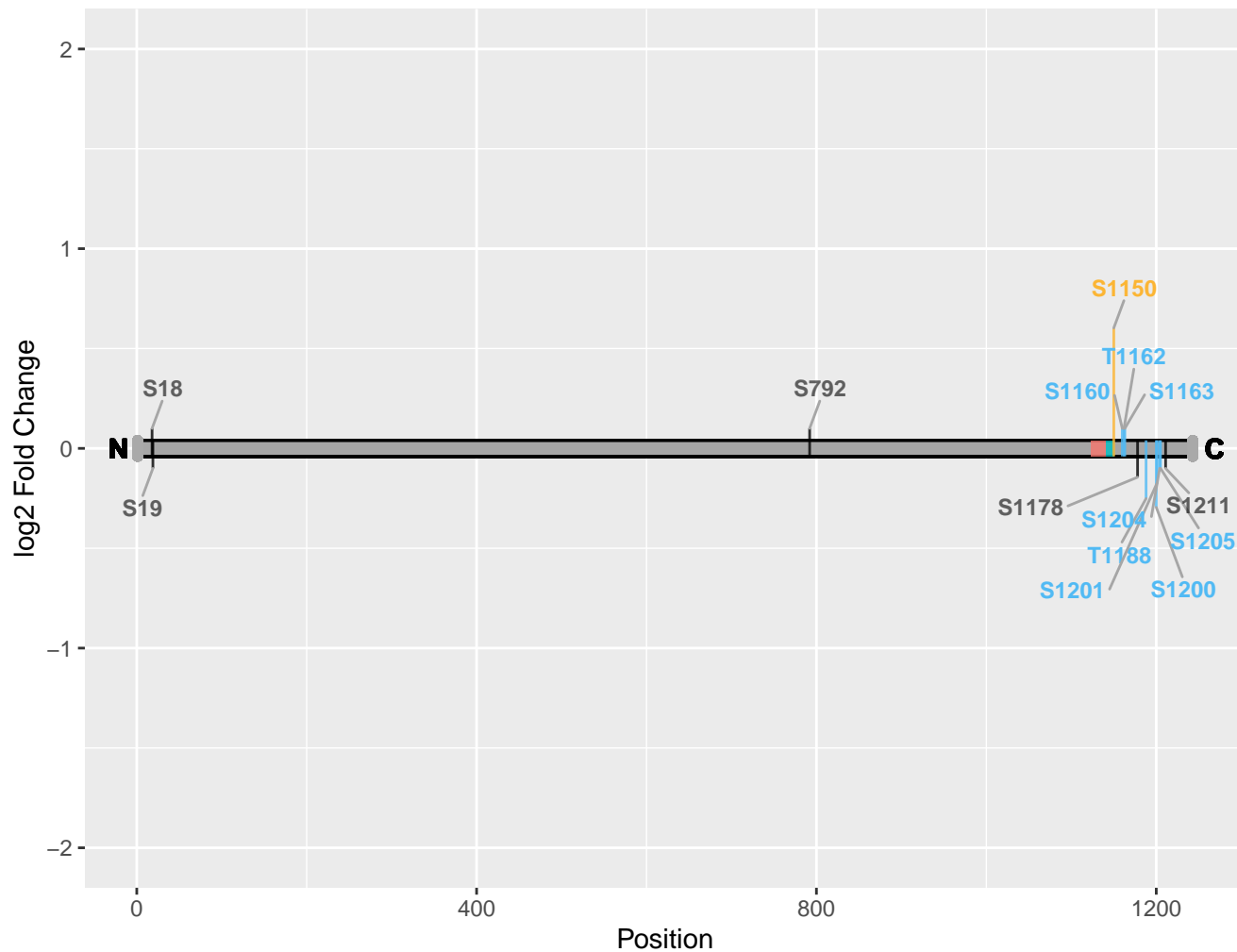
Calcium-transporting ATPase



Atp2b2

Uniprot Accession: P11506

Plasma membrane calcium-transporting ATPase 2



Regulation:

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

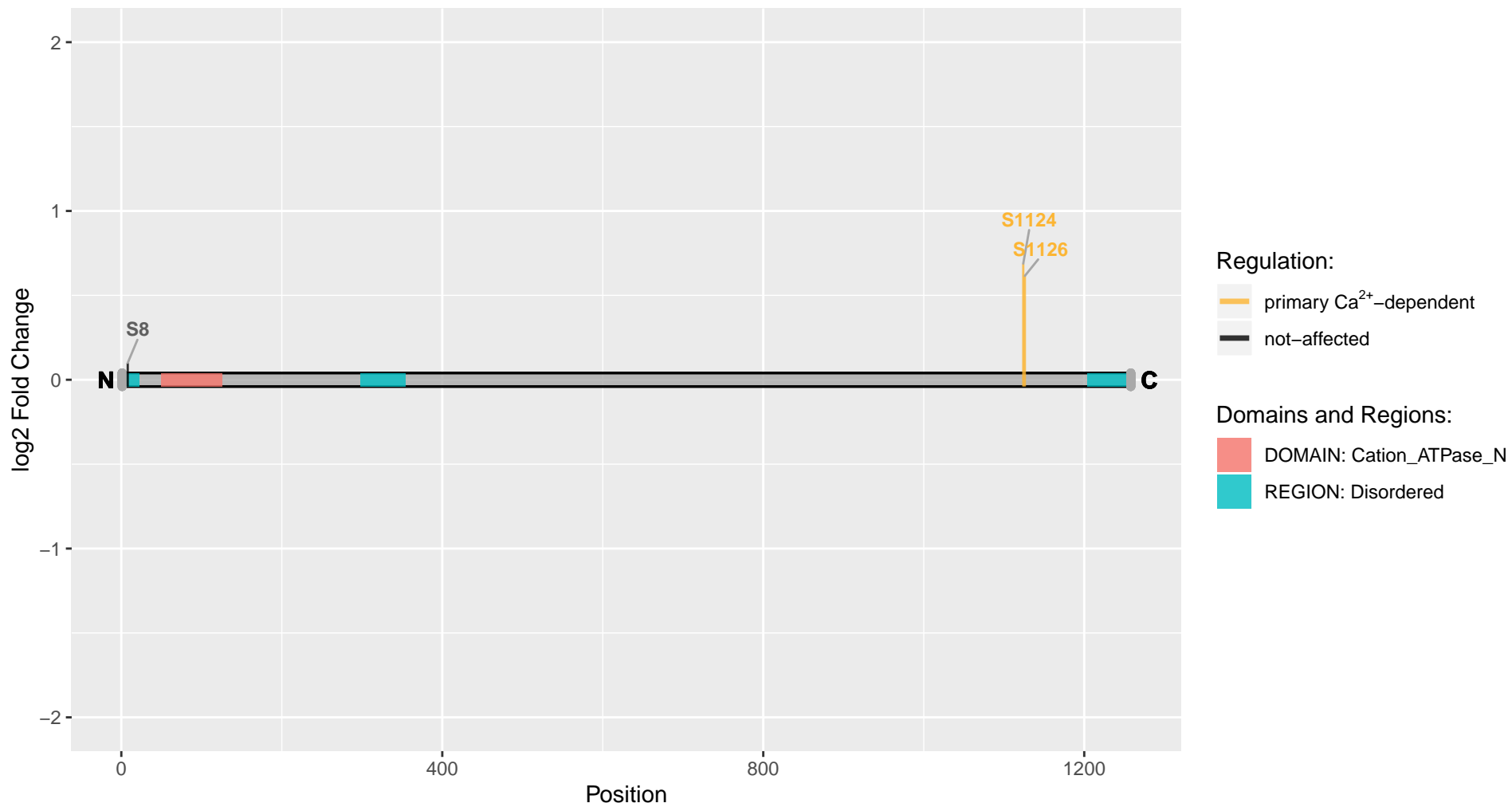
Domains and Regions:

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

Atp2b3

Uniprot Accession: A0A0G2K9Q6

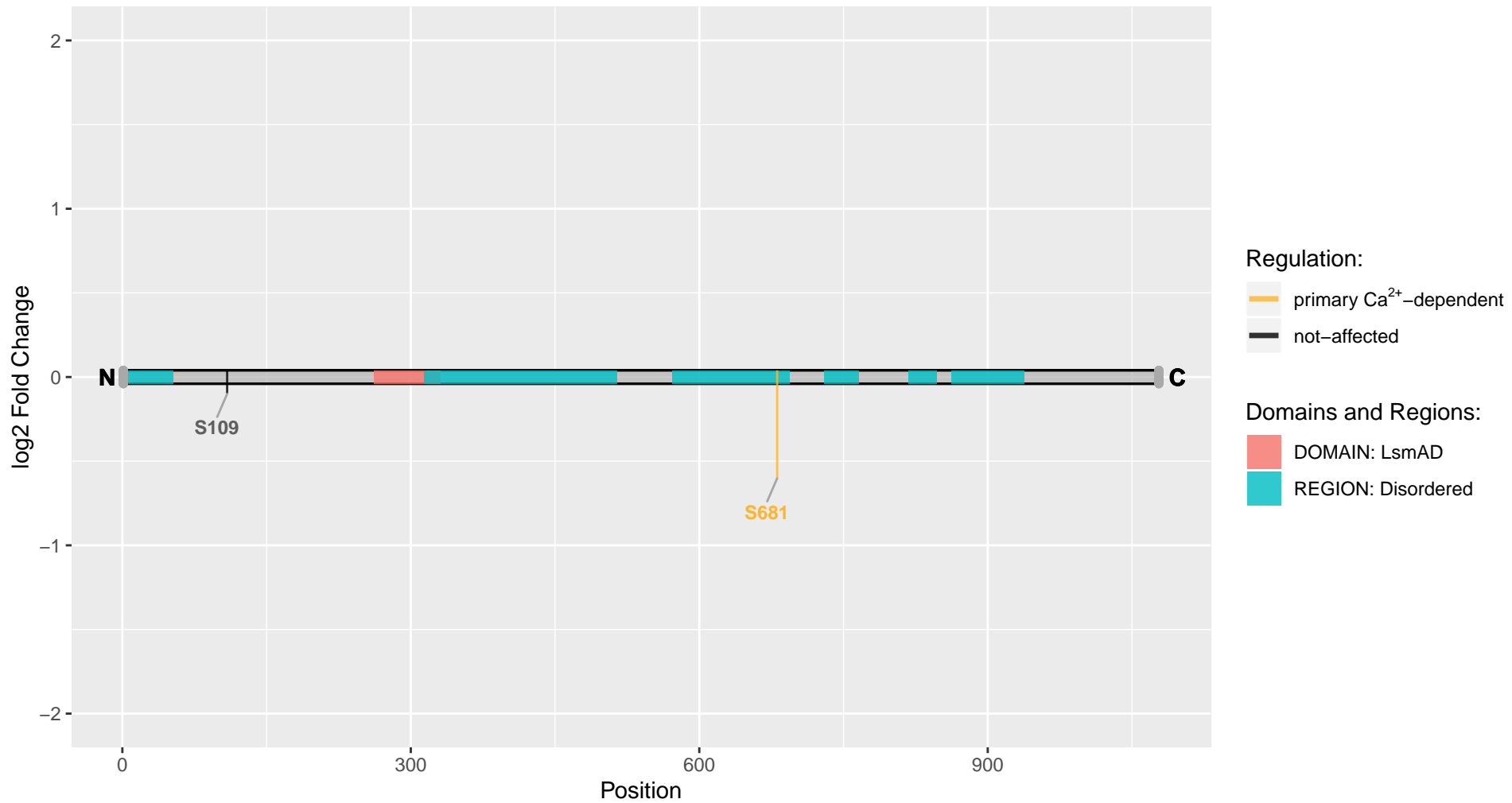
Calcium-transporting ATPase



Atxn2l

Uniprot Accession: A0A0G2JYE0

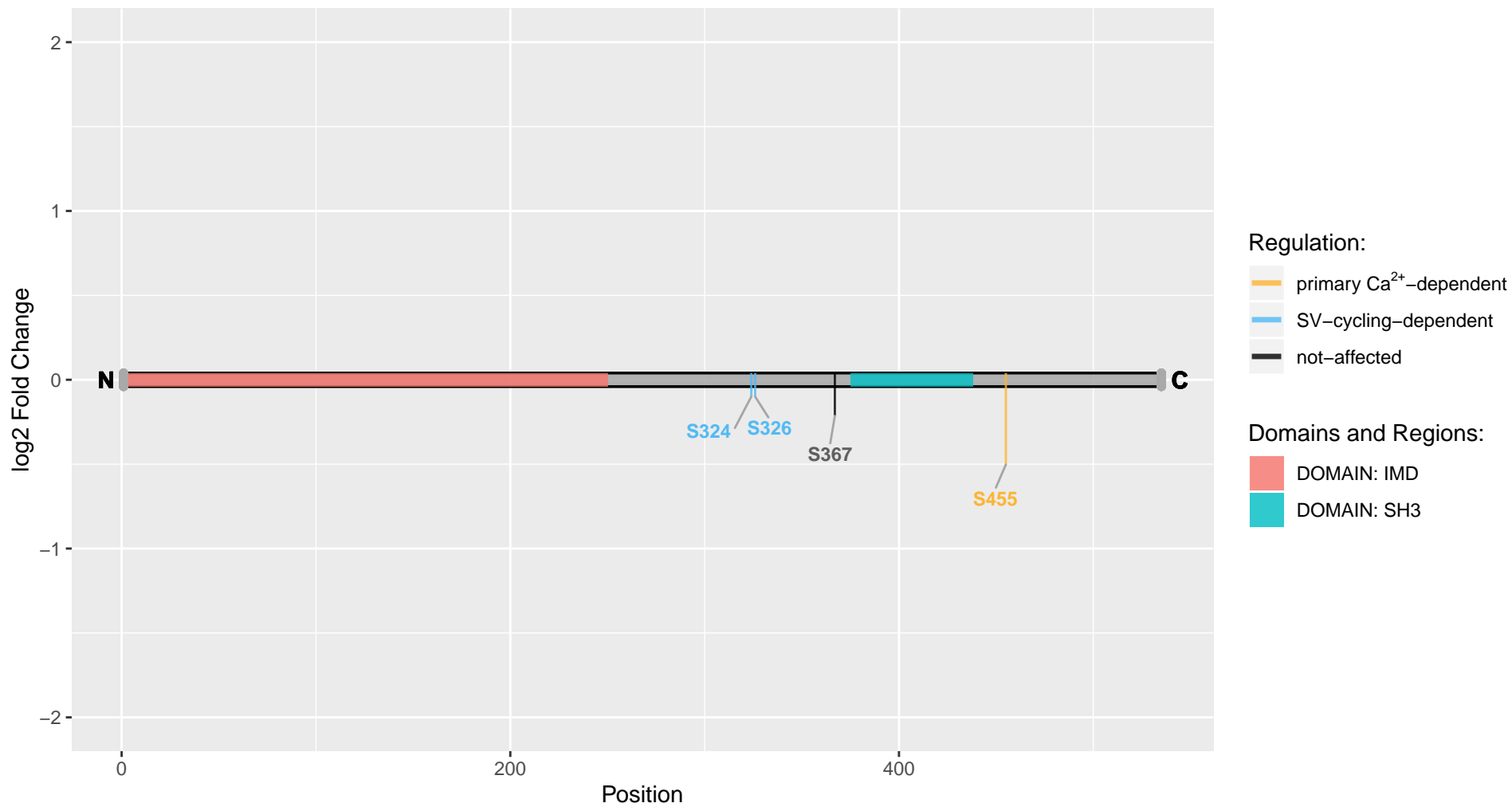
Ataxin 2-like



Baiap2

Uniprot Accession: Q6GMN2

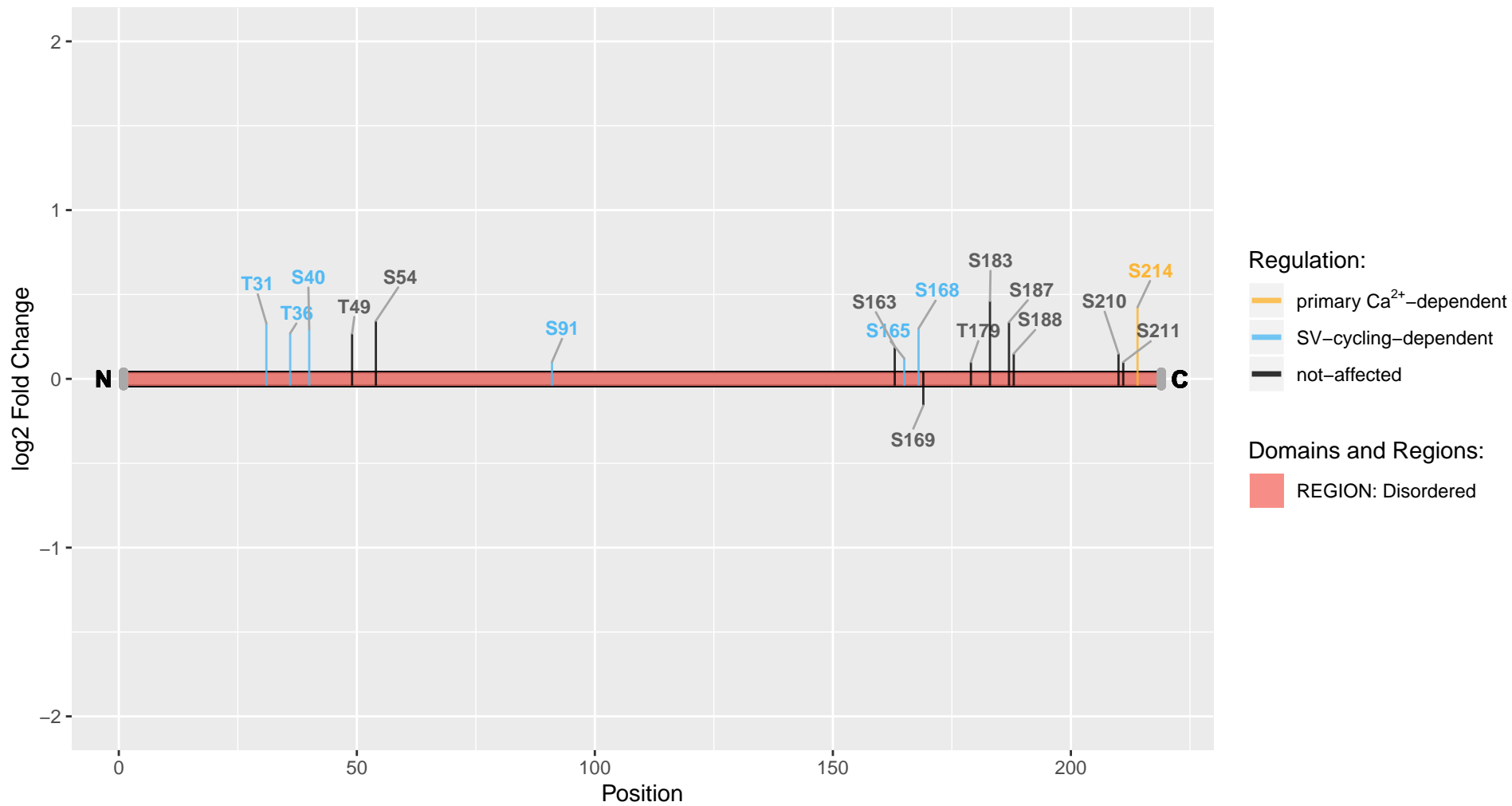
Brain-specific angiogenesis inhibitor 1-associated protein 2



Basp1

Uniprot Accession: A0A0G2K1L8

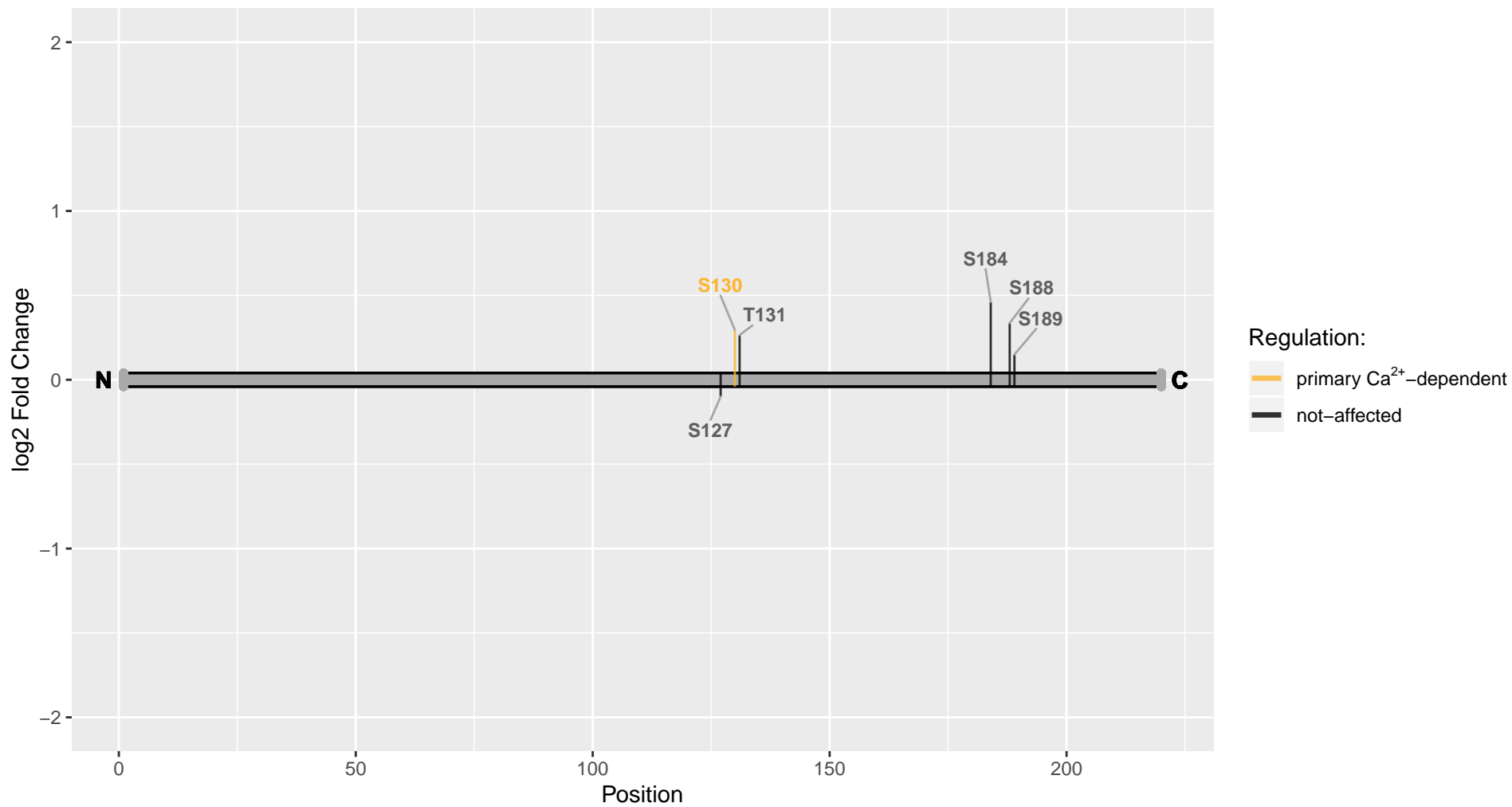
Brain acid soluble protein 1



Basp1

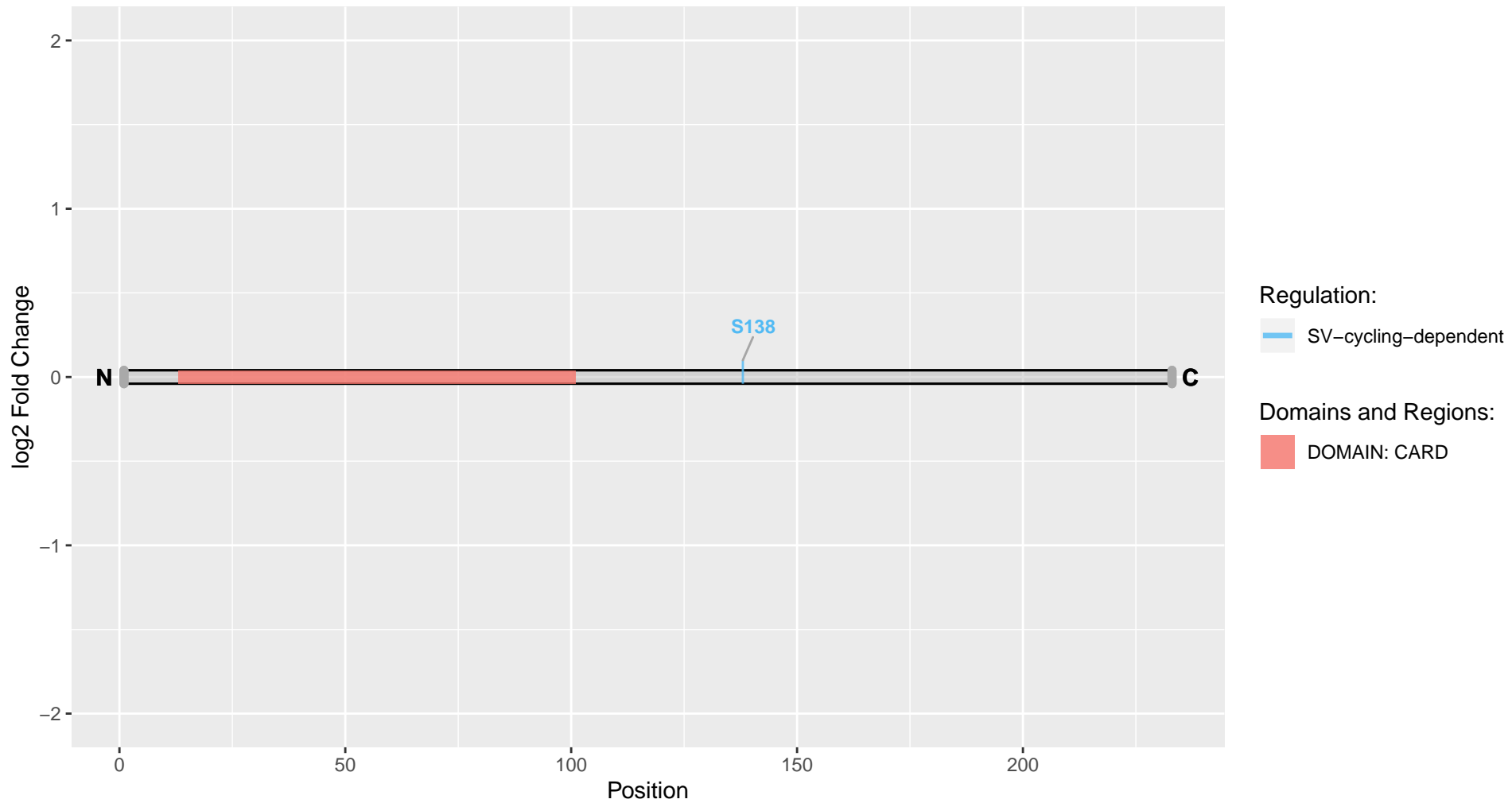
Uniprot Accession: Q05175

Brain acid soluble protein 1



Bcl10

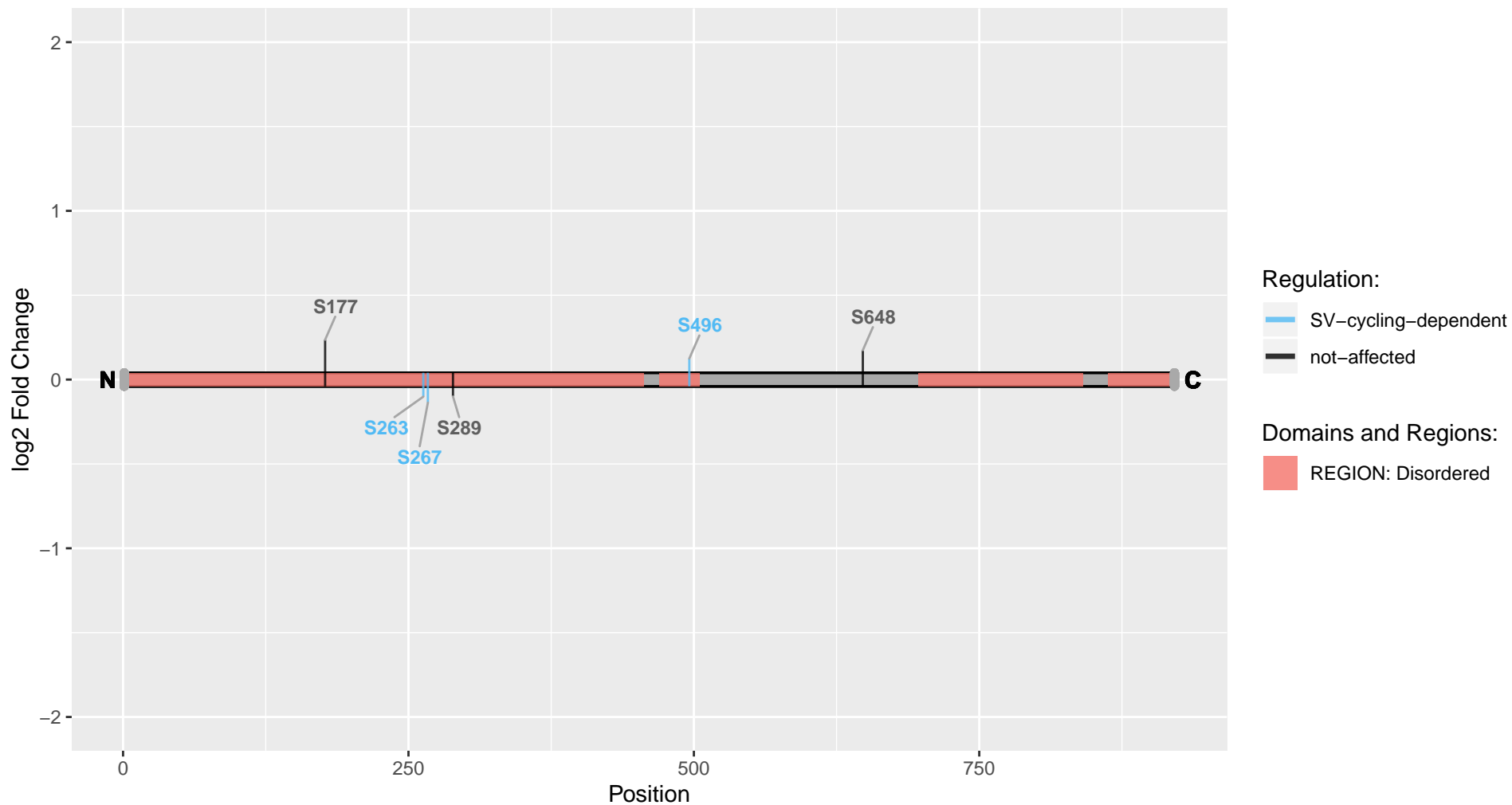
Uniprot Accession: Q9QYN5
B-cell lymphoma/leukemia 10



Bclaf1

Uniprot Accession: B1WC16

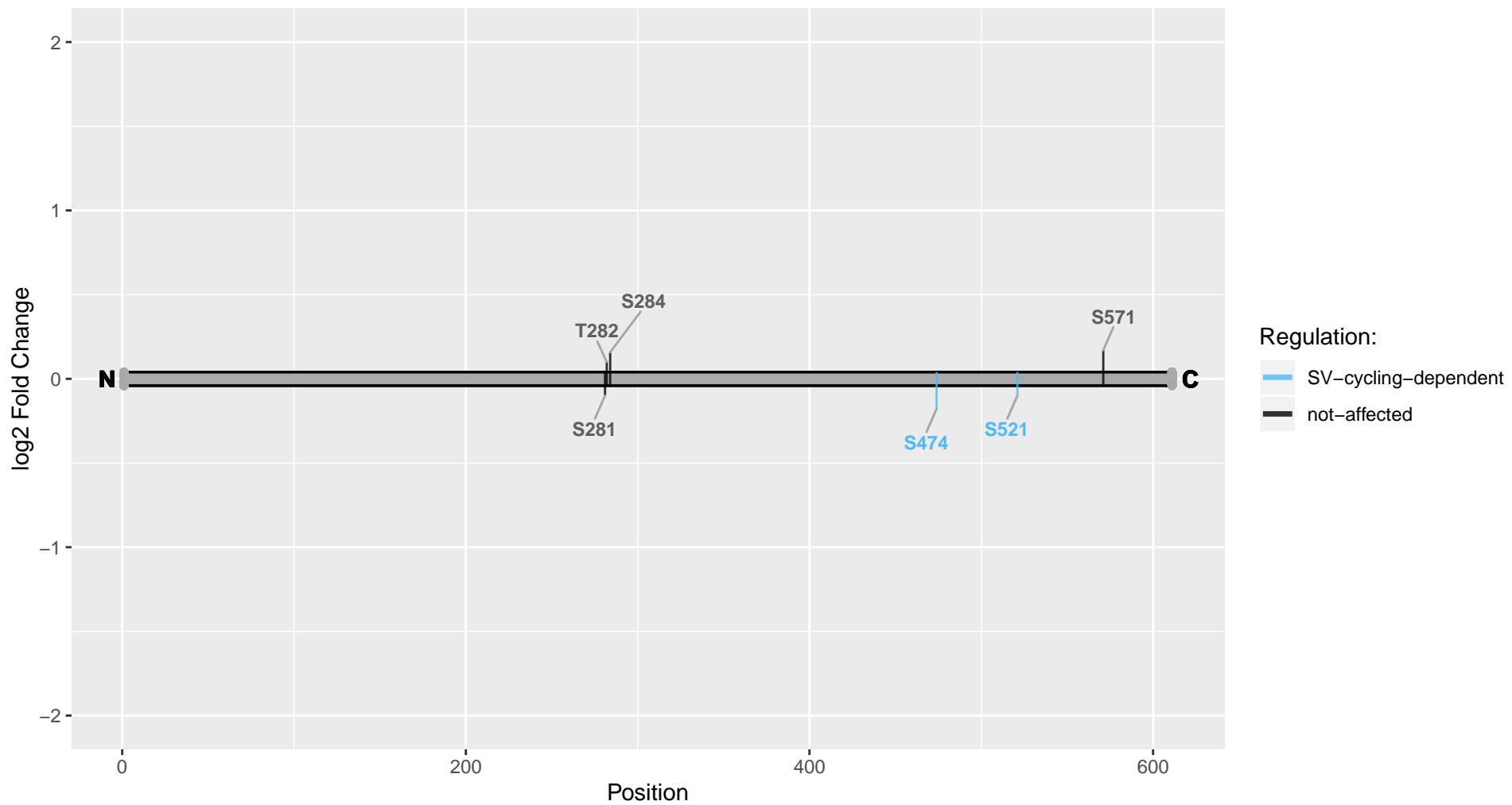
BCL2-associated transcription factor 1, isoform CRA_a



Begin

Uniprot Accession: O88881

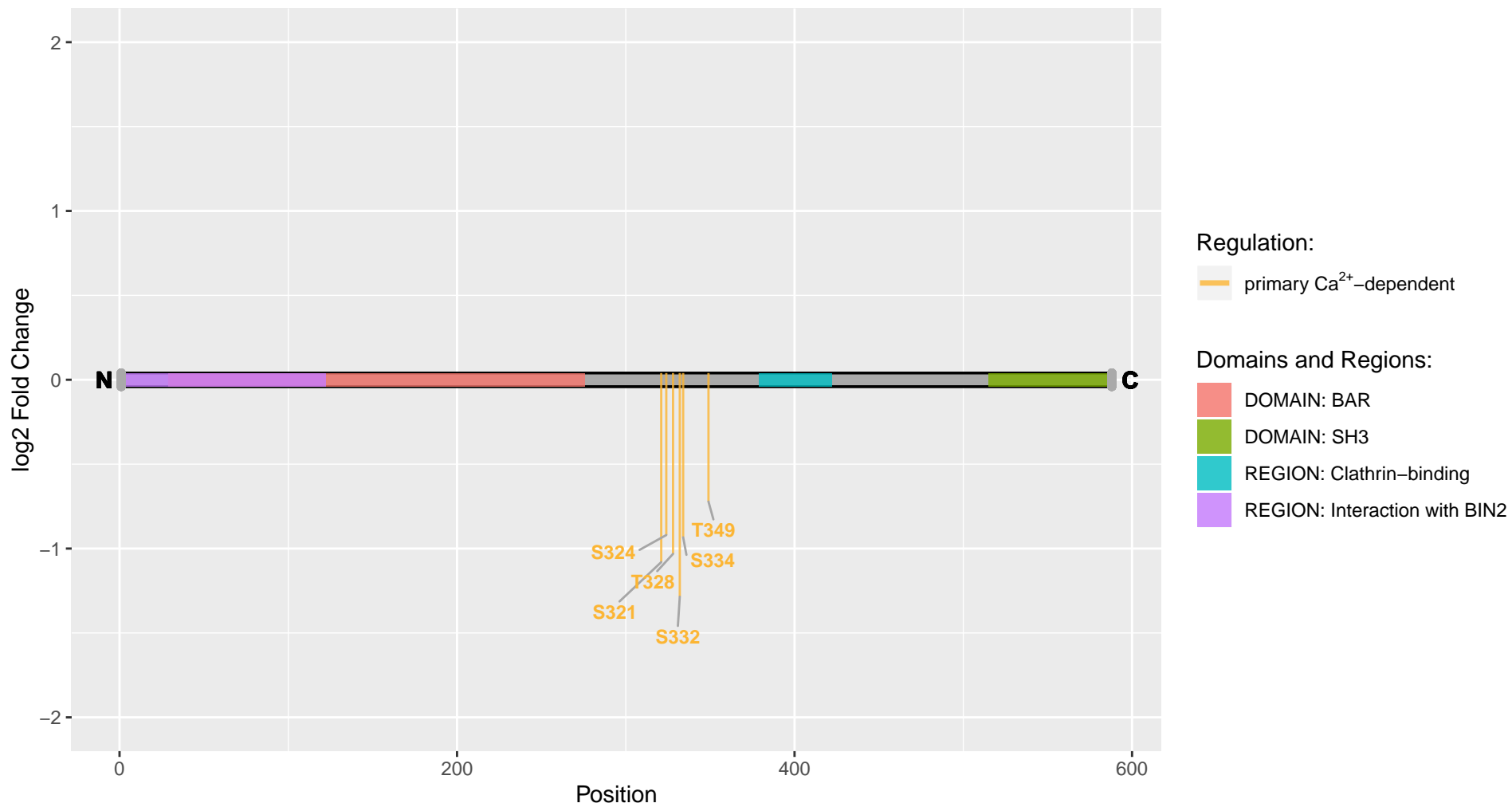
Brain-enriched guanylate kinase-associated protein



Bin1

Uniprot Accession: O08839

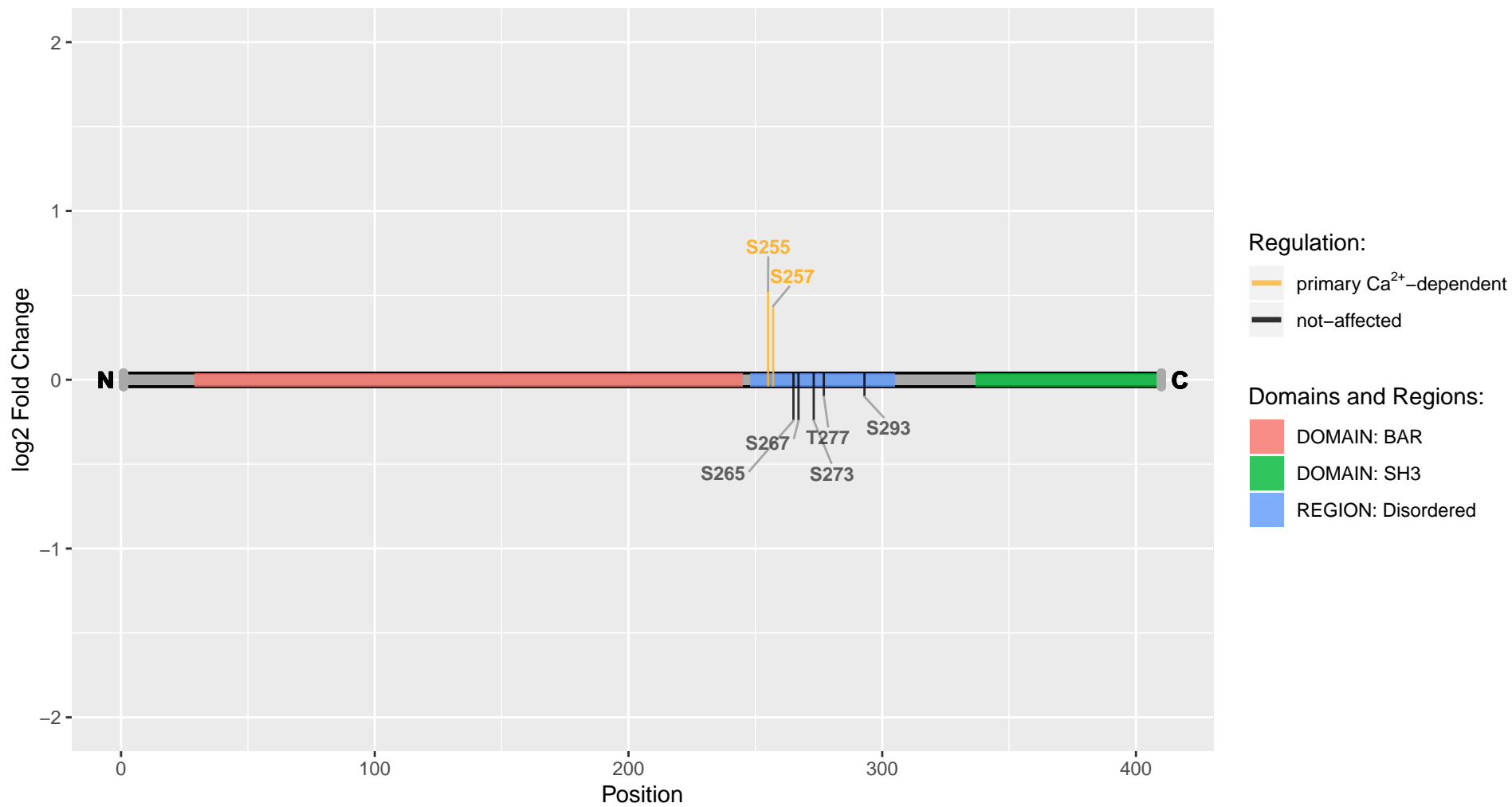
Myc box-dependent-interacting protein 1



Bin1

Uniprot Accession: Q5HZA7

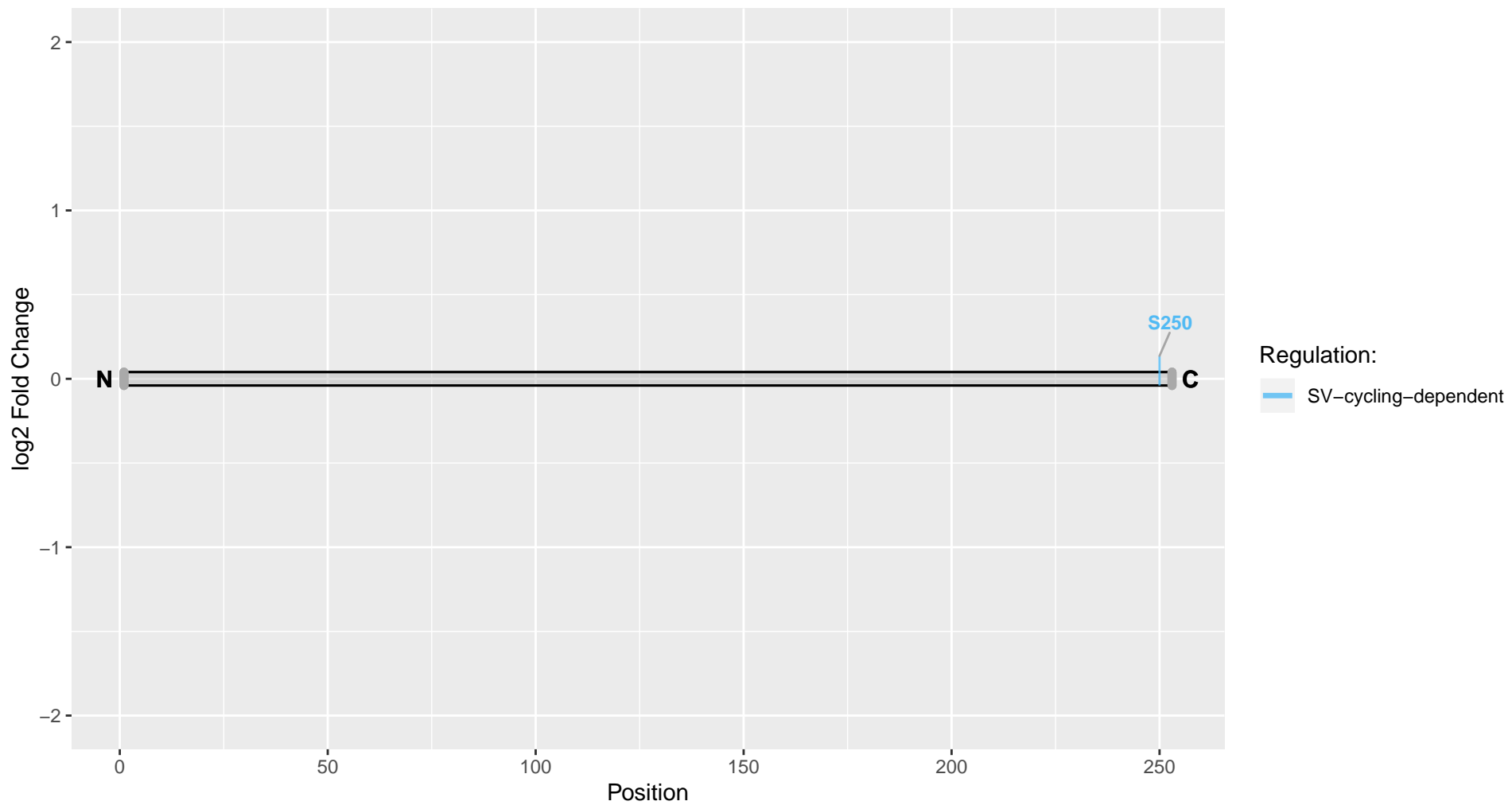
Bin1 protein



Bri3bp

Uniprot Accession: Q5U3Z5

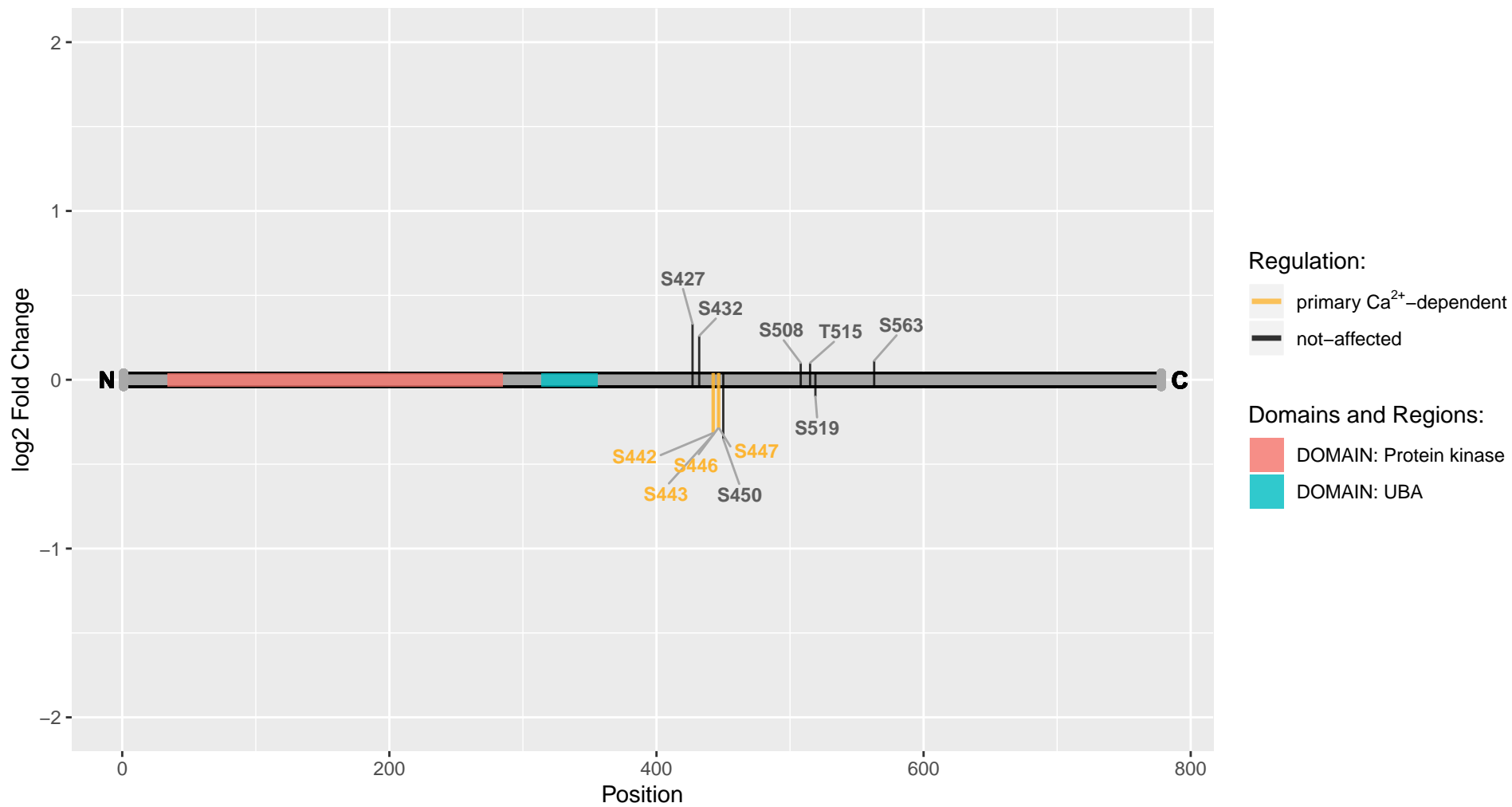
BRI3-binding protein



Brsk1

Uniprot Accession: B2DD29

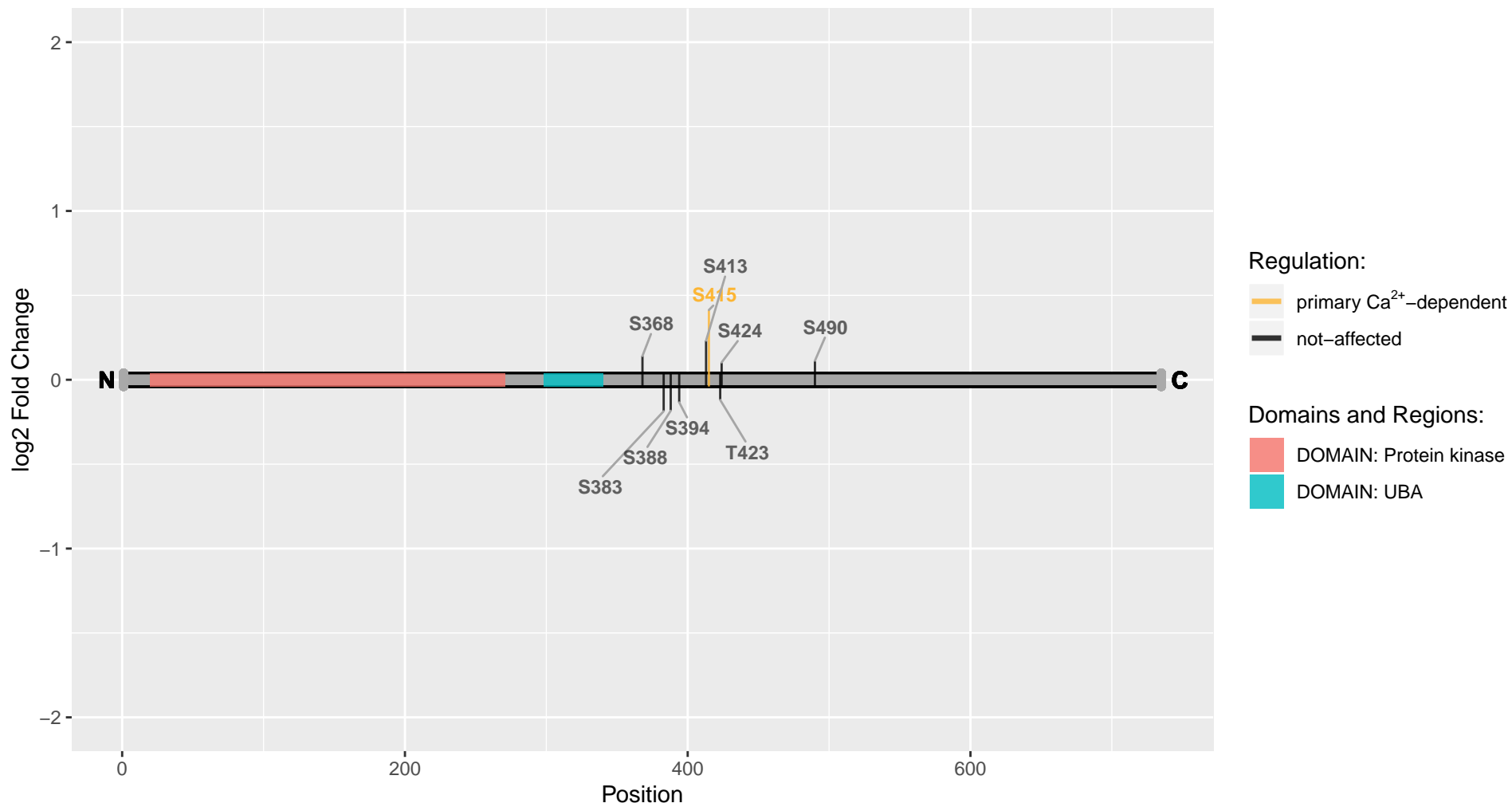
Serine/threonine-protein kinase BRSK1



Brsk2

Uniprot Accession: D3ZML2

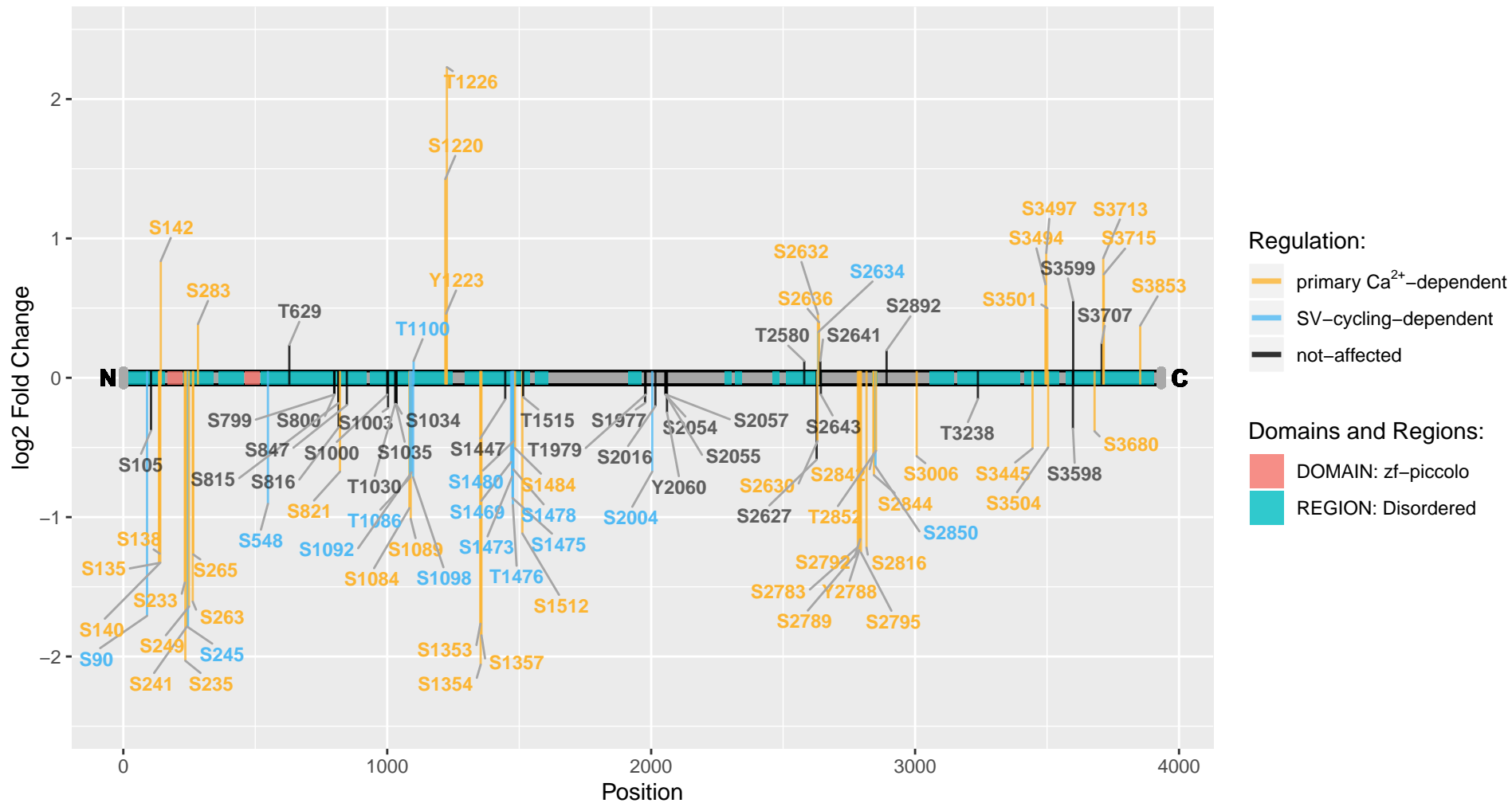
Serine/threonine-protein kinase BRSK2



Bsn

Uniprot Accession: G3V984

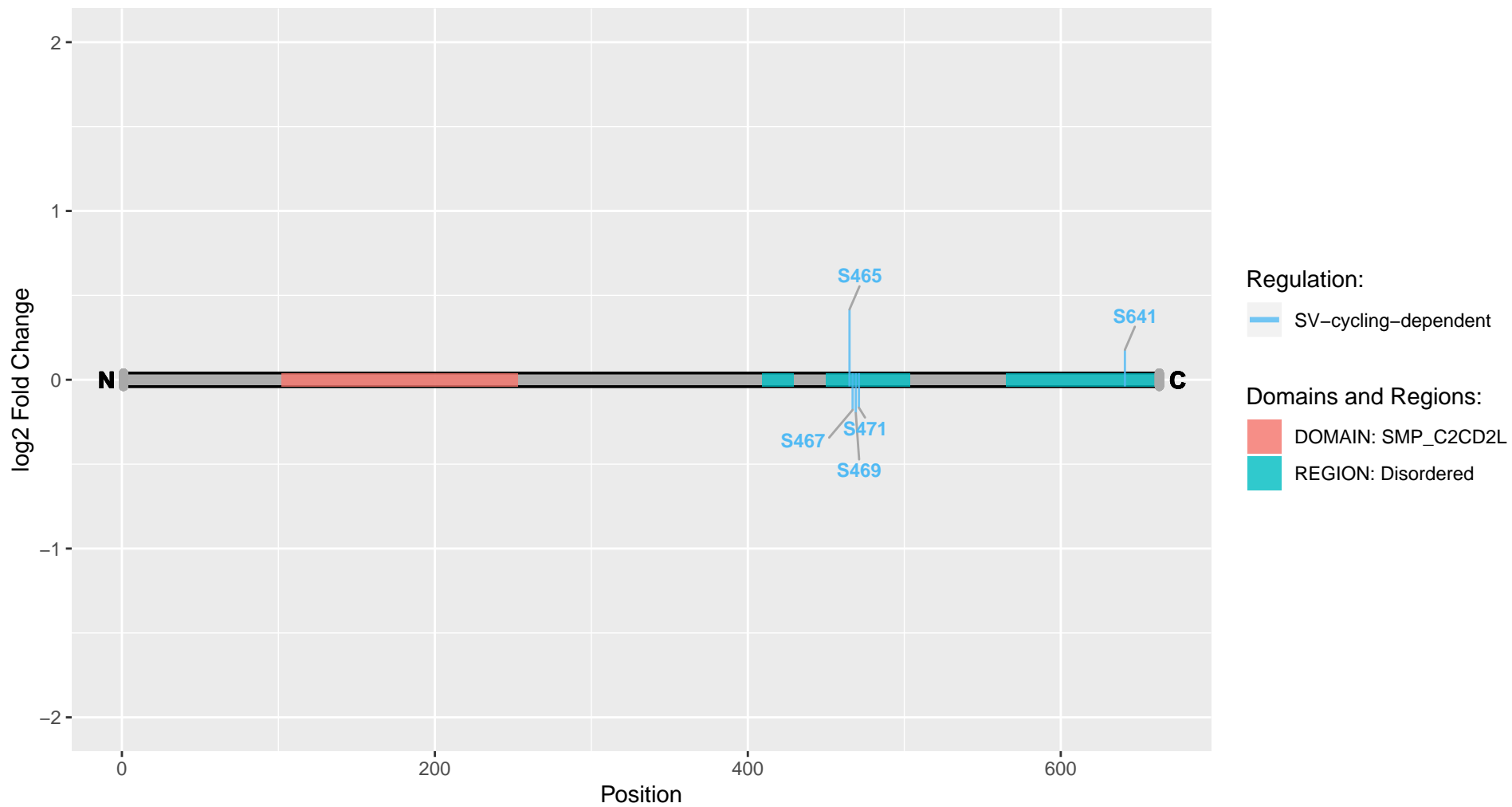
Protein bassoon



C2cd2l

Uniprot Accession: A0A0G2K2V4

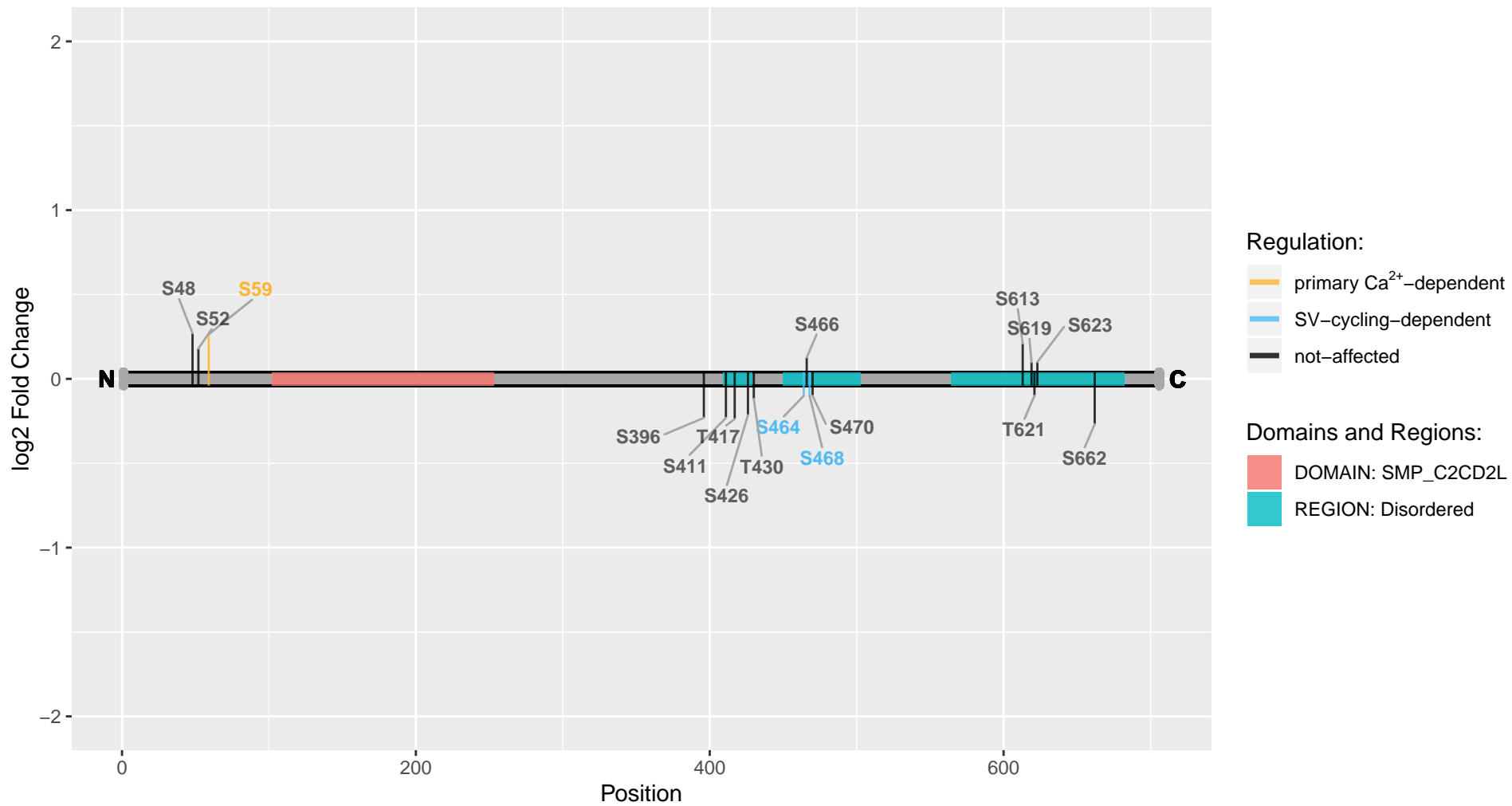
C2CD2-like



C2cd2l

Uniprot Accession: Q5U2P5

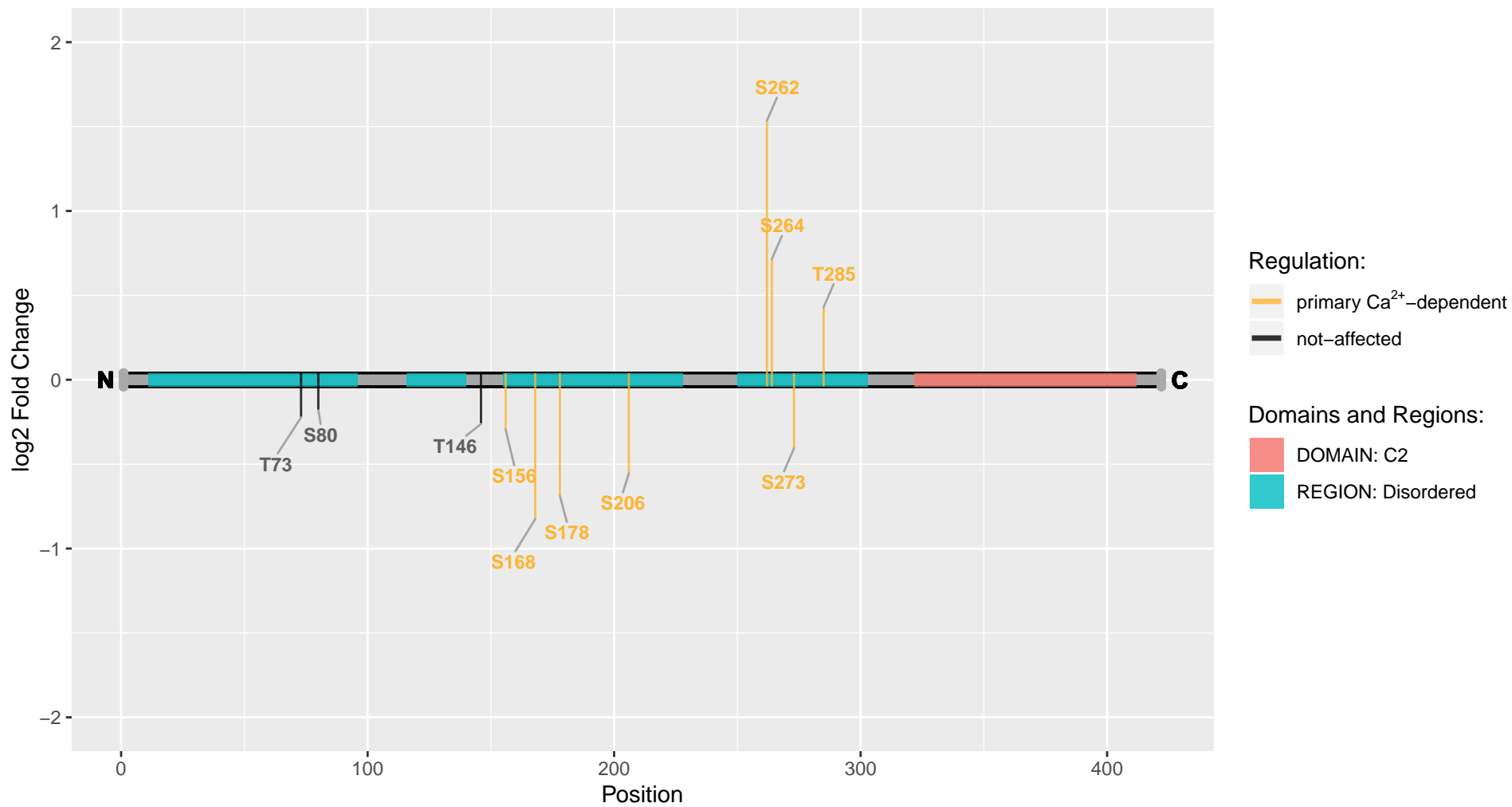
C2CD2-like



C2cd4c

Uniprot Accession: D3ZLU0

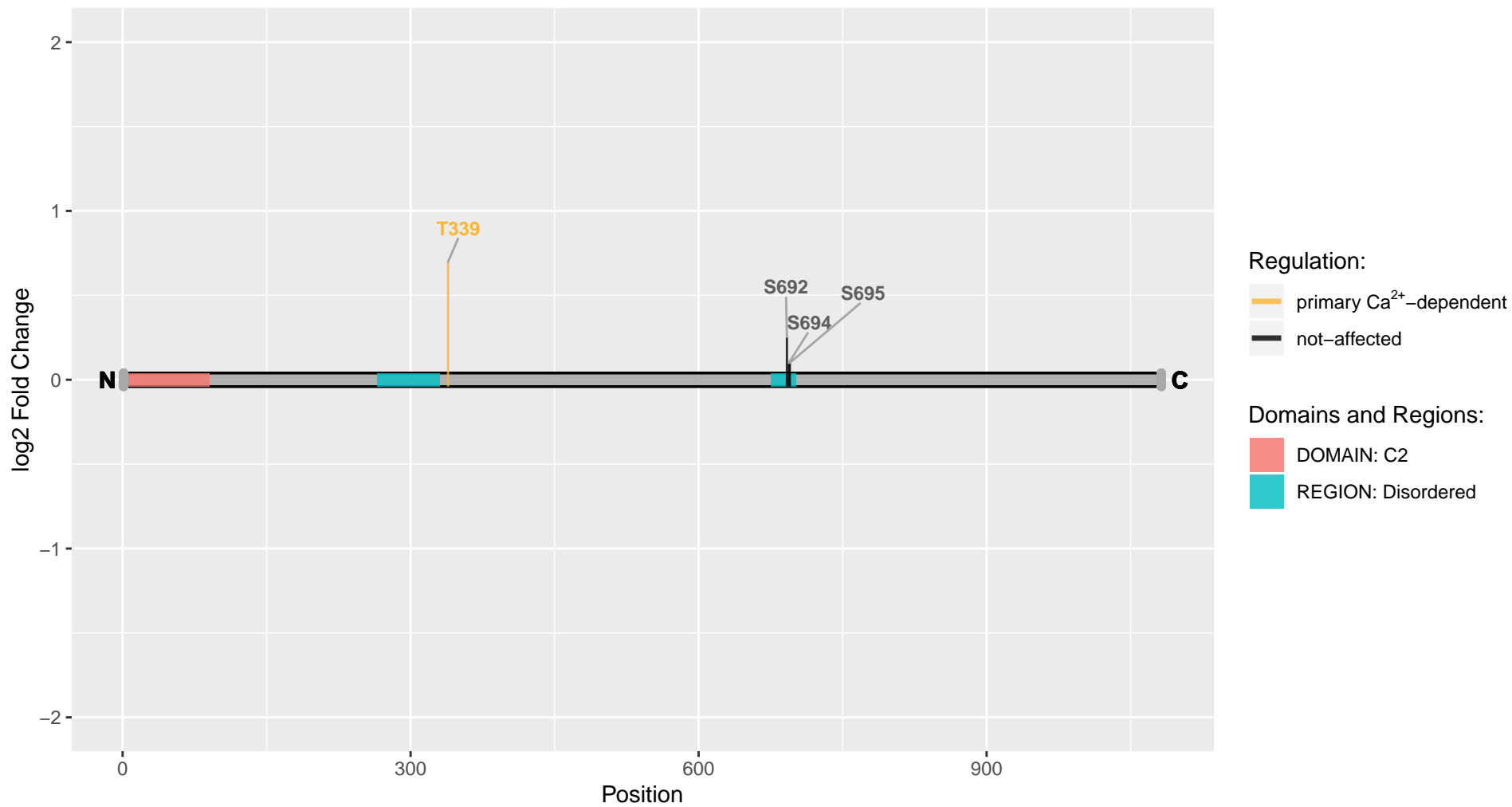
C2 calcium-dependent domain-containing 4C



C2cd5

Uniprot Accession: A0A0G2K543

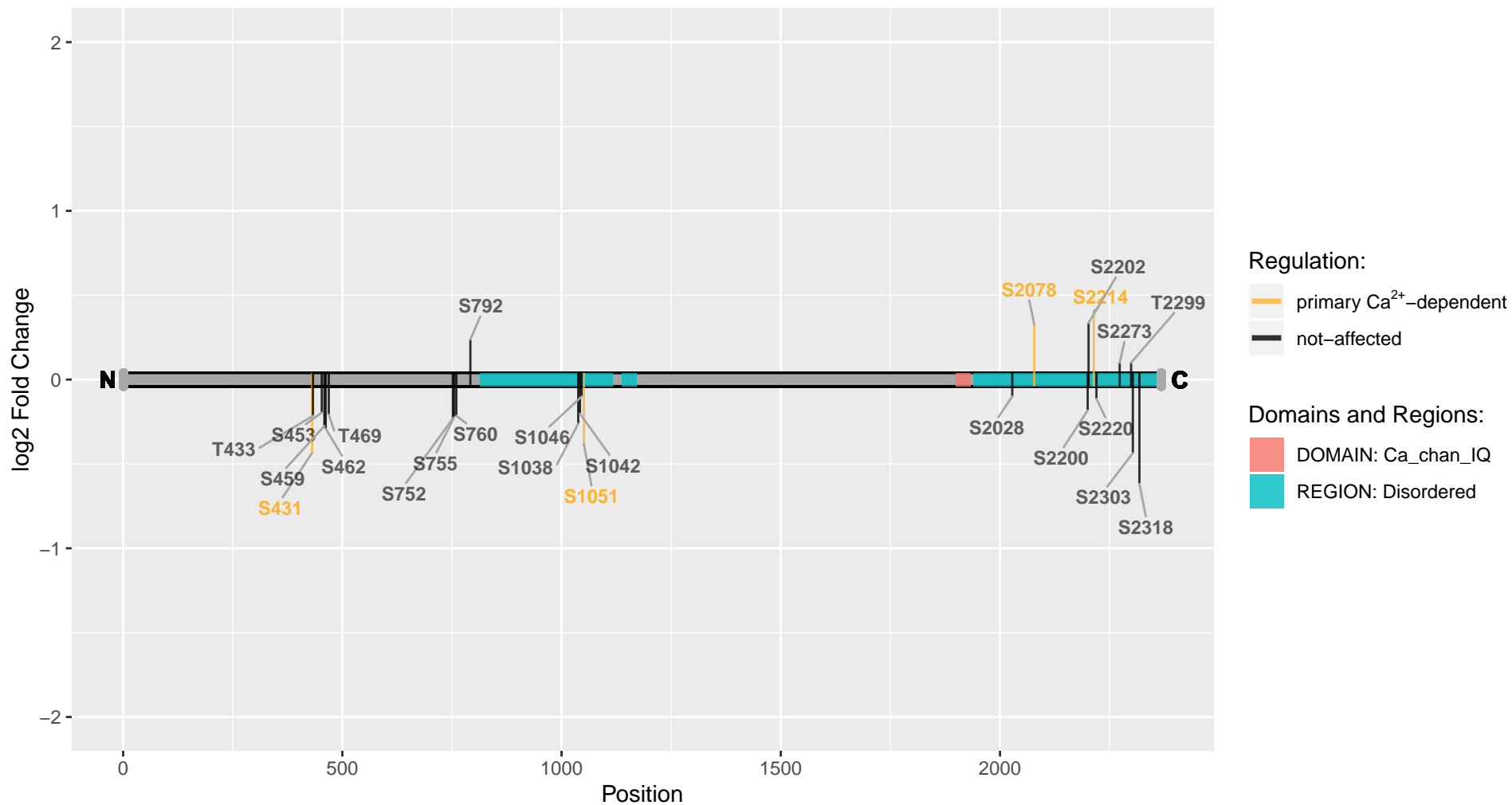
C2 calcium-dependent domain-containing 5



Cacna1a

Uniprot Accession: A0A0G2JXK1

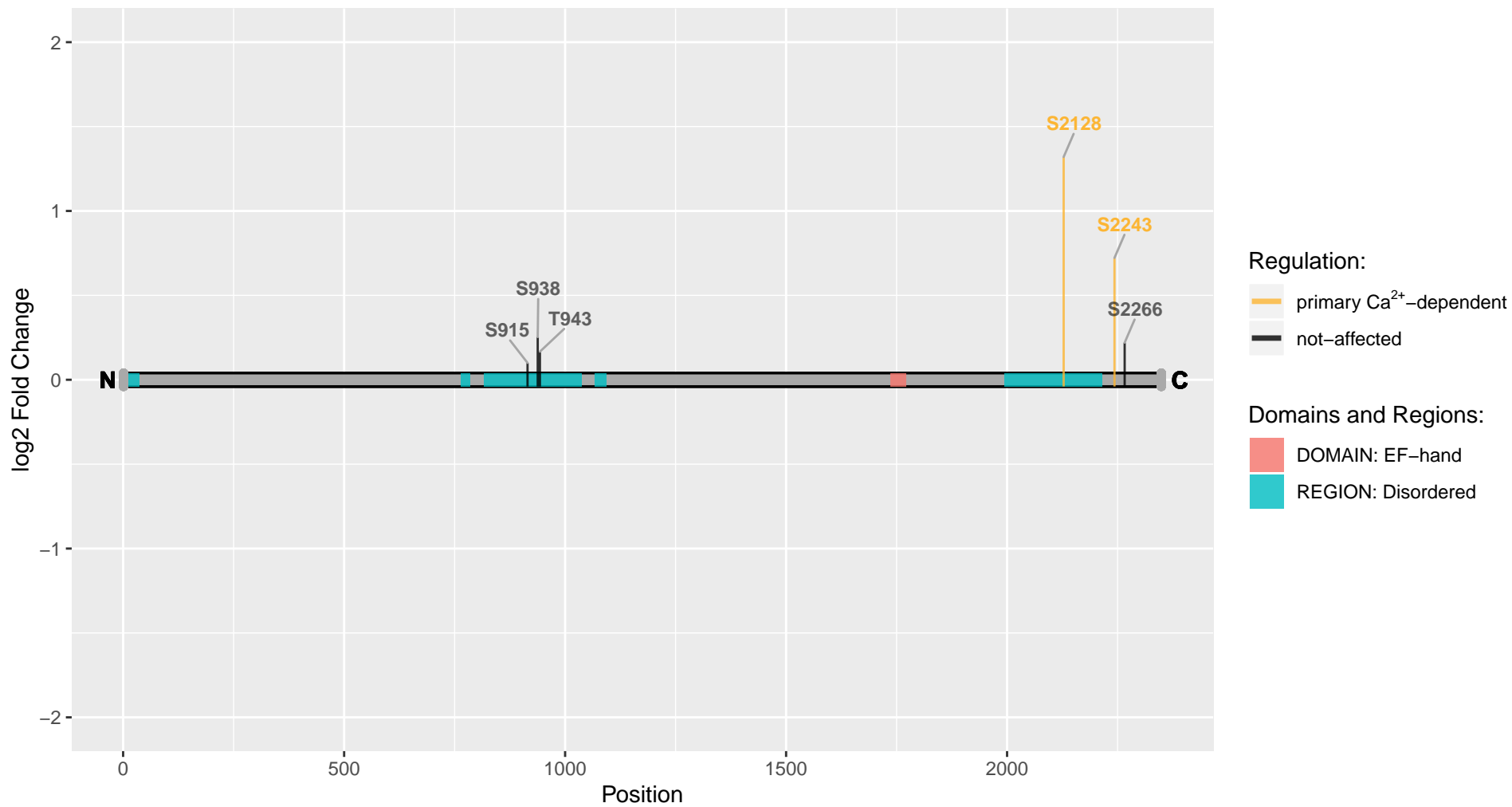
Voltage-dependent P/Q-type calcium channel subunit alpha



Cacna1b

Uniprot Accession: F1LQ87

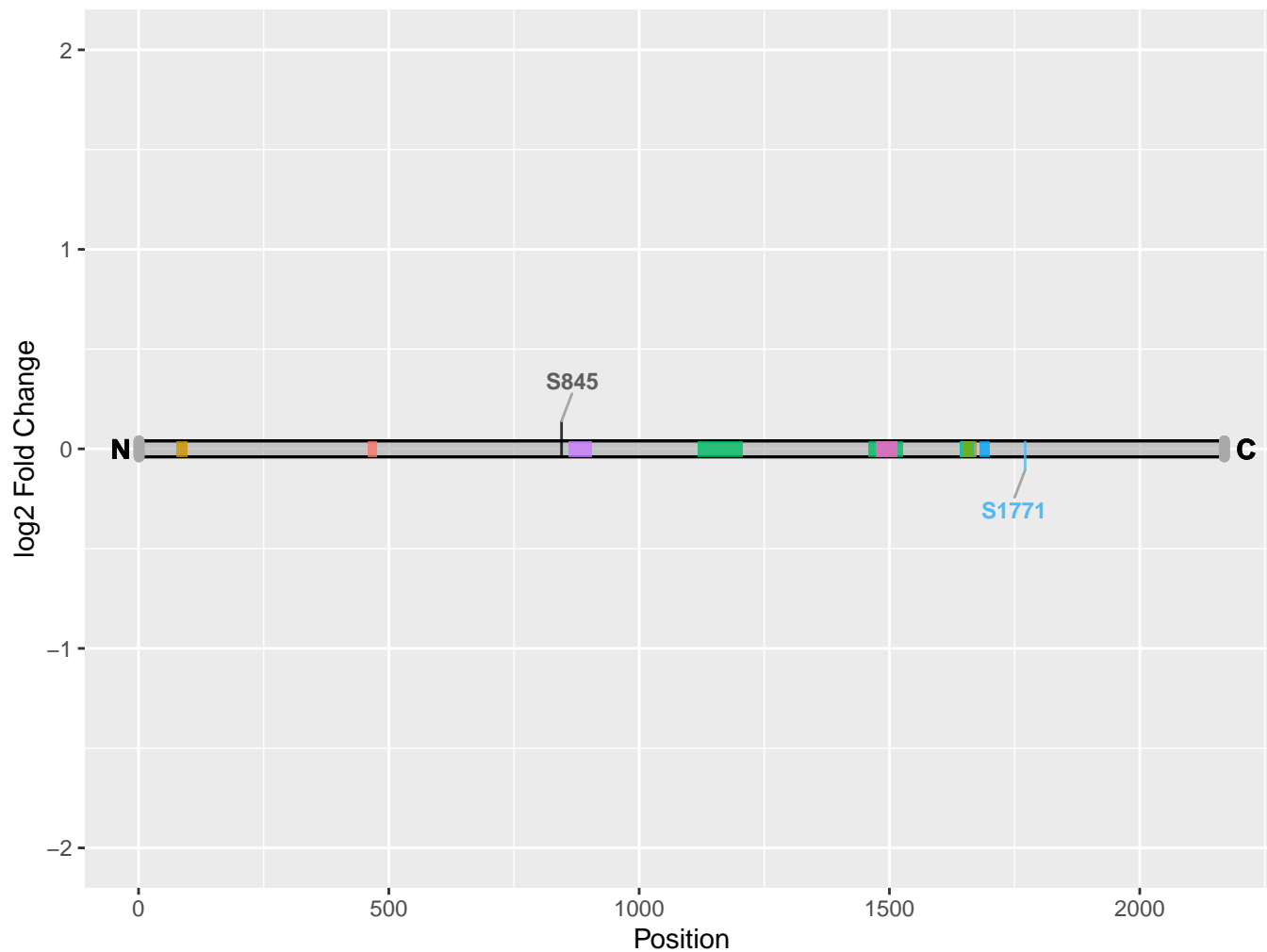
Voltage-dependent N-type calcium channel subunit alpha



Cacna1c

Uniprot Accession: P22002

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



Regulation:

- SV-cycling-dependent
- not-affected

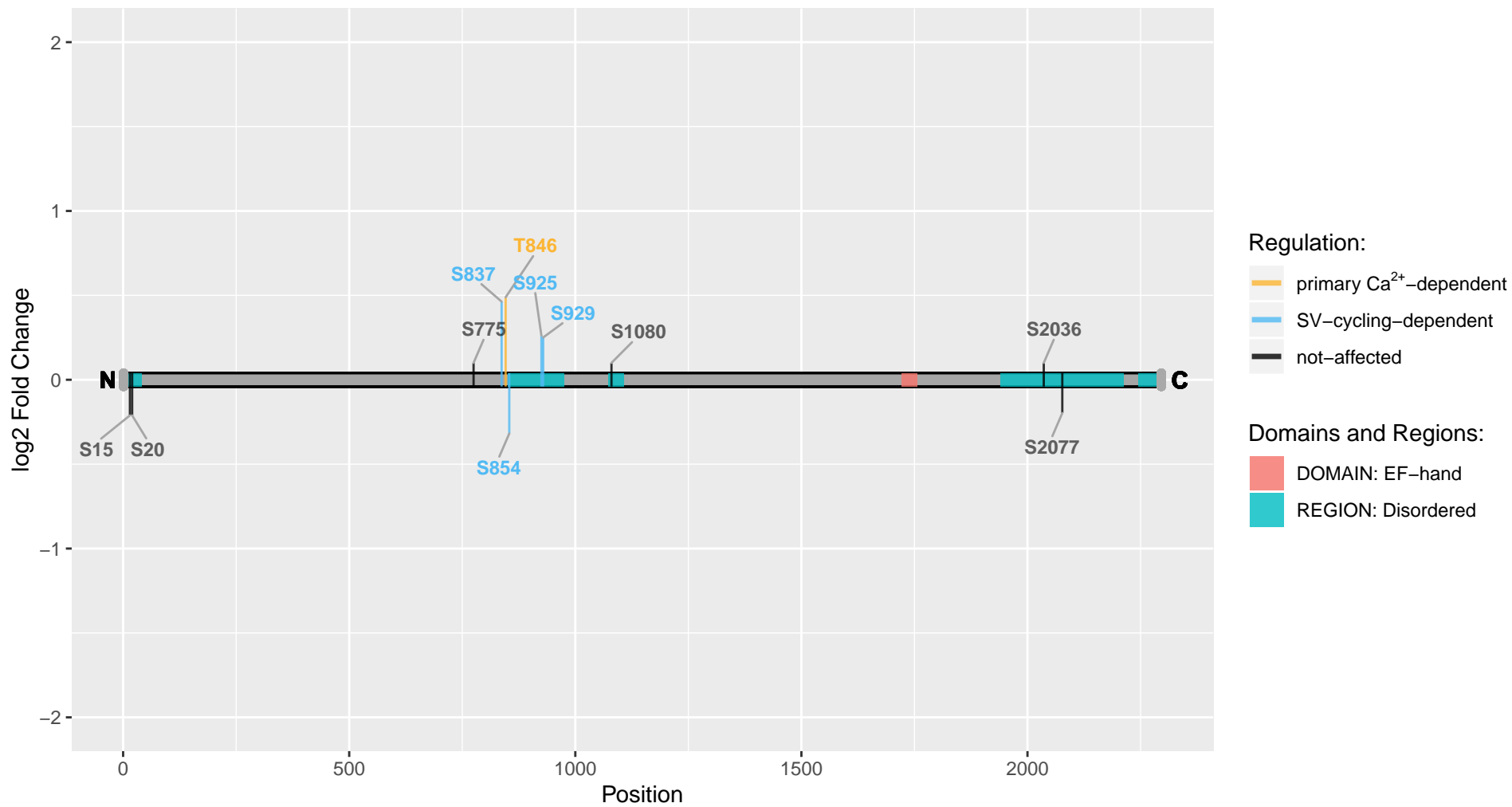
Domains and Regions:

- 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

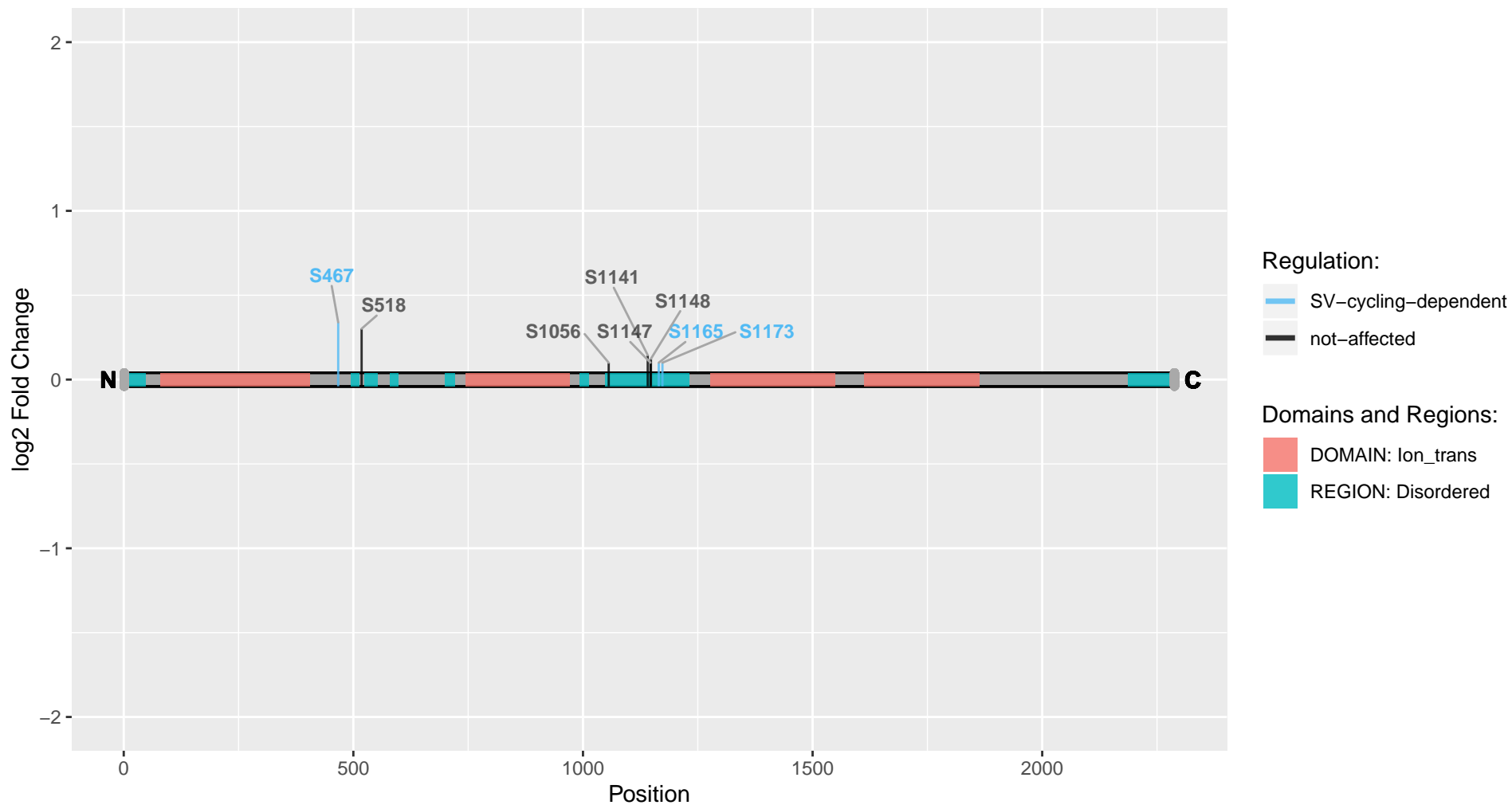
Voltage-dependent R-type calcium channel subunit alpha



Cacna1g

Uniprot Accession: Q9WUB8

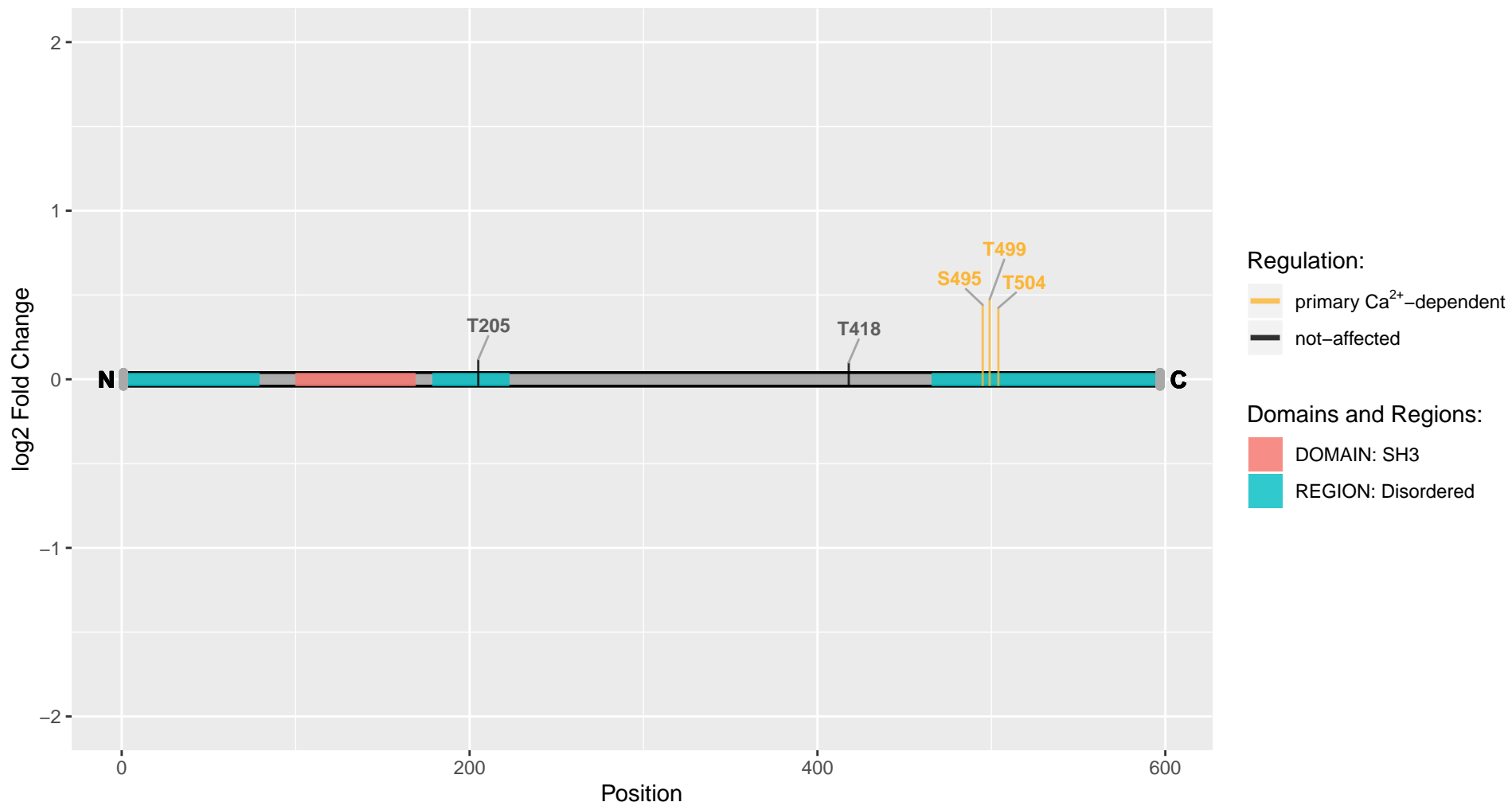
Voltage-dependent T-type calcium channel subunit alpha



Cacnb1

Uniprot Accession: G3V6K8

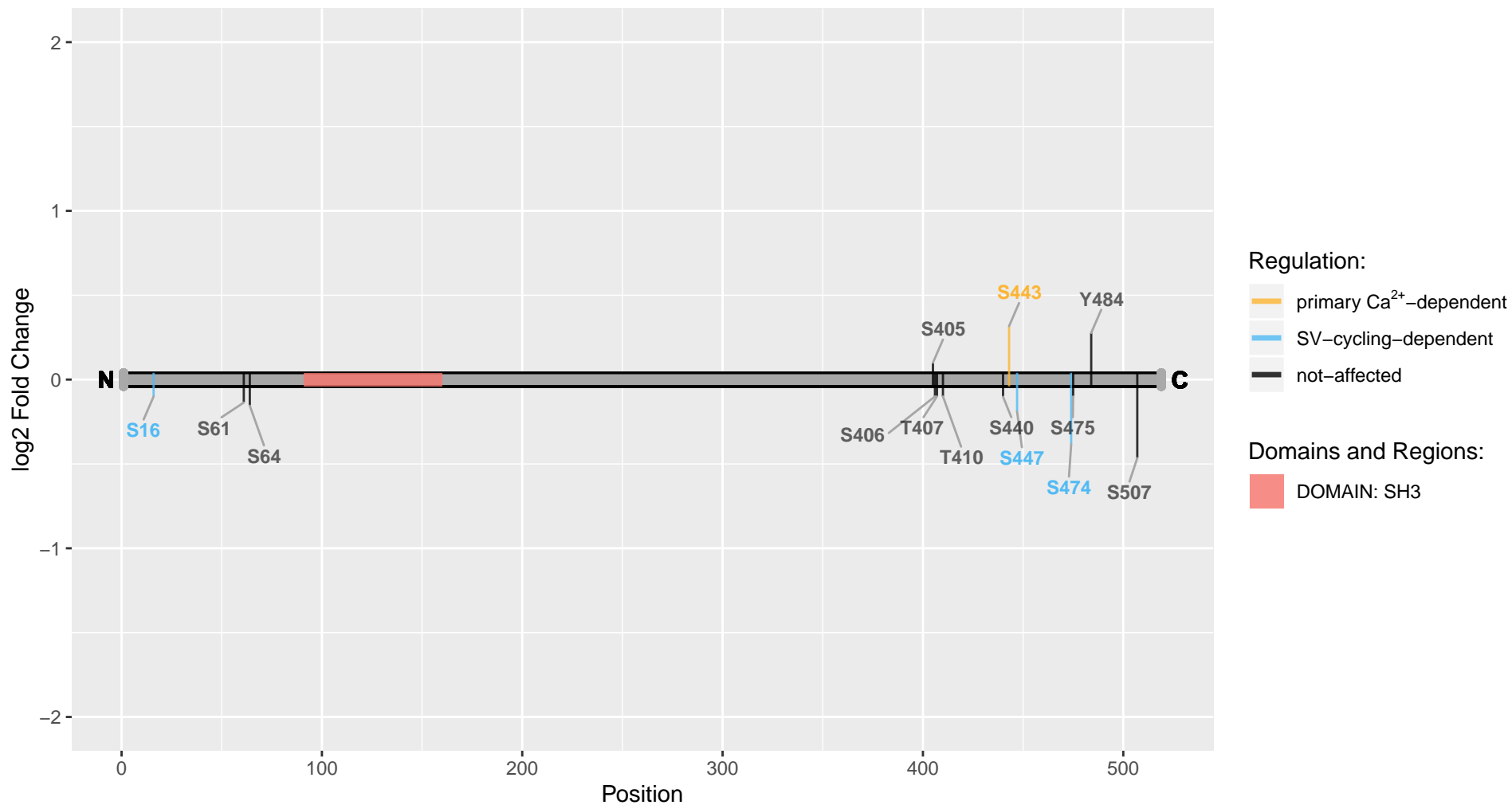
Calcium channel, voltage-dependent, beta 1 subunit, isoform CRA_a



Cacnb4

Uniprot Accession: D4A055

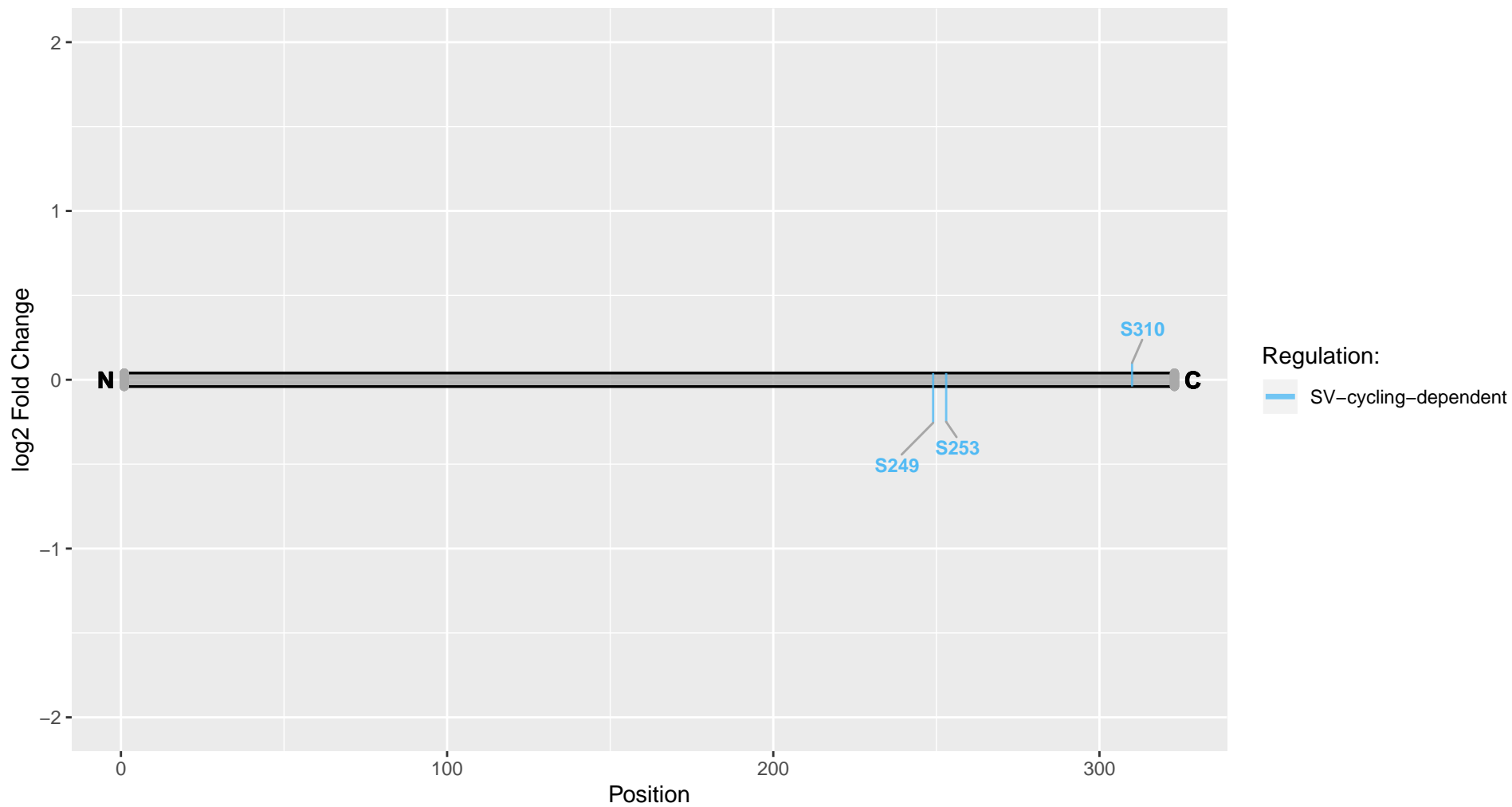
Voltage-dependent L-type calcium channel subunit beta-4



Cacng2

Uniprot Accession: Q71RJ2

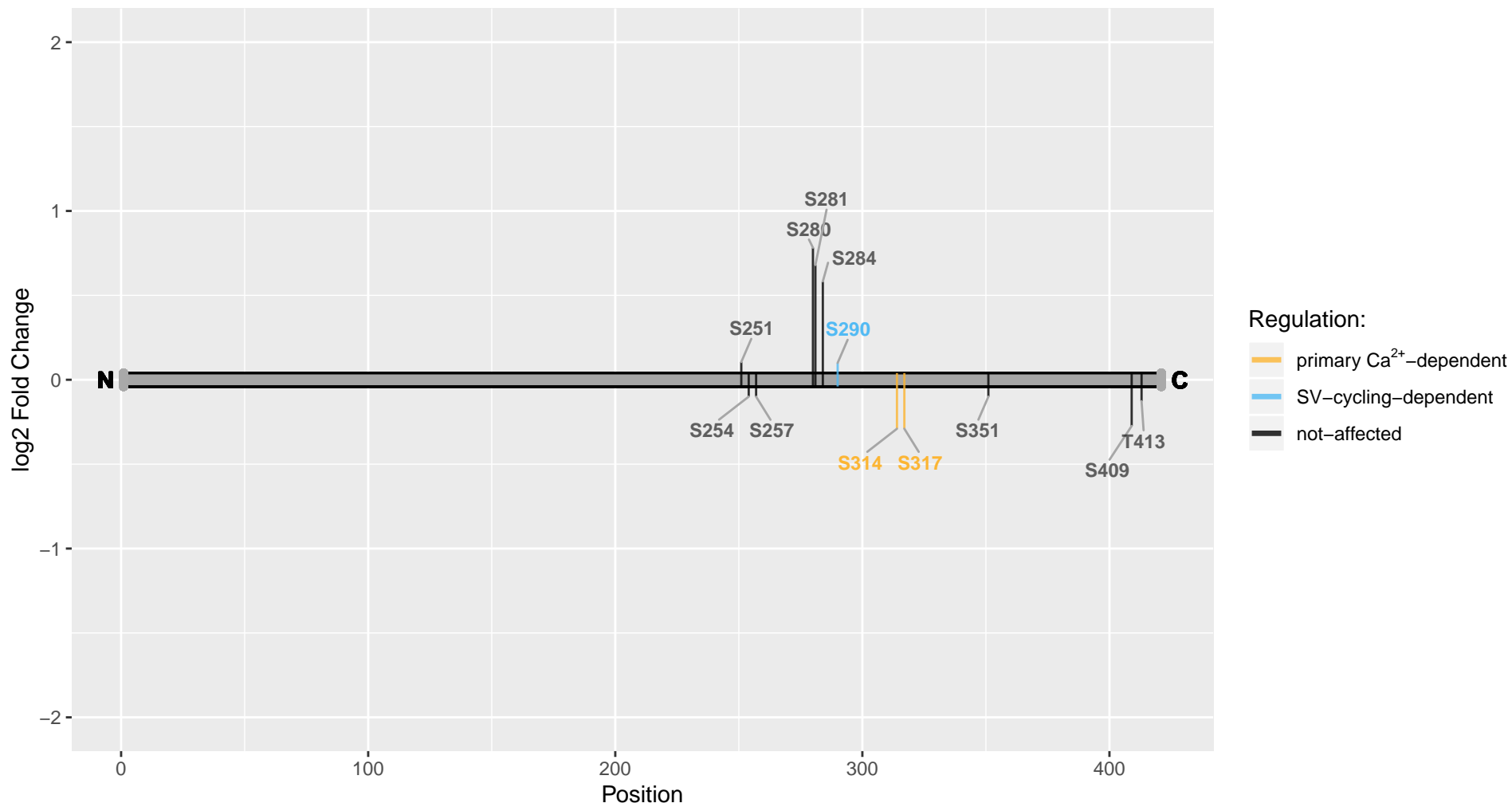
Voltage-dependent calcium channel gamma-2 subunit



Cacng8

Uniprot Accession: Q8VHW5

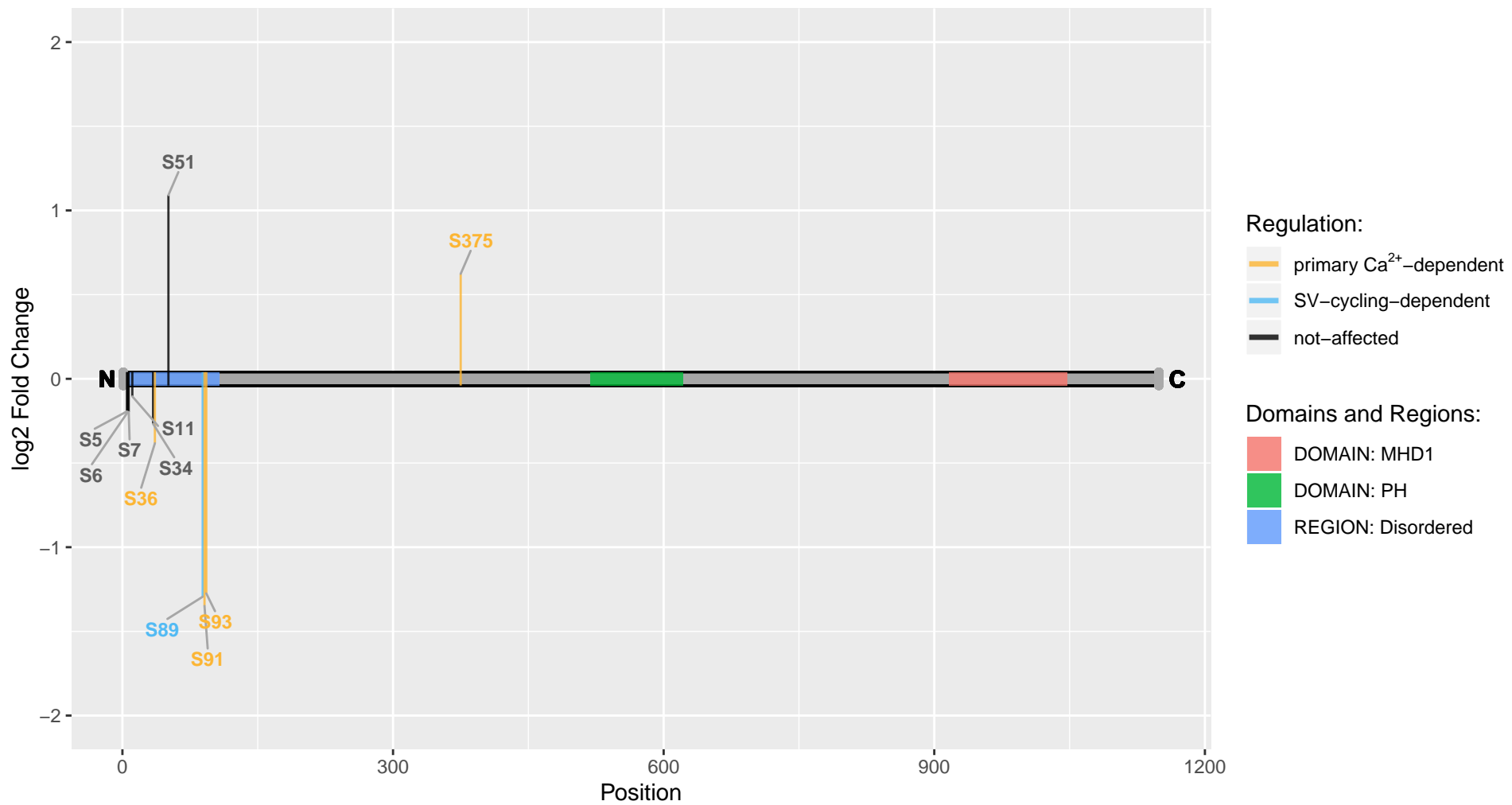
Voltage-dependent calcium channel gamma-8 subunit



Cadps

Uniprot Accession: F1LLX6

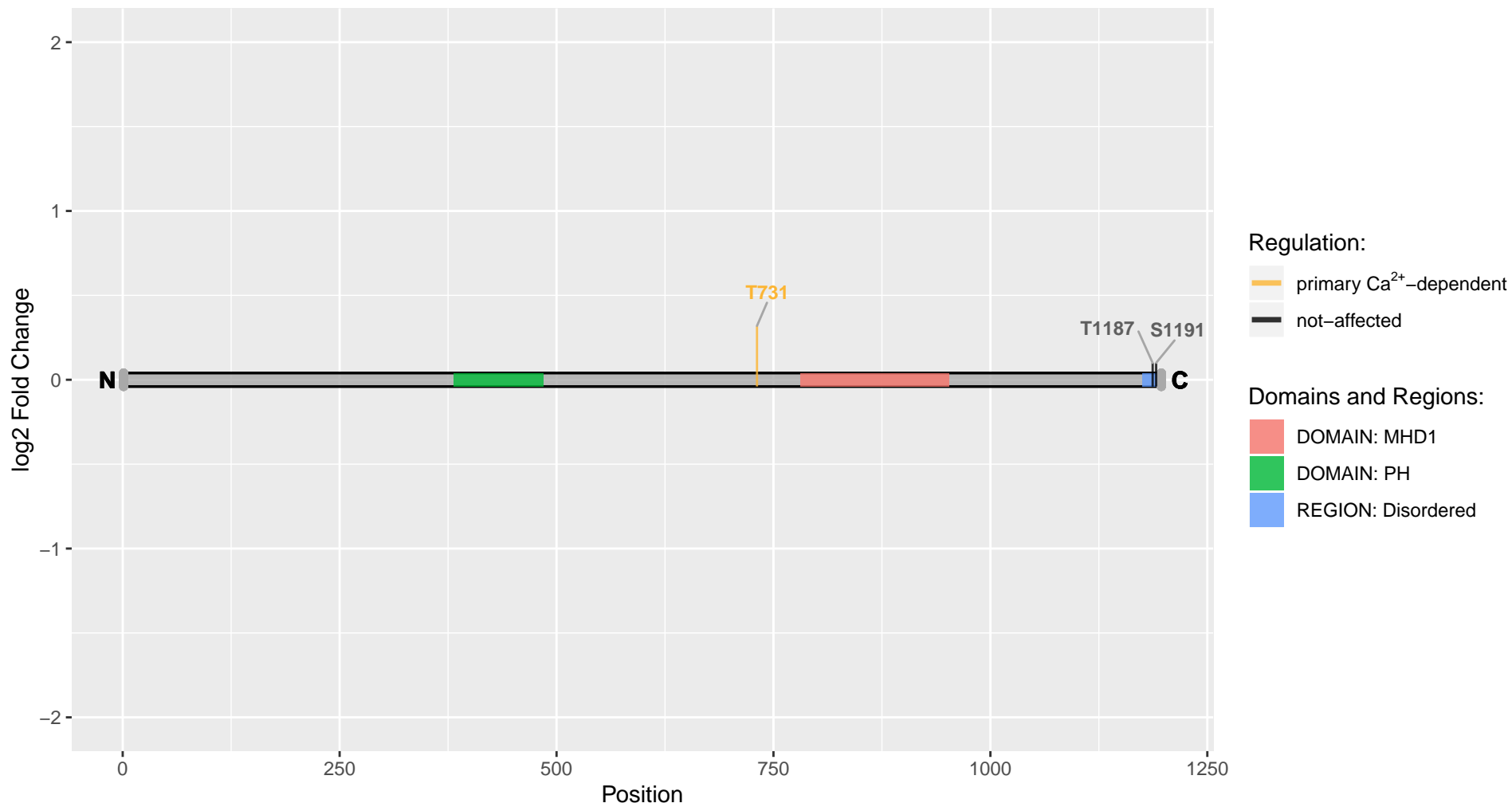
Calcium-dependent secretion activator 1



Cadps2

Uniprot Accession: F1LWT1

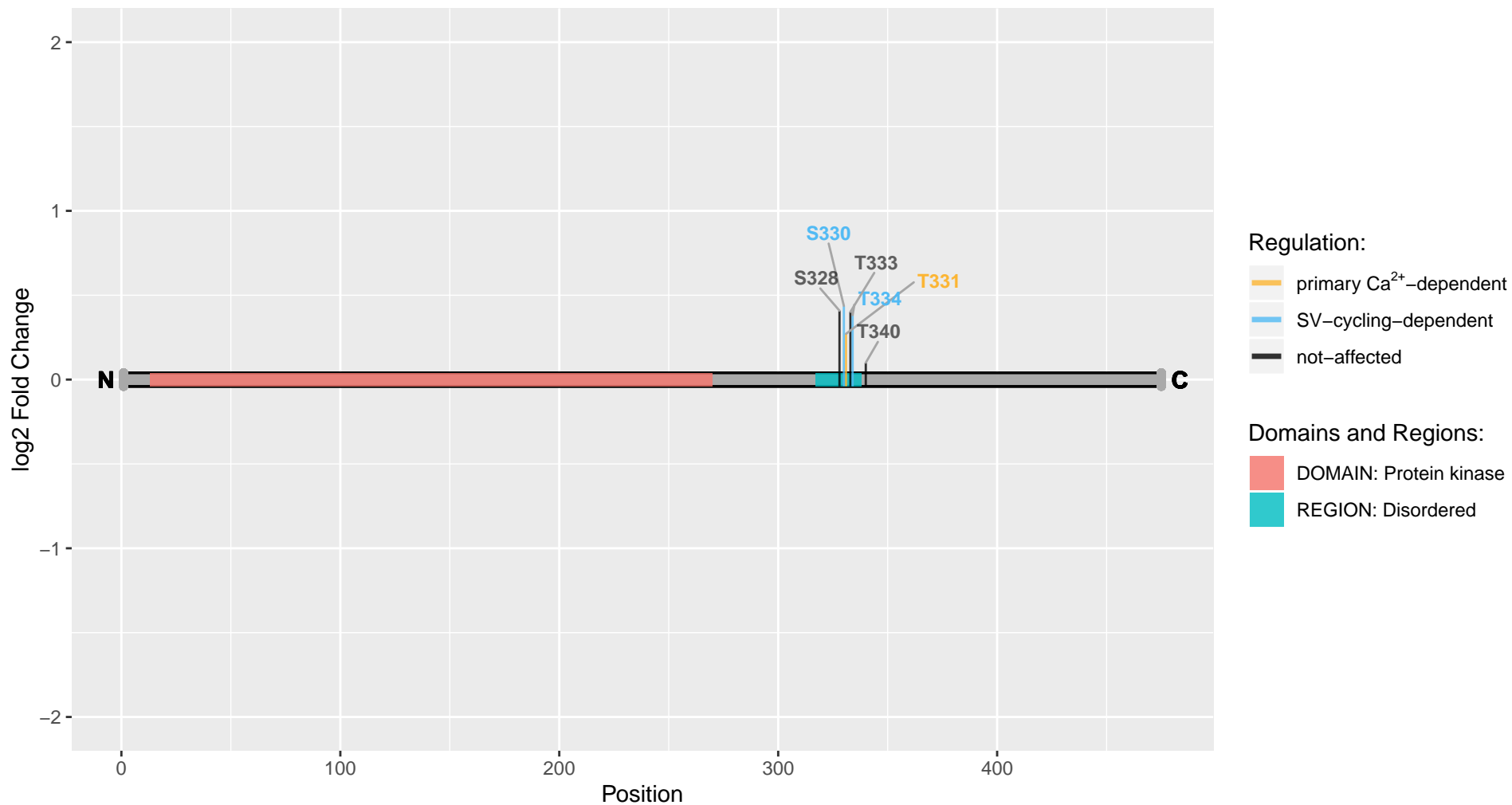
Calcium-dependent secretion activator 2



Camk2a

Uniprot Accession: F1LZG4

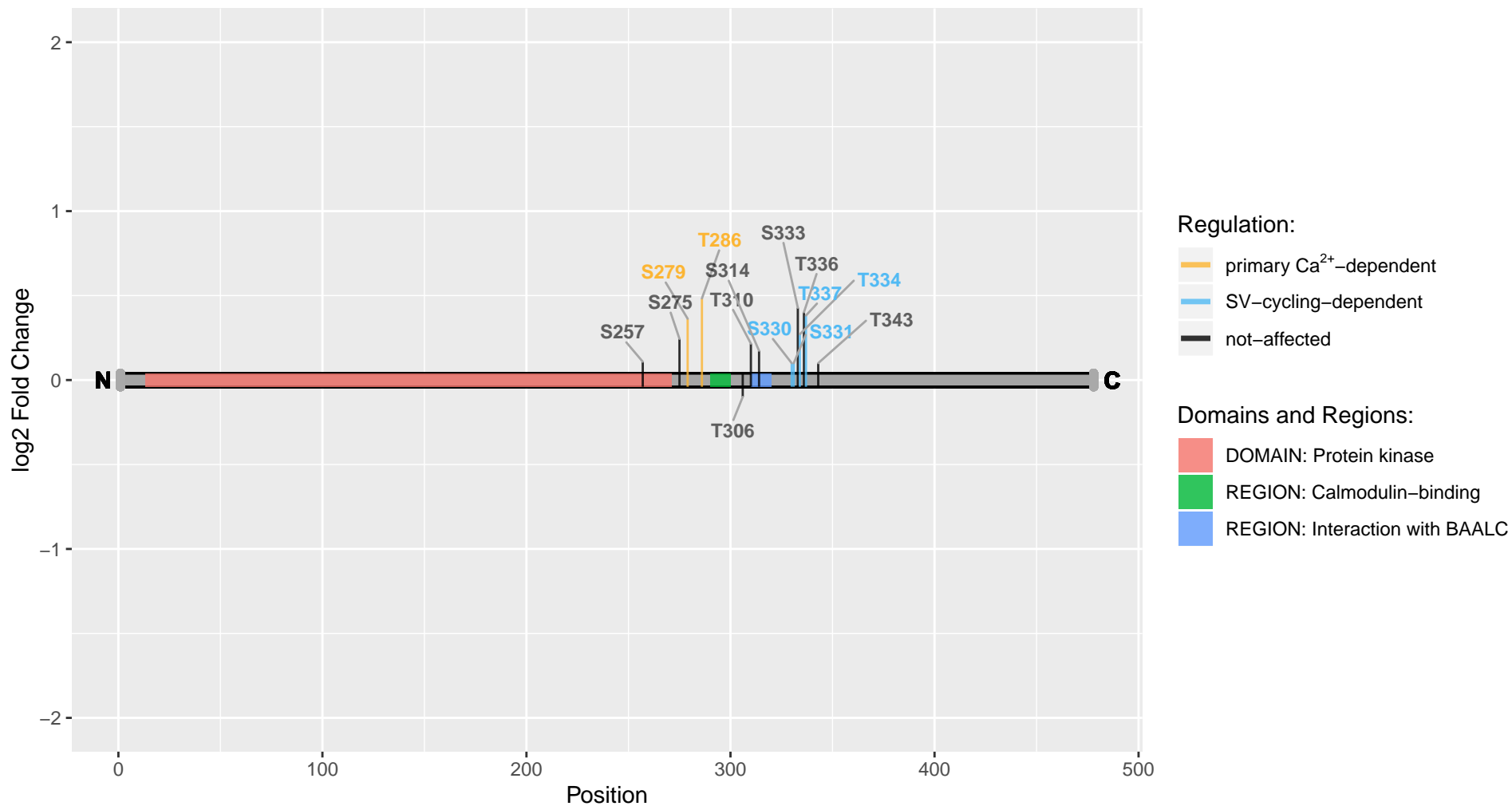
Calcium/calmodulin-dependent protein kinase type II subunit alpha



Camk2a

Uniprot Accession: P11275

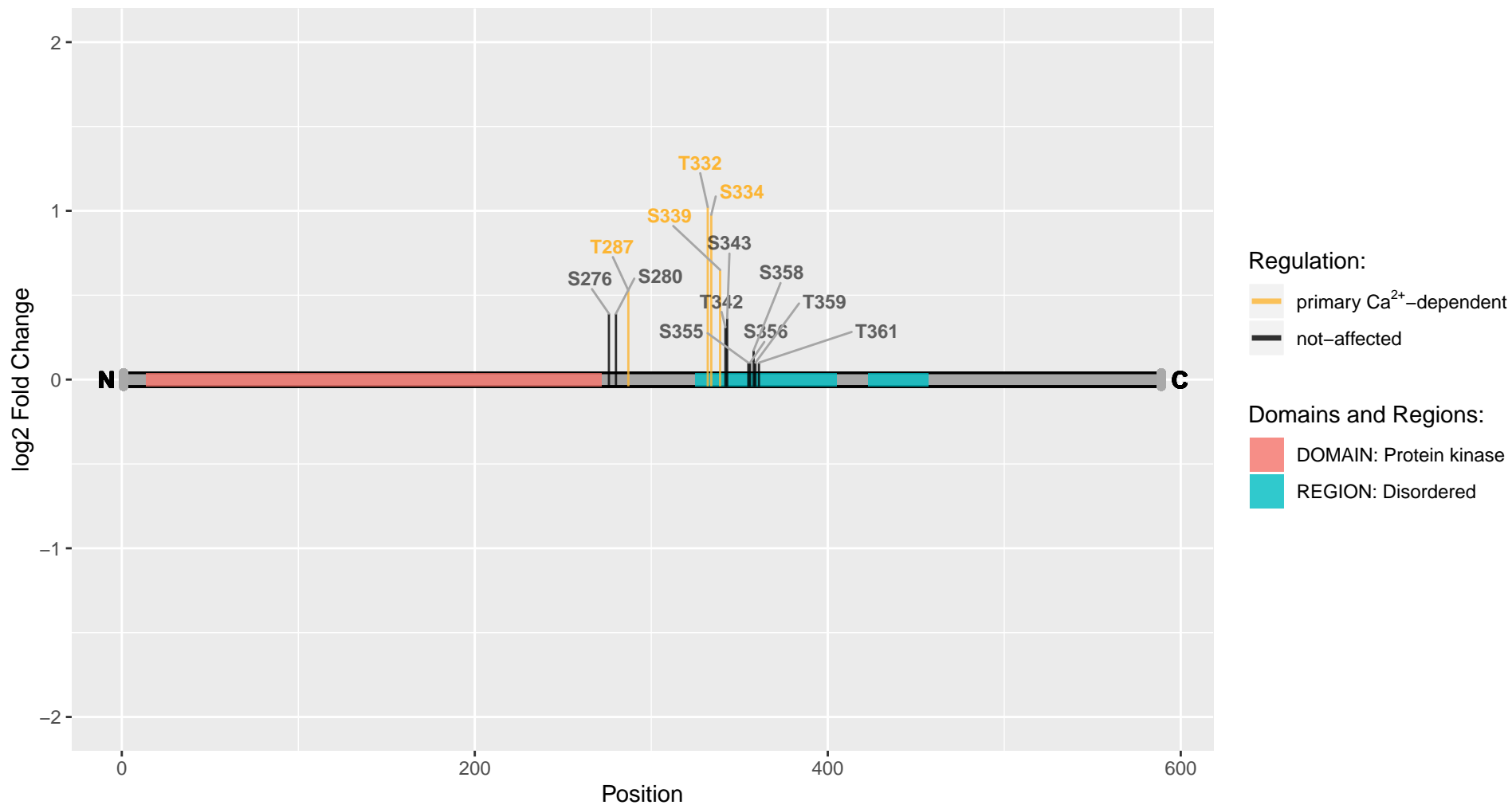
Calcium/calmodulin-dependent protein kinase type II subunit alpha



Camk2b

Uniprot Accession: F1LNI8

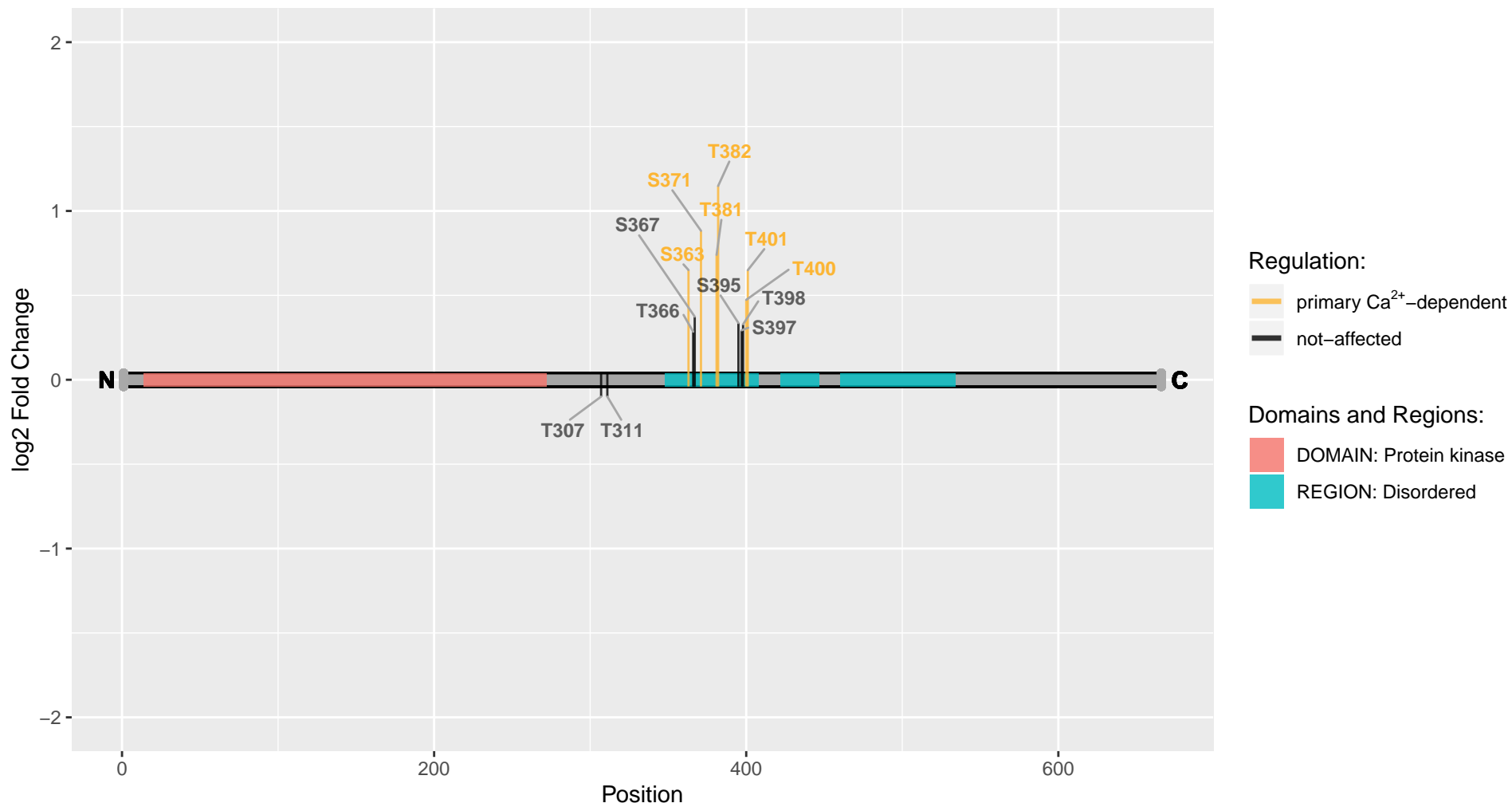
Calcium/calmodulin-dependent protein kinase type II subunit beta



Camk2b

Uniprot Accession: F1LUE2

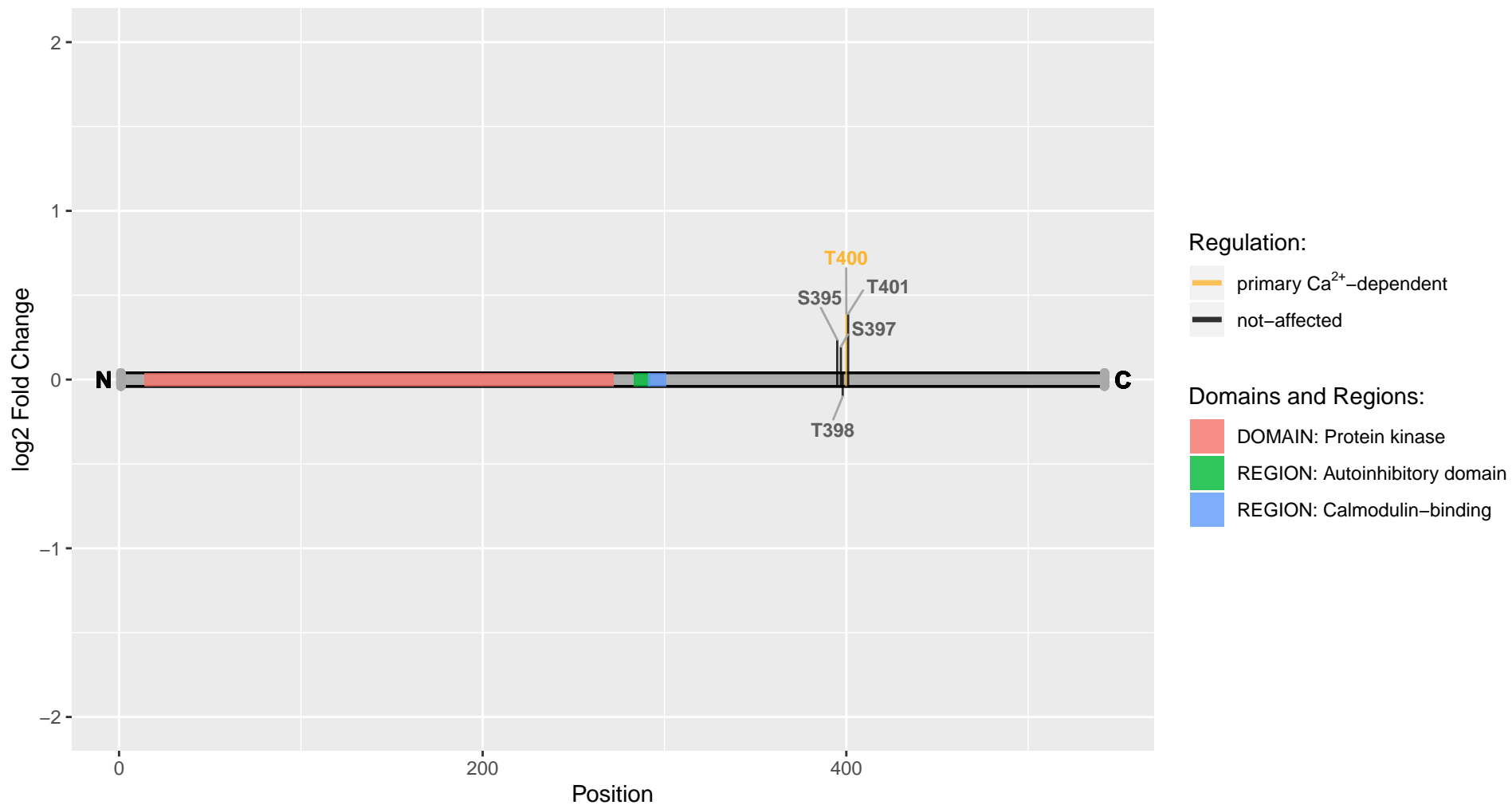
Calcium/calmodulin-dependent protein kinase II, beta, isoform CRA_c



Camk2b

Uniprot Accession: P08413

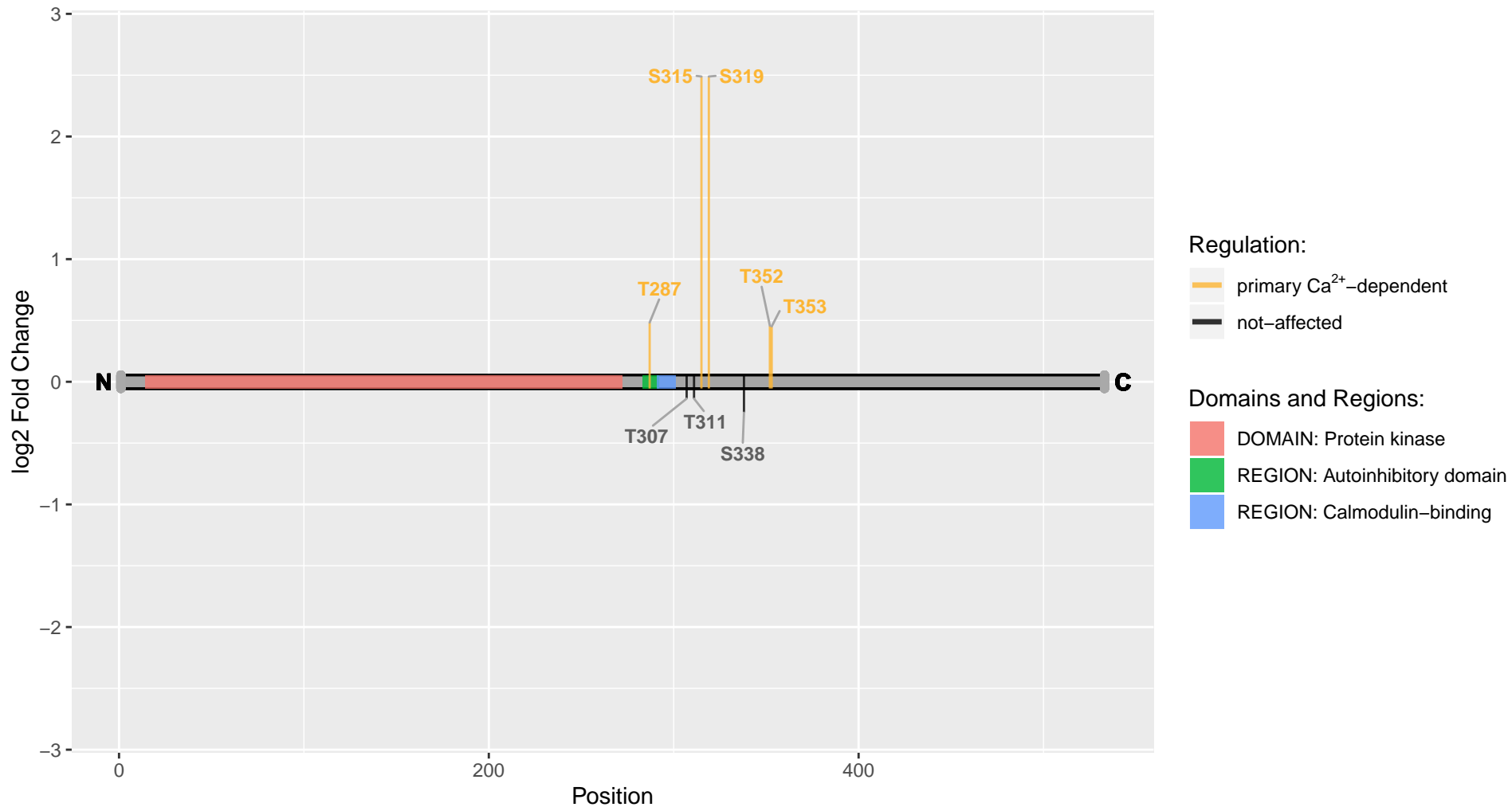
Calcium/calmodulin-dependent protein kinase type II subunit beta



Camk2d

Uniprot Accession: P15791

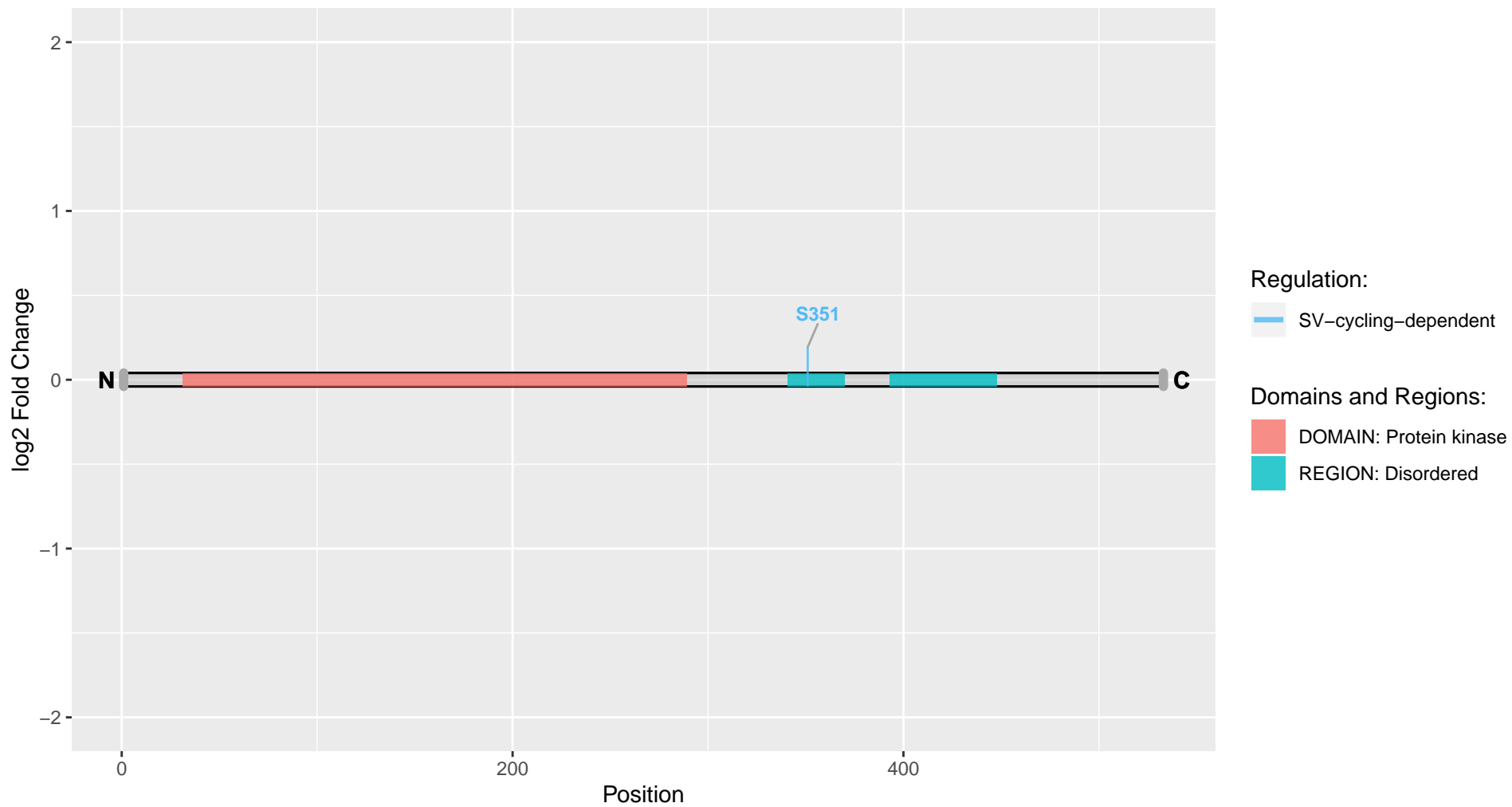
Calcium/calmodulin-dependent protein kinase type II subunit delta



Camk2g

Uniprot Accession: F1M3F8

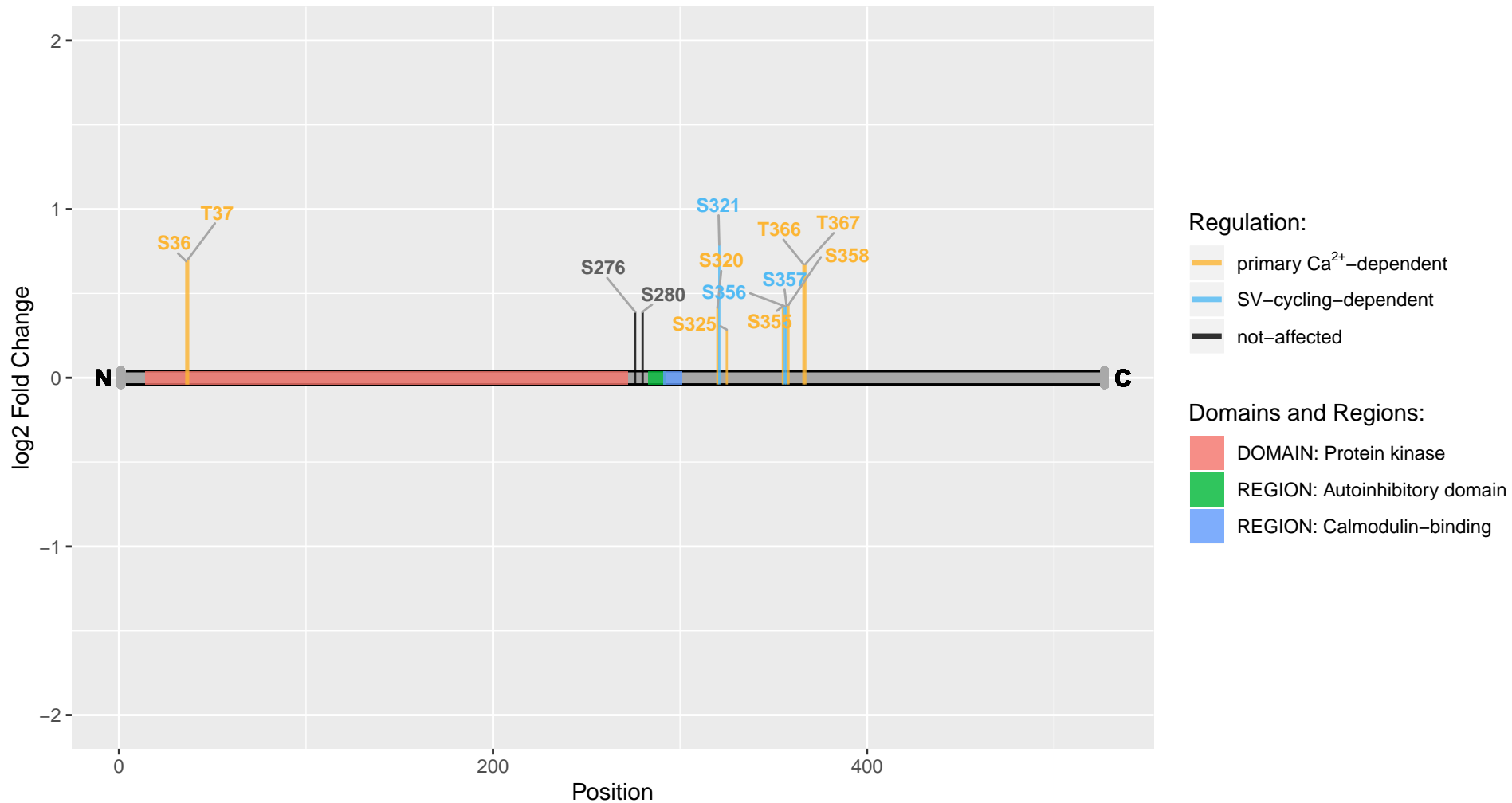
Calcium/calmodulin-dependent protein kinase type II subunit gamma



Camk2g

Uniprot Accession: P11730

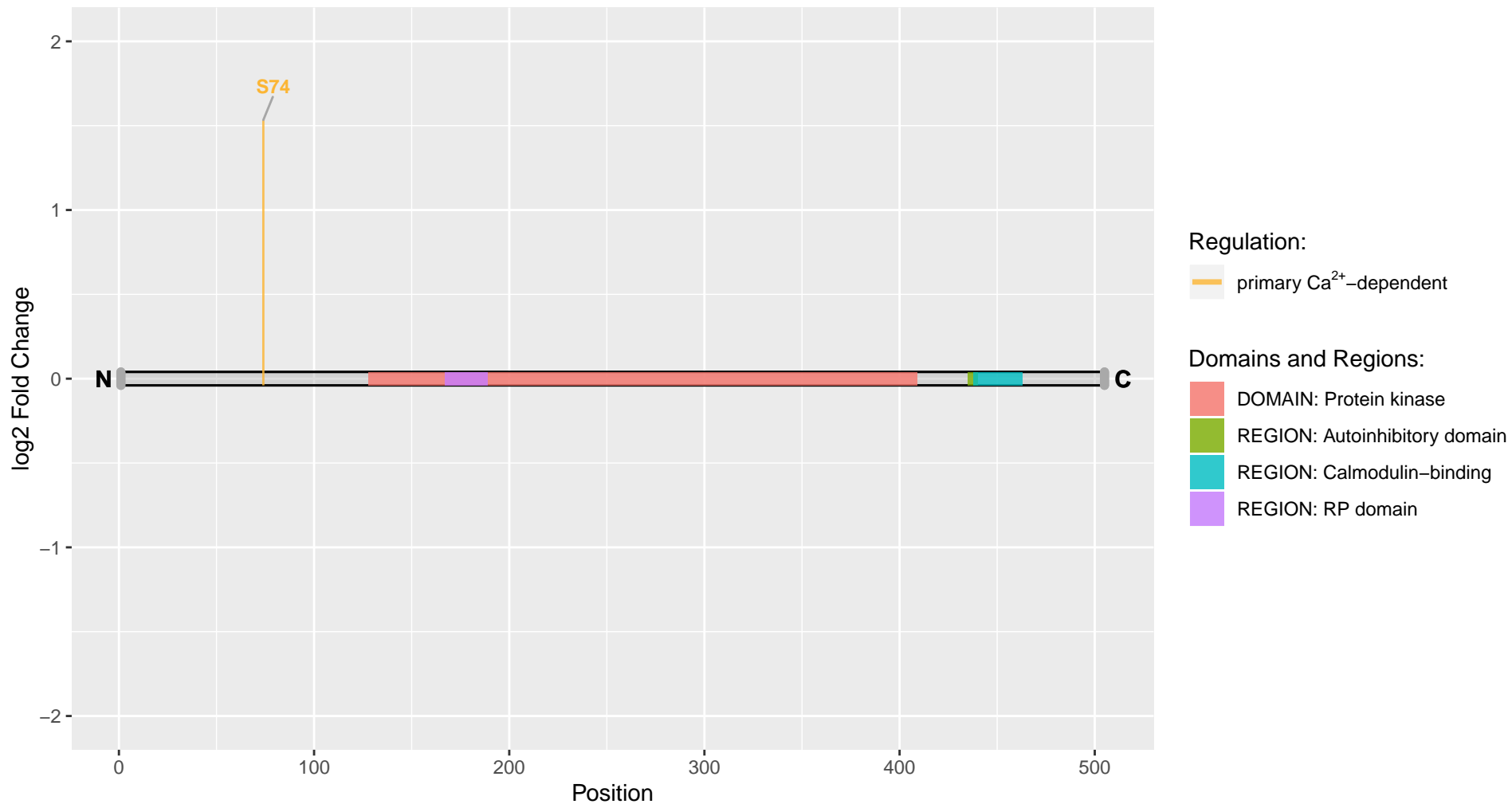
Calcium/calmodulin-dependent protein kinase type II subunit gamma



Camkk1

Uniprot Accession: P97756

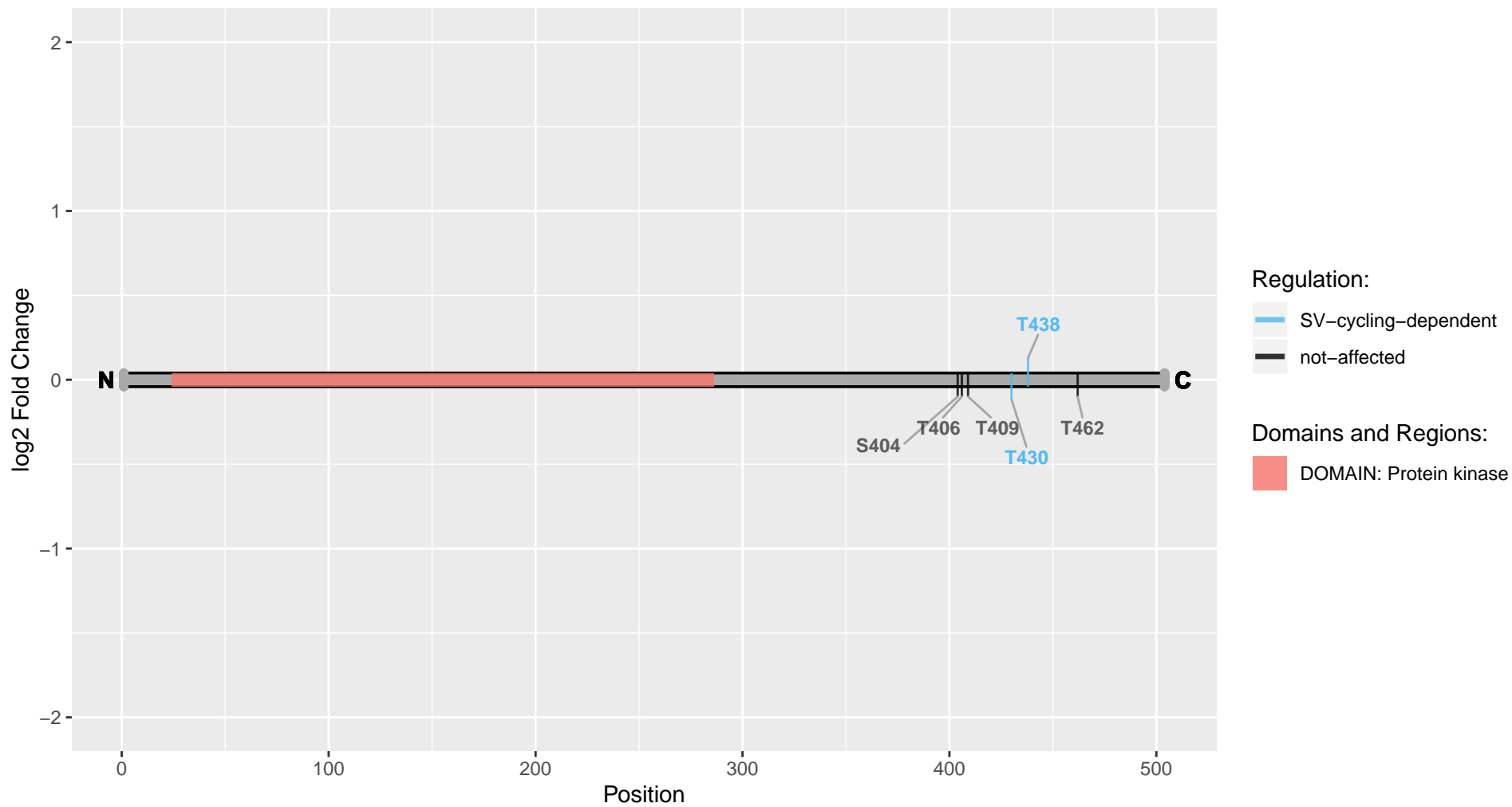
Calcium/calmodulin-dependent protein kinase kinase 1



Camkv

Uniprot Accession: Q63092

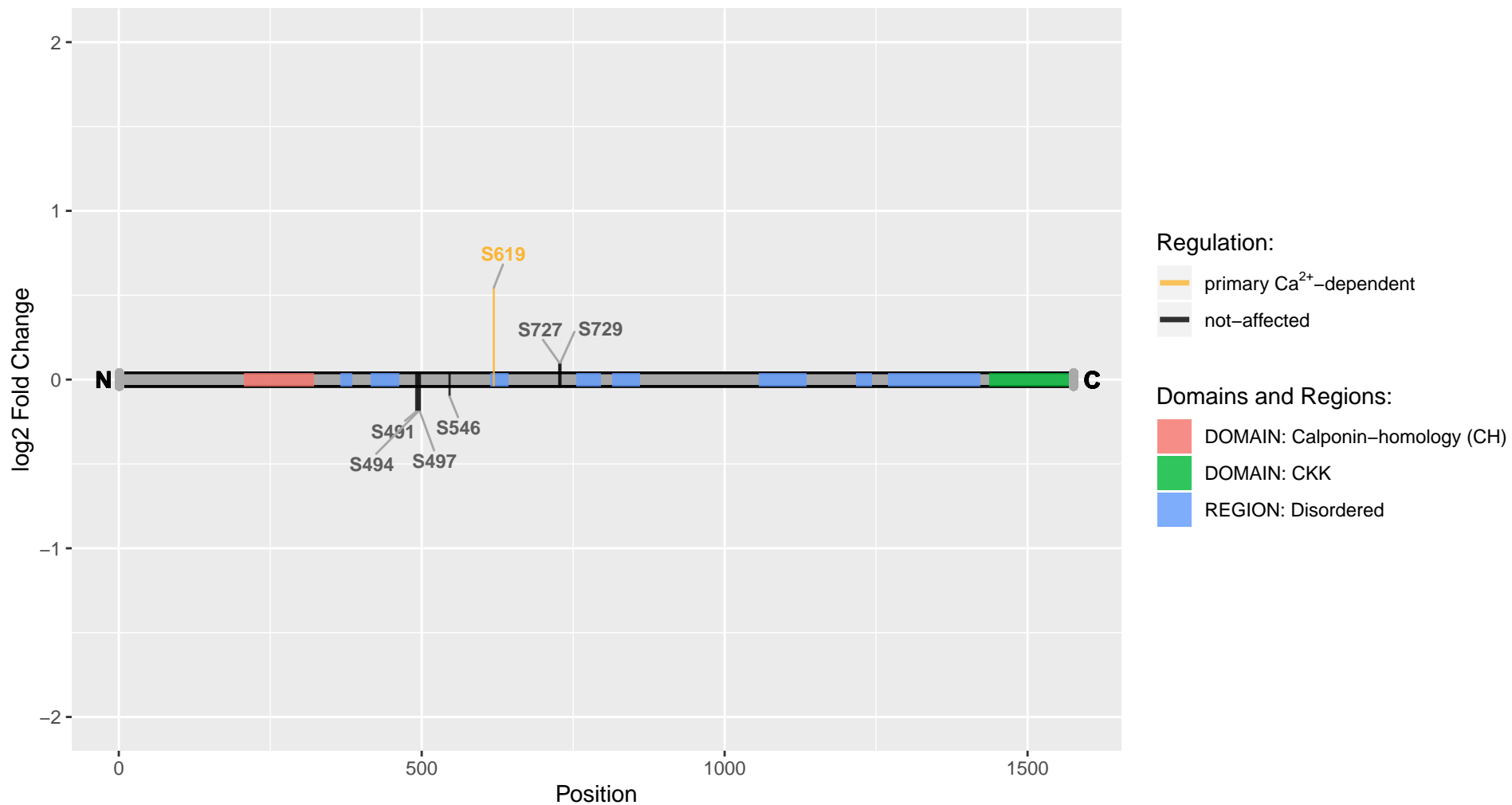
CaM kinase-like vesicle-associated protein



Camsap1

Uniprot Accession: A0A0G2K5T1

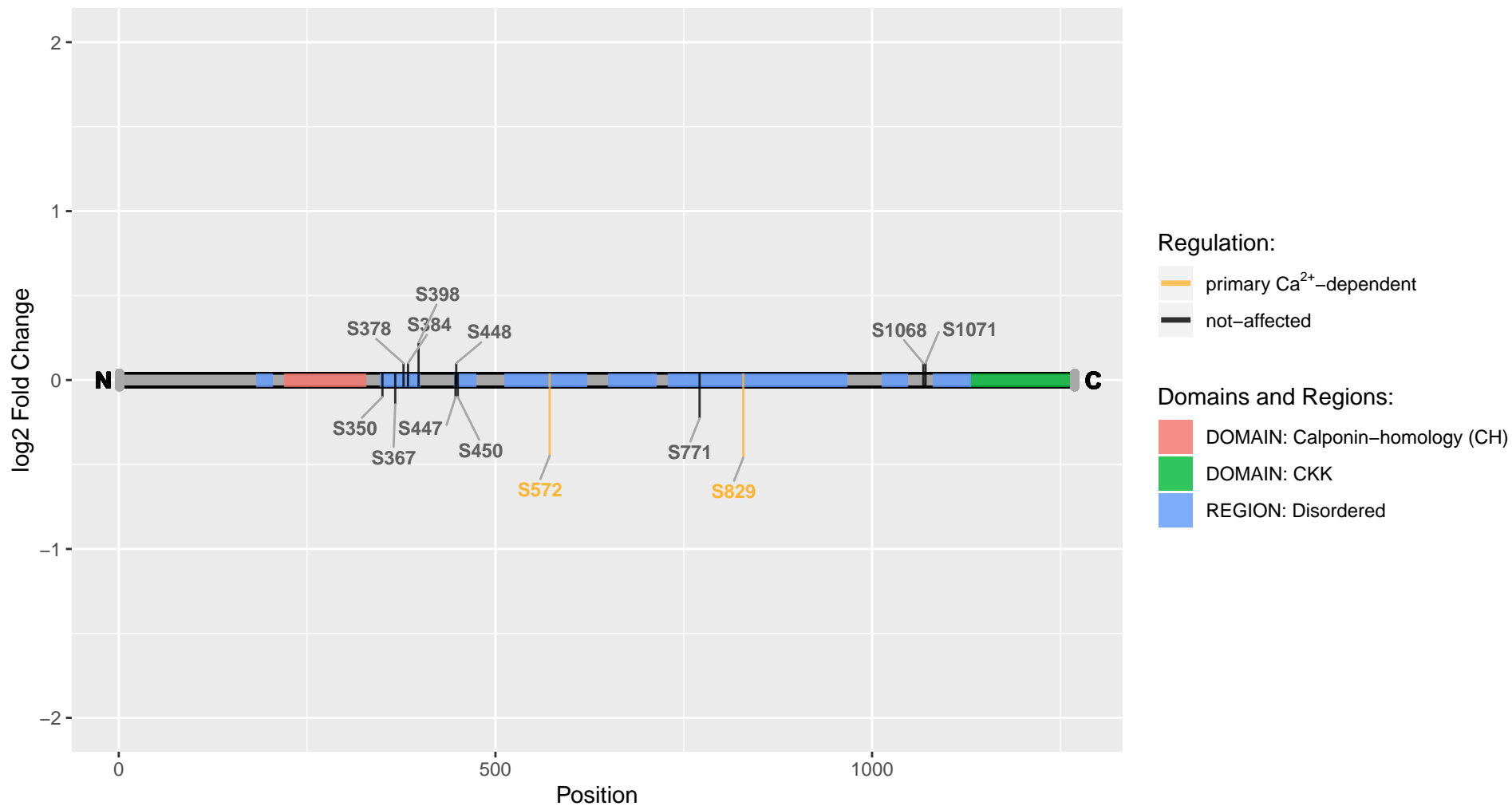
Calmodulin-regulated spectrin-associated protein 1



Camsap3

Uniprot Accession: D3ZXQ2

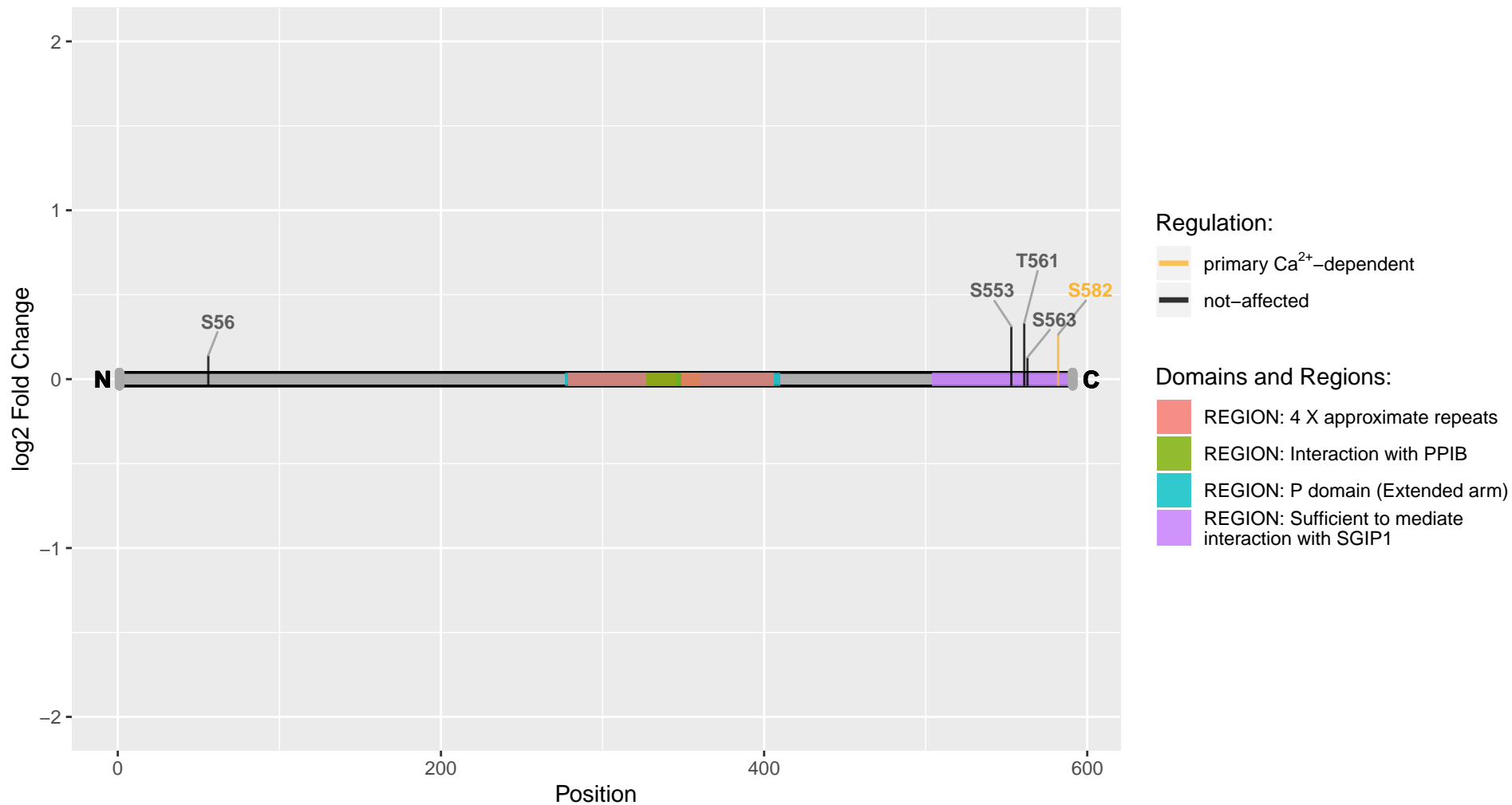
Calmodulin-regulated spectrin-associated protein family, member 3



Canx

Uniprot Accession: P35565

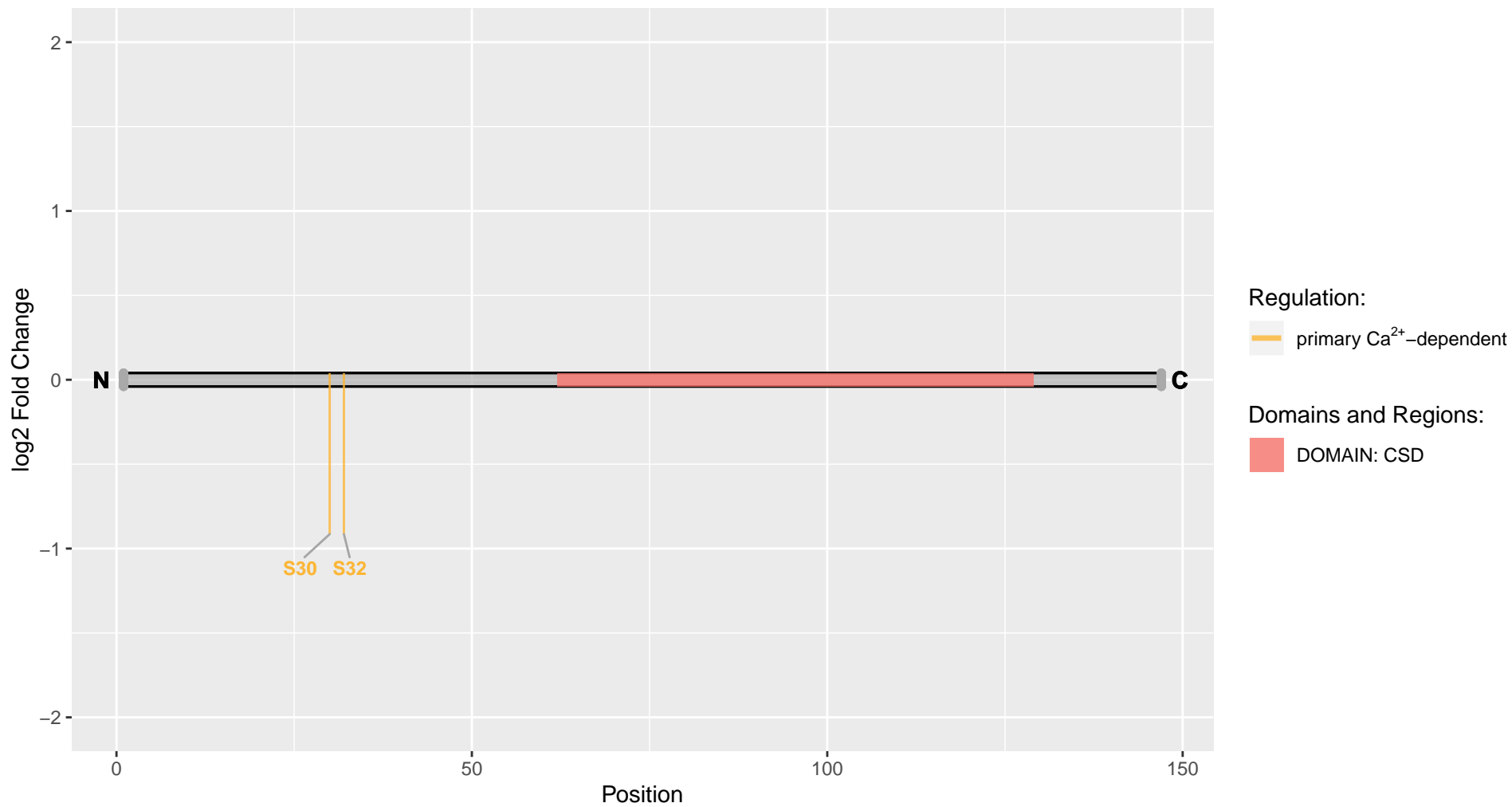
Calnexin



Carhsp1

Uniprot Accession: Q9WU49

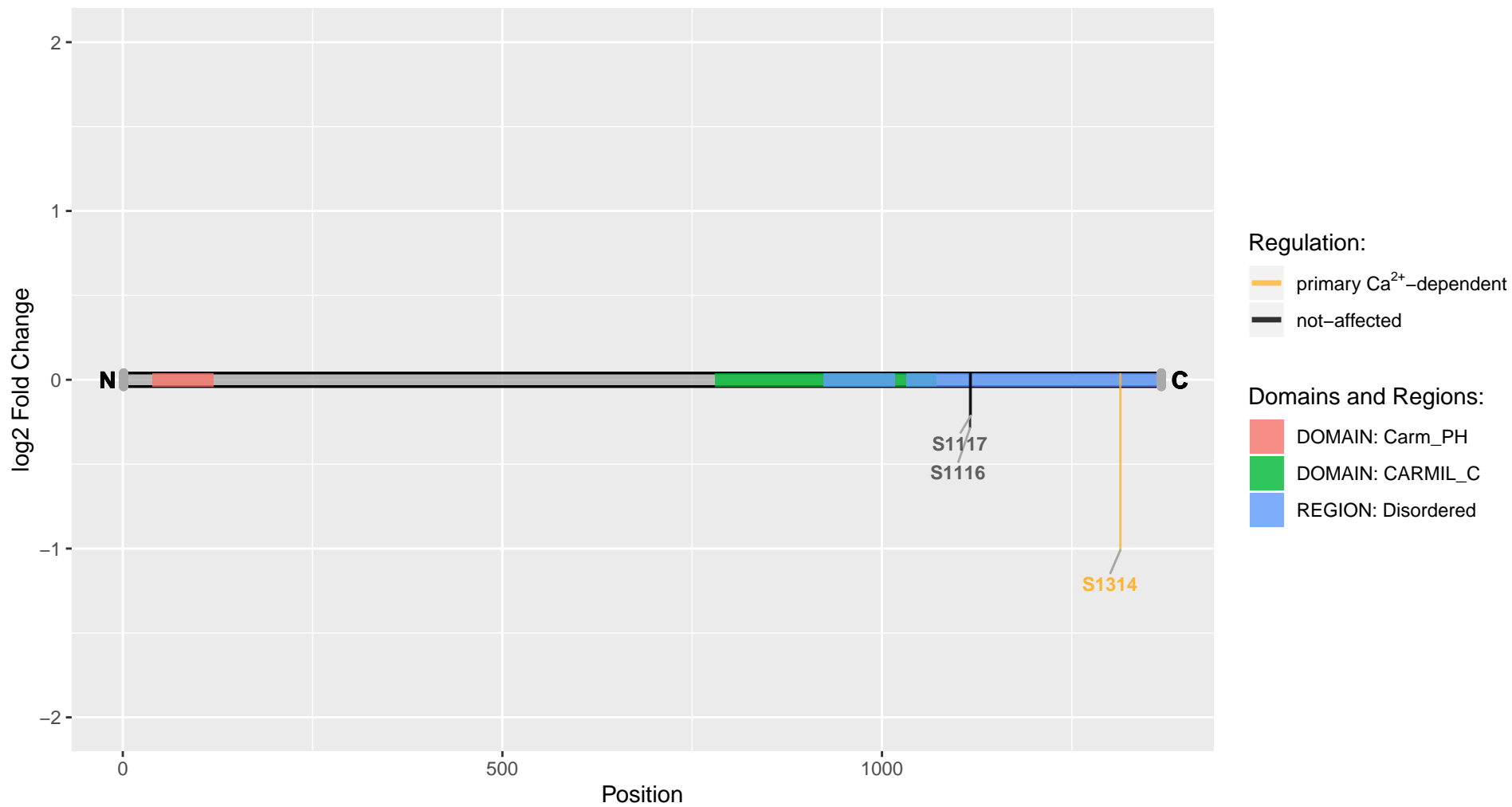
Calcium-regulated heat stable protein 1



Carmil2

Uniprot Accession: D3ZC15

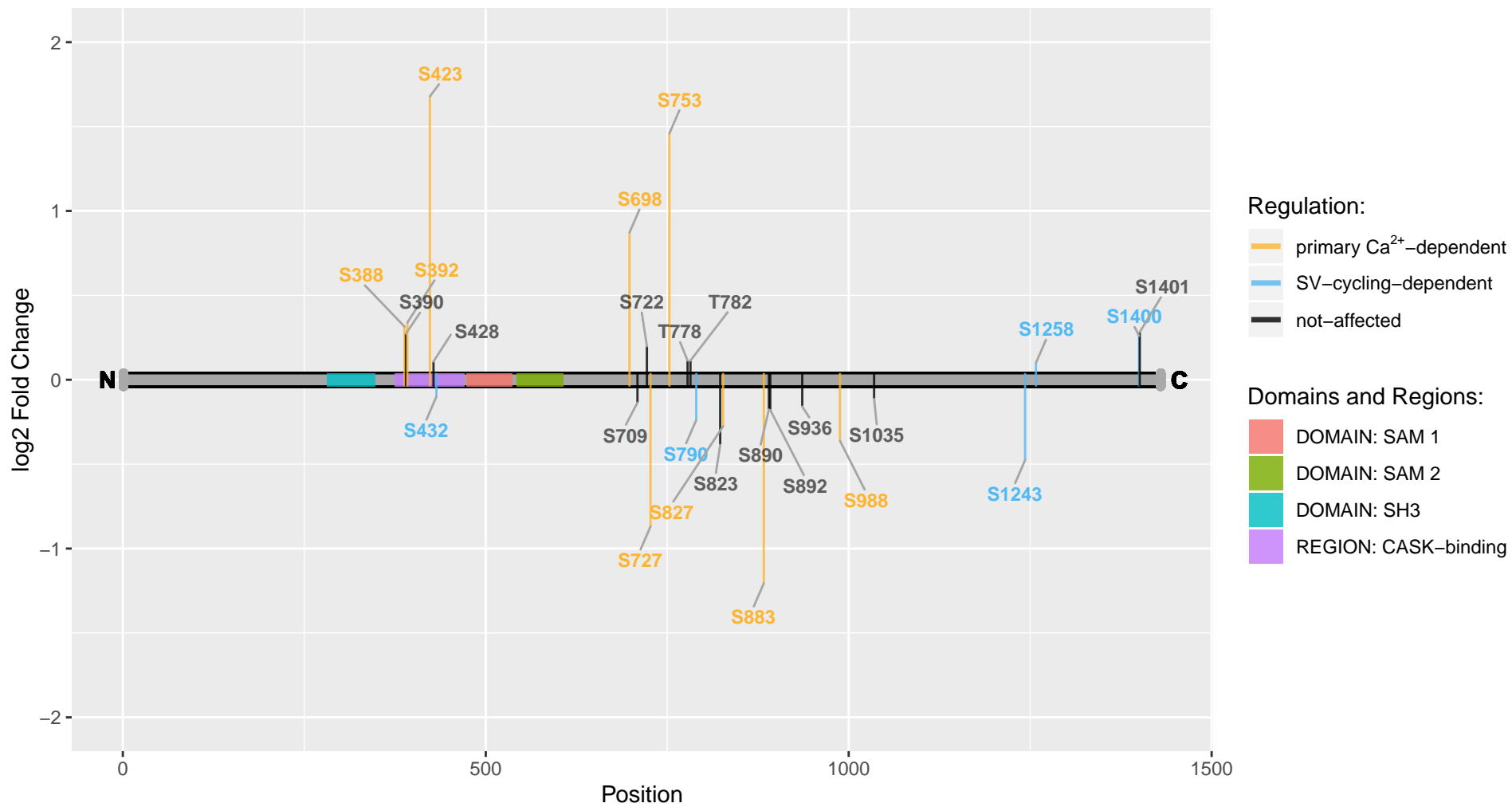
Capping protein regulator and myosin 1 linker 2



Caskin1

Uniprot Accession: Q8VHK2

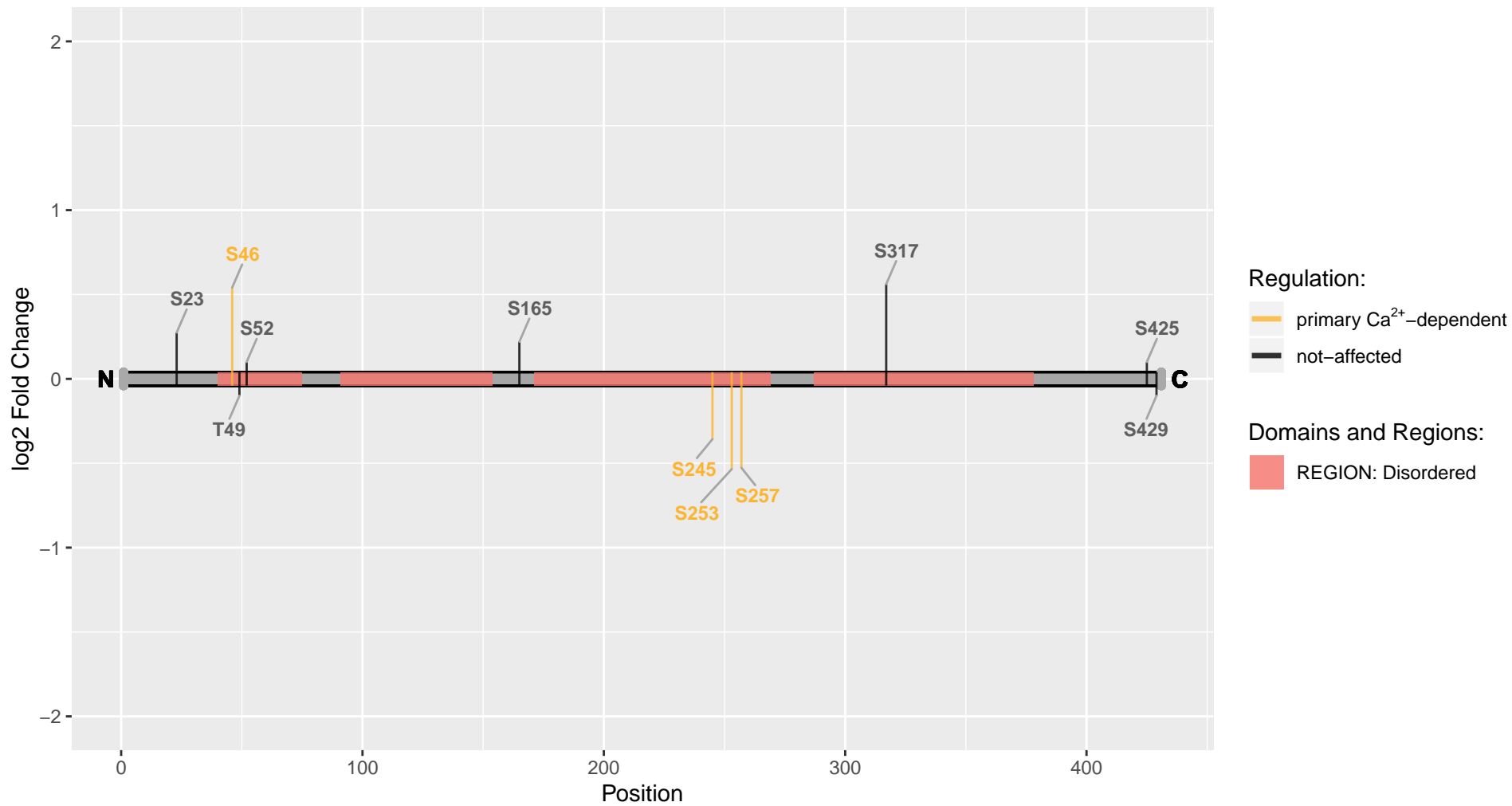
Caskin-1



Cbarp

Uniprot Accession: F1MAS1

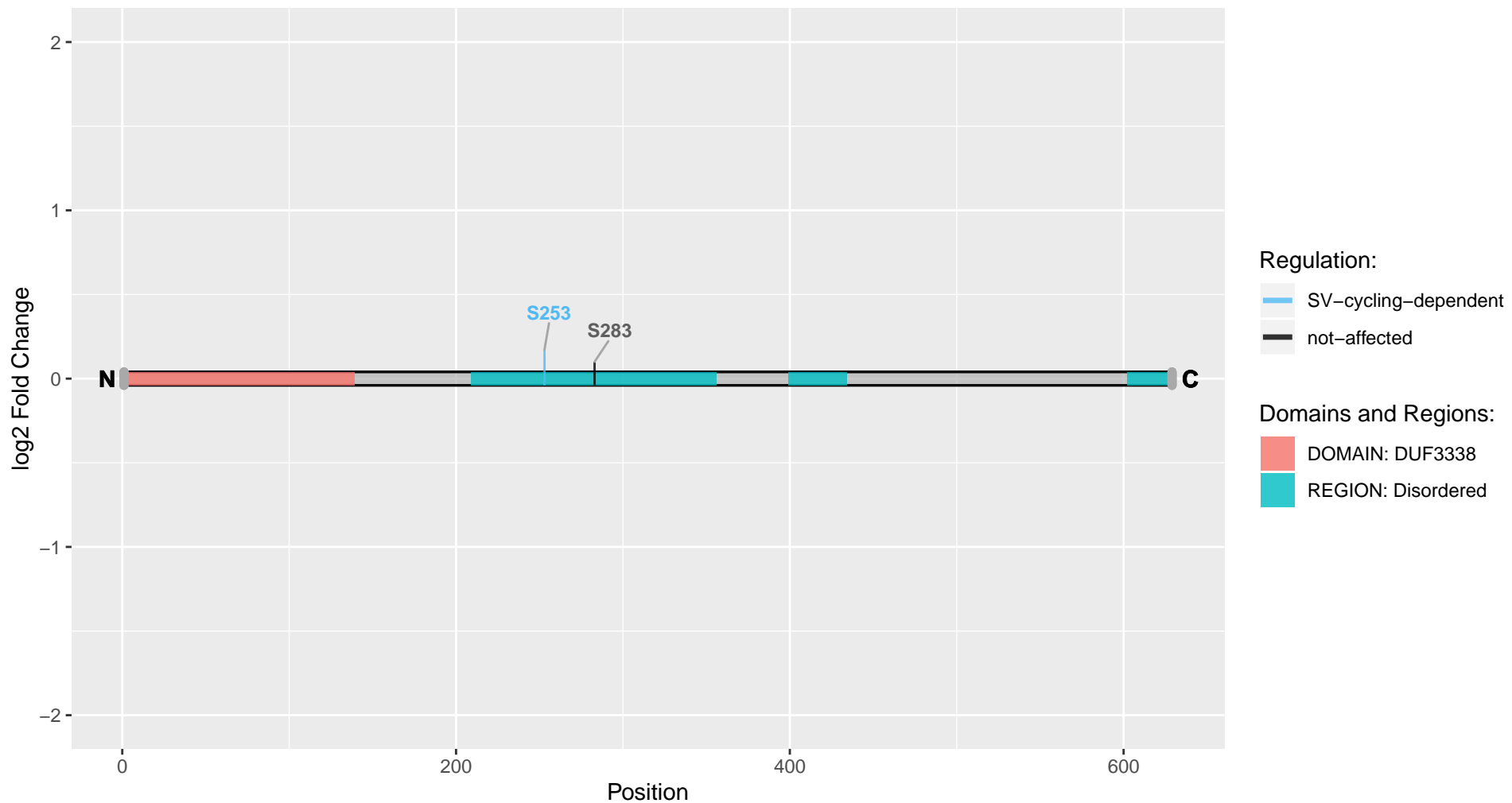
CACN subunit beta-associated regulatory protein



Ccdc120

Uniprot Accession: A0A0G2JUY5

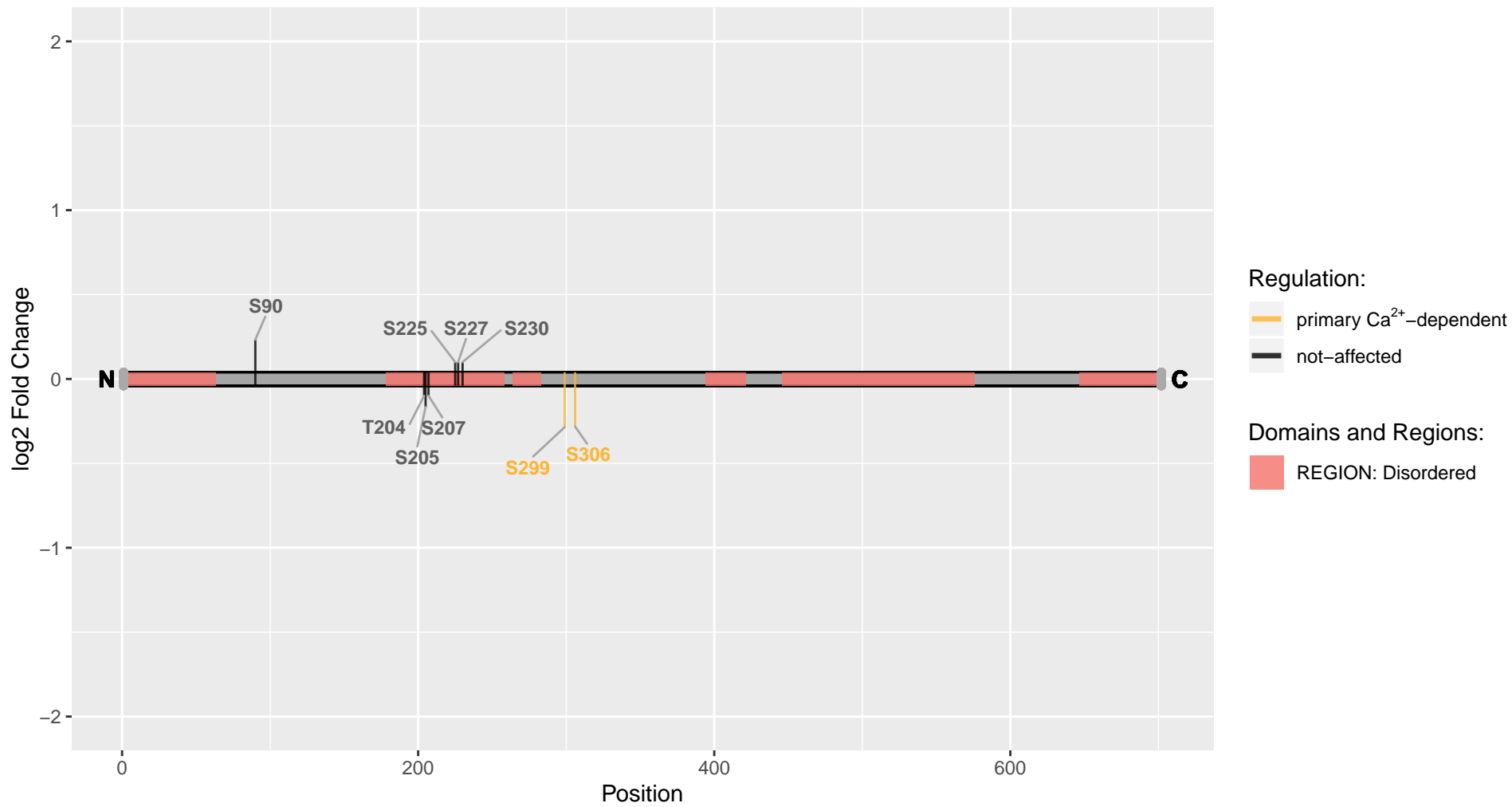
Coiled-coil domain-containing 120



Ccdc177

Uniprot Accession: D4A8V2

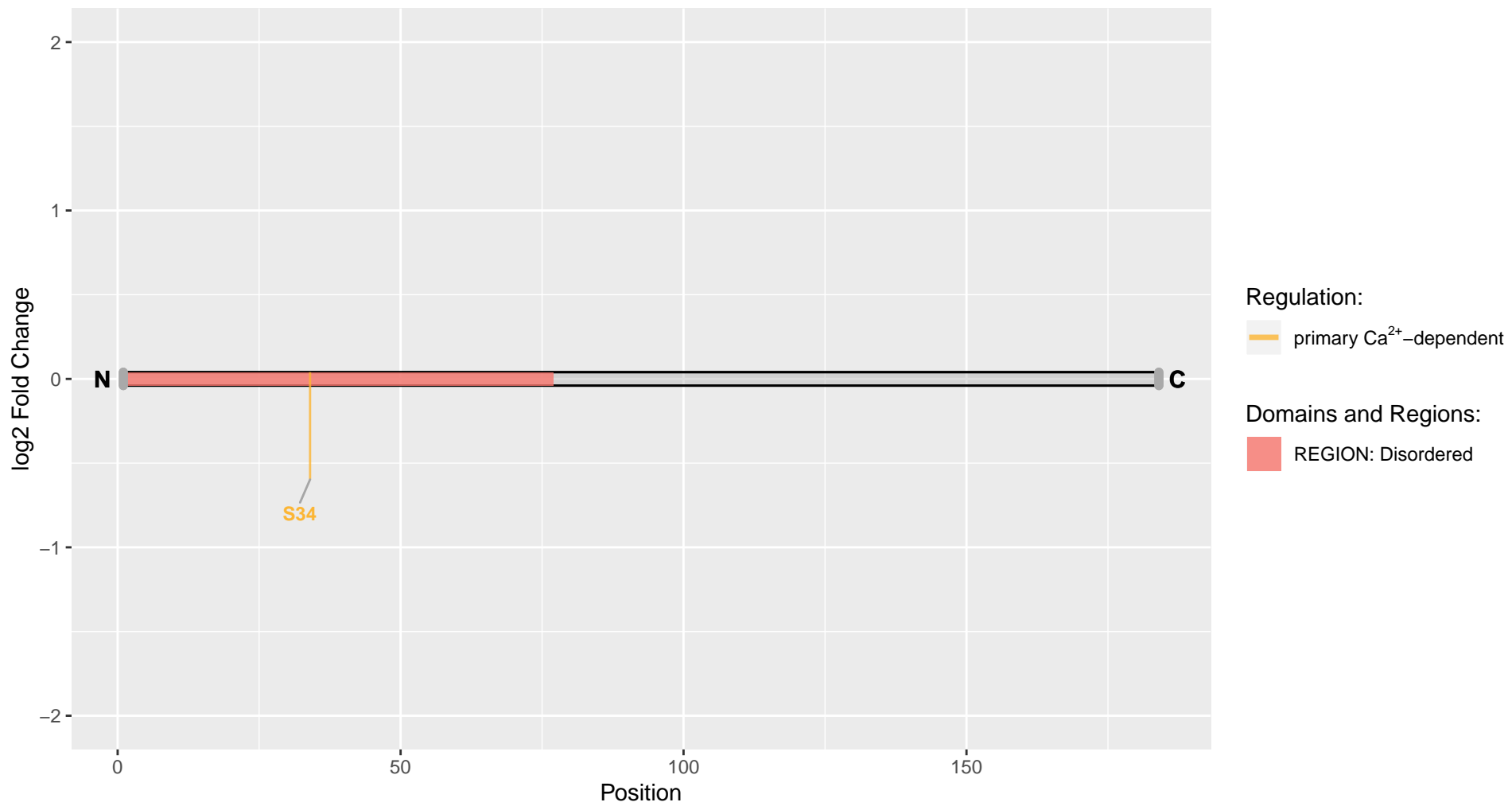
Coiled-coil domain-containing 177



Ccdc28a

Uniprot Accession: Q498D0

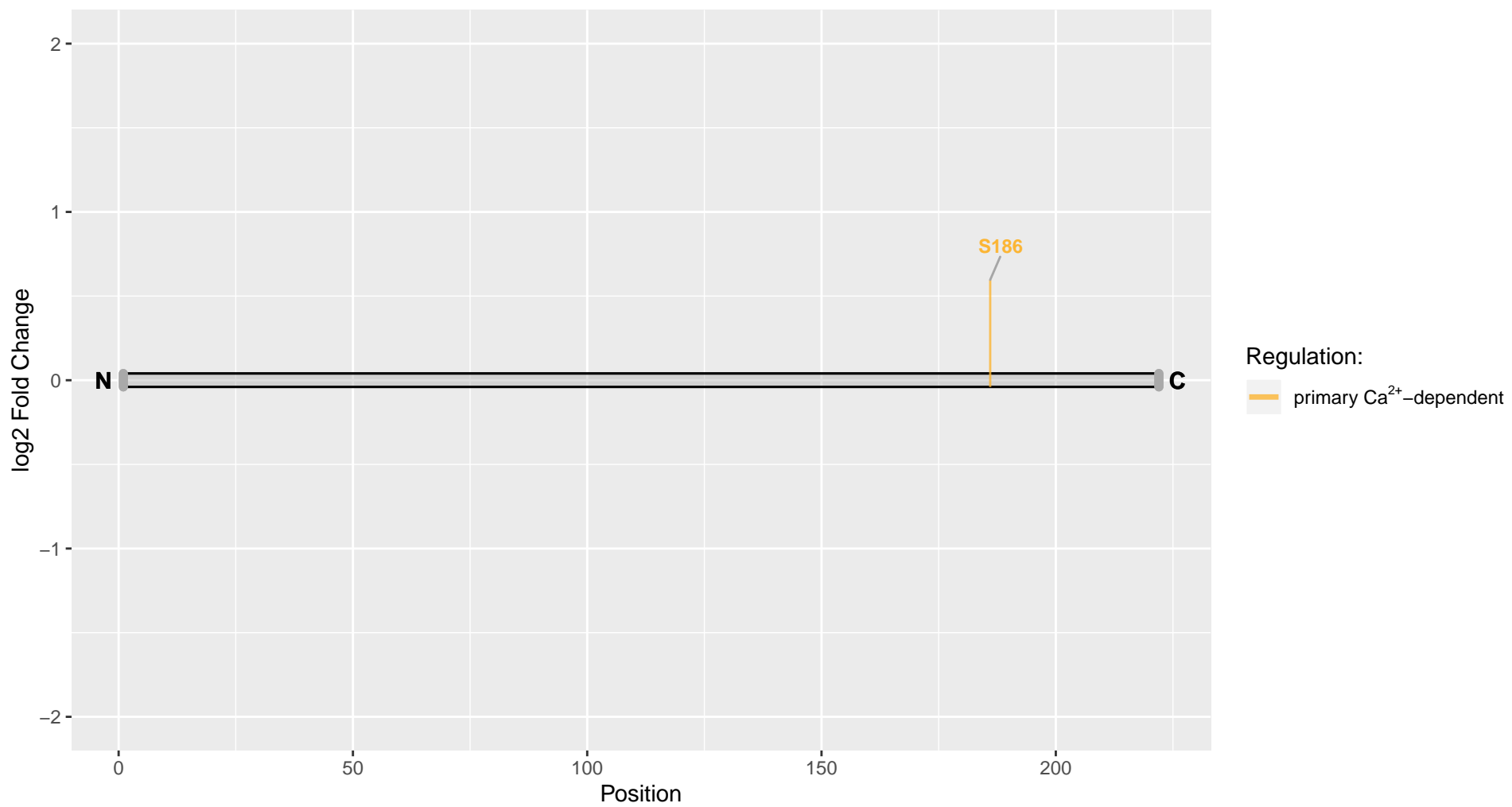
Coiled-coil domain-containing 28A



Ccdc43

Uniprot Accession: Q5BK07

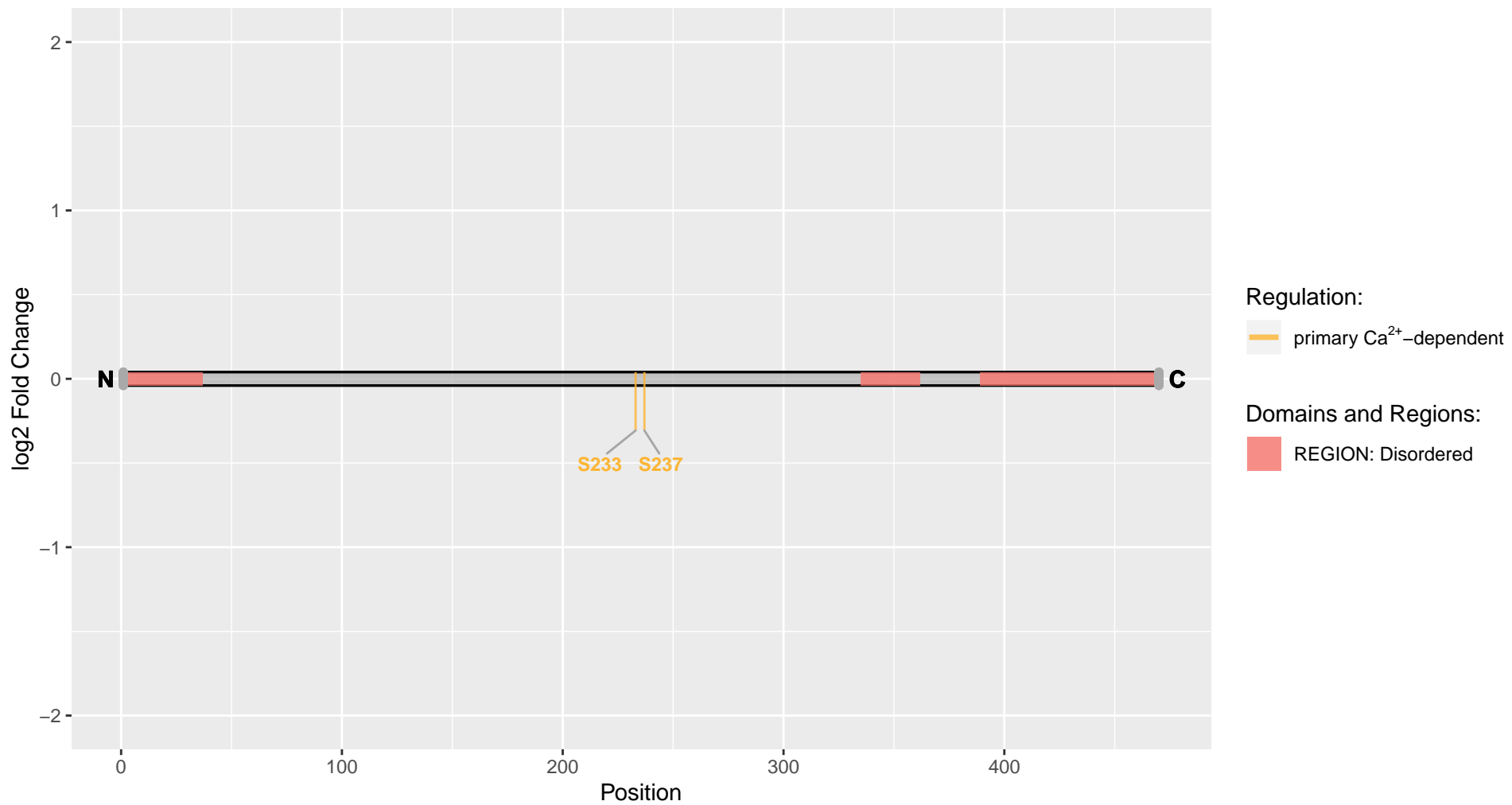
Coiled-coil domain-containing protein 43



Ccdc6

Uniprot Accession: D4AEK9

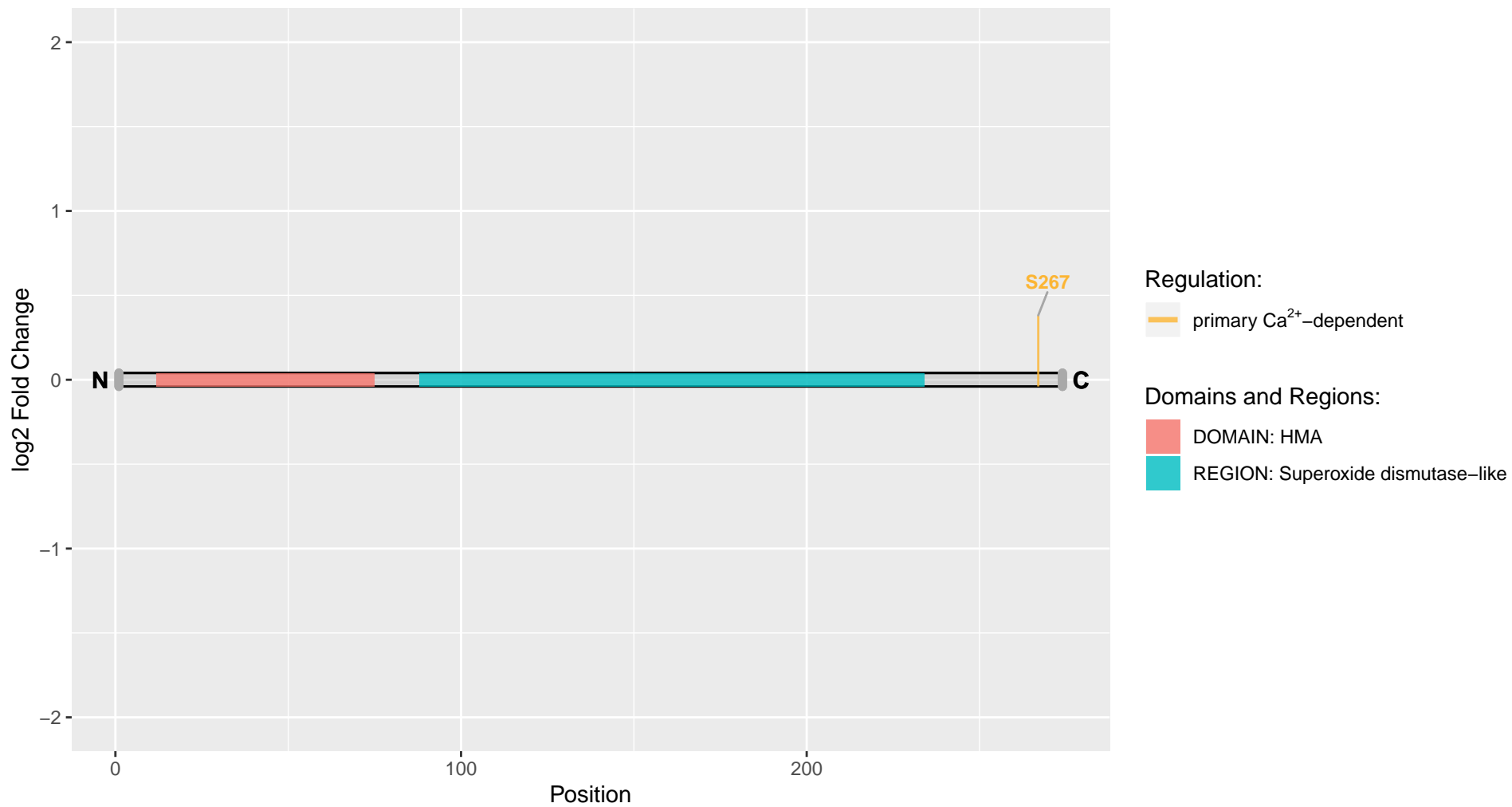
Coiled-coil domain-containing 6



Ccs

Uniprot Accession: Q9JK72

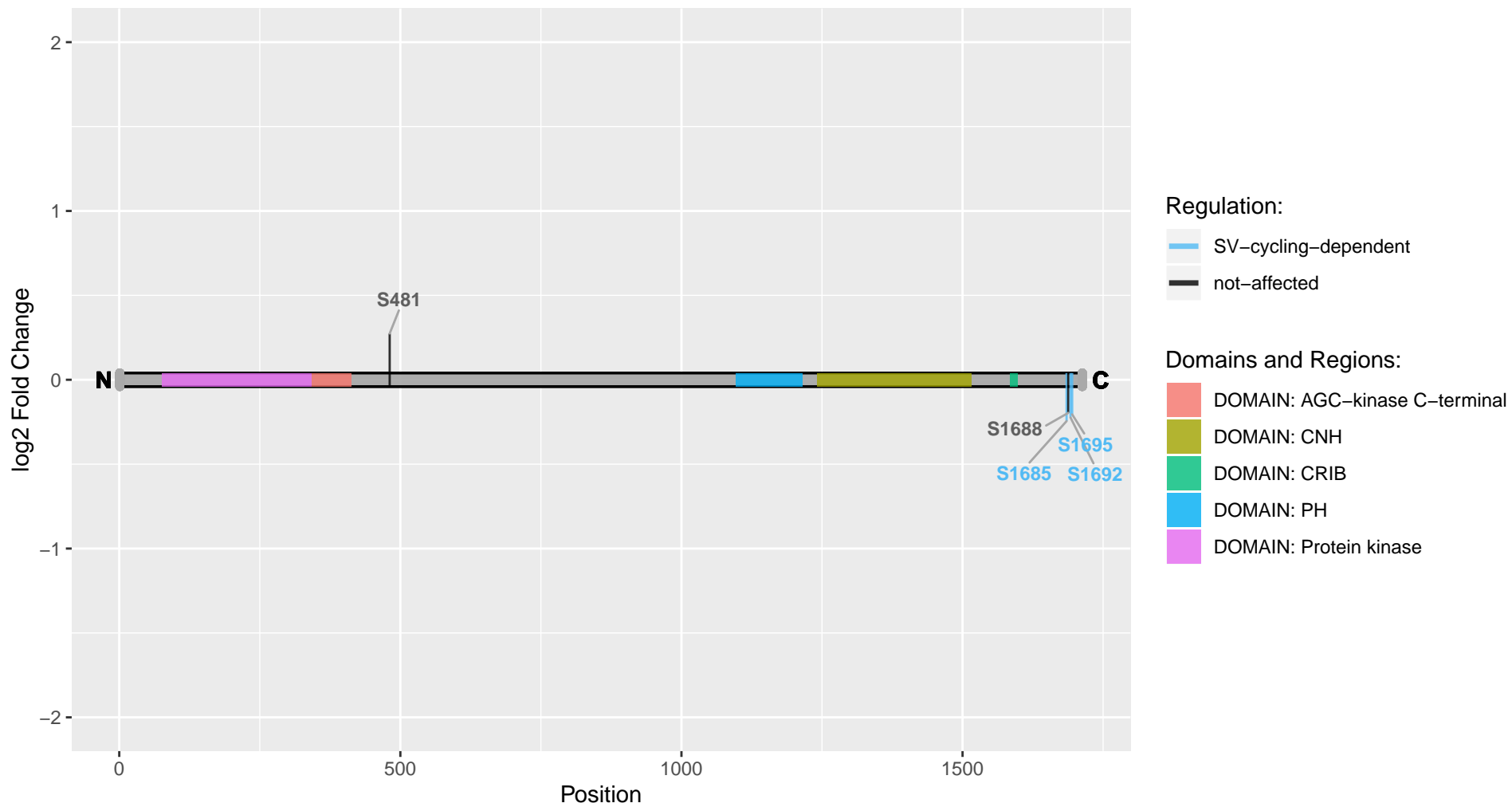
Copper chaperone for superoxide dismutase



Cdc42bpb

Uniprot Accession: Q7TT49

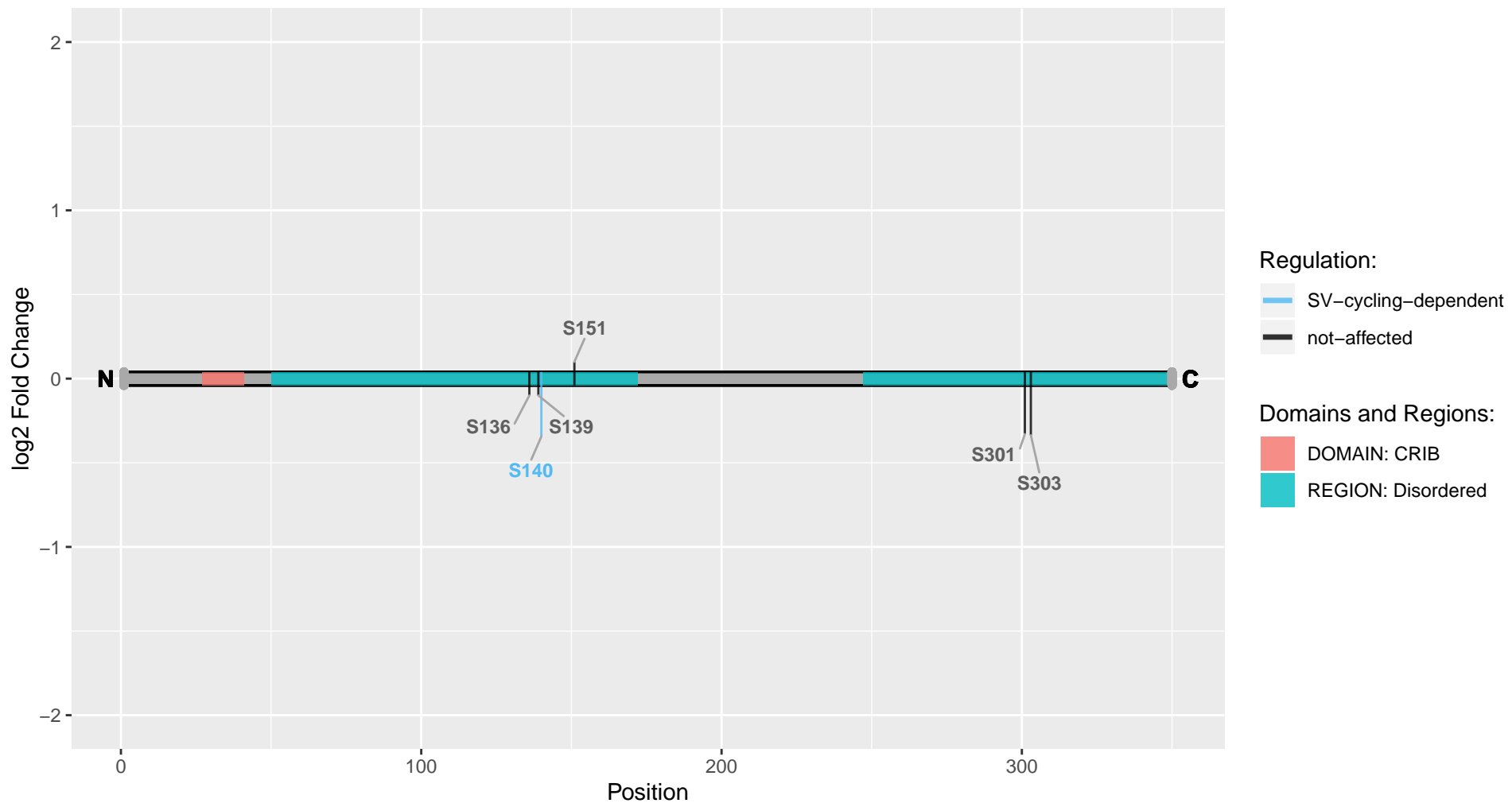
Serine/threonine-protein kinase MRCK beta



Cdc42ep4

Uniprot Accession: B1WC33

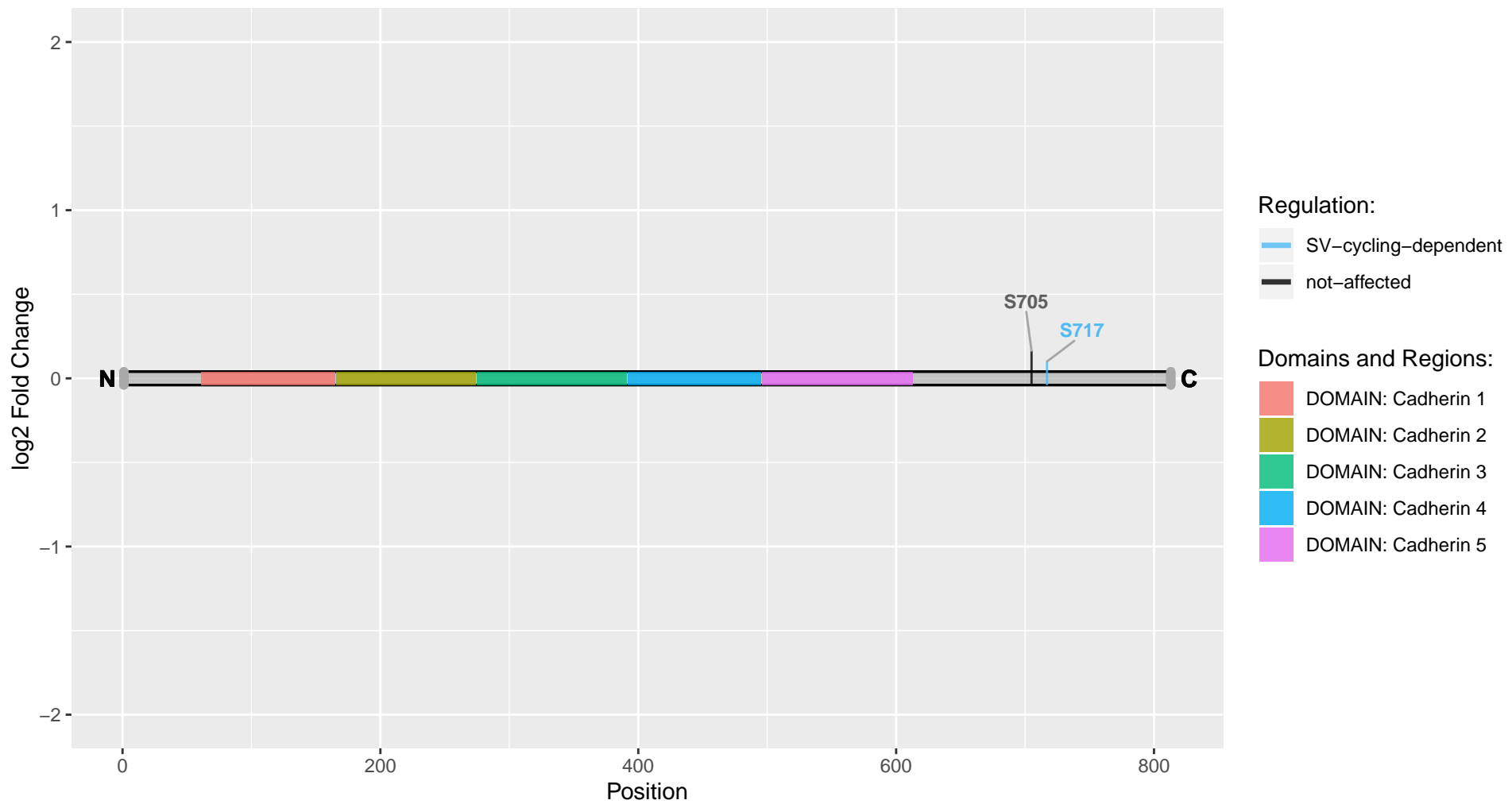
CDC42 effector protein (Rho GTPase binding) 4 (Predicted), isoform CRA_a



Cdh22

Uniprot Accession: Q63315

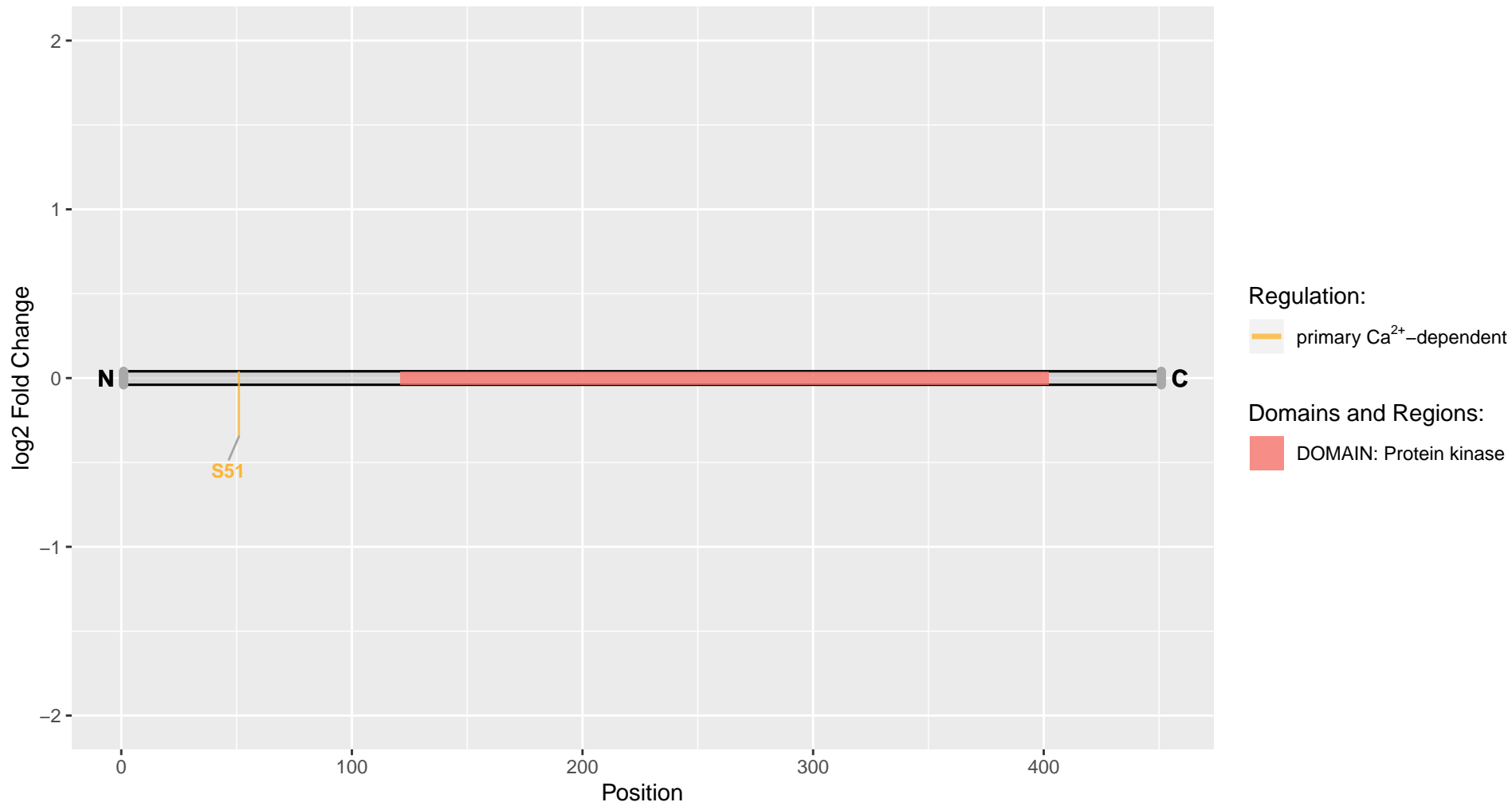
Cadherin-22



Cdk18

Uniprot Accession: O35832

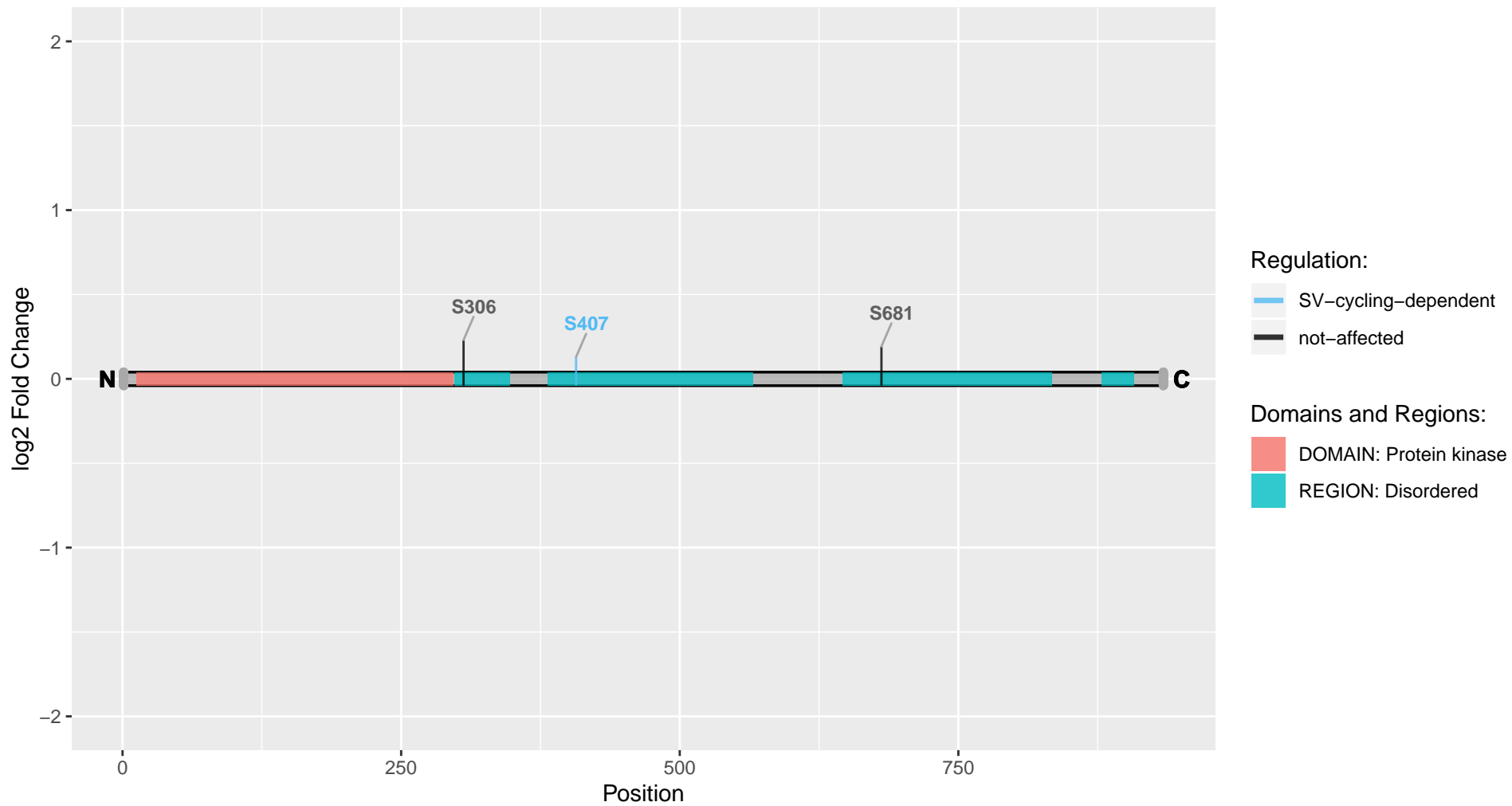
Cyclin-dependent kinase 18



Cdk15

Uniprot Accession: D3ZG85

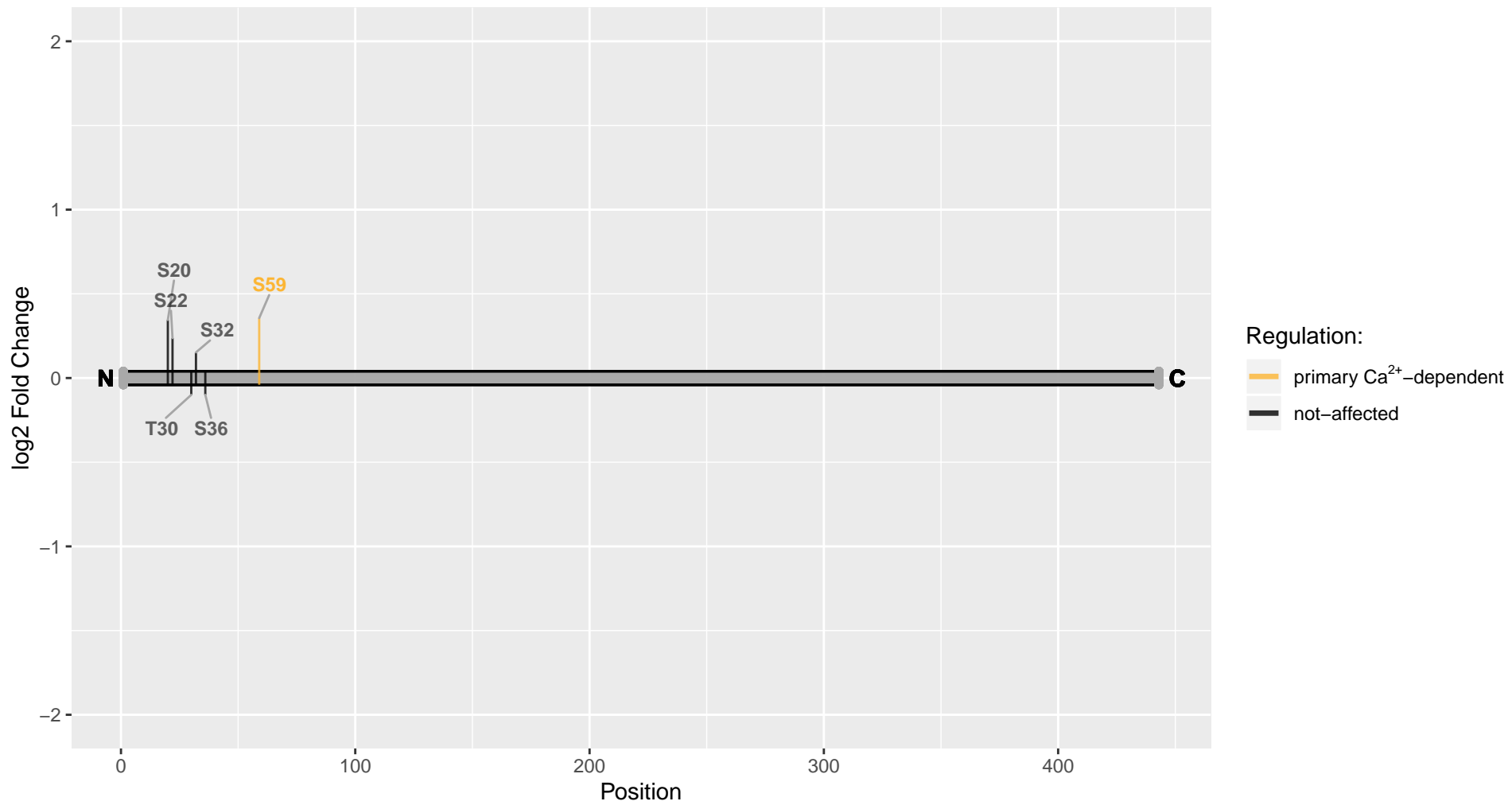
Cyclin-dependent kinase-like 5



Cds2

Uniprot Accession: Q91XU8

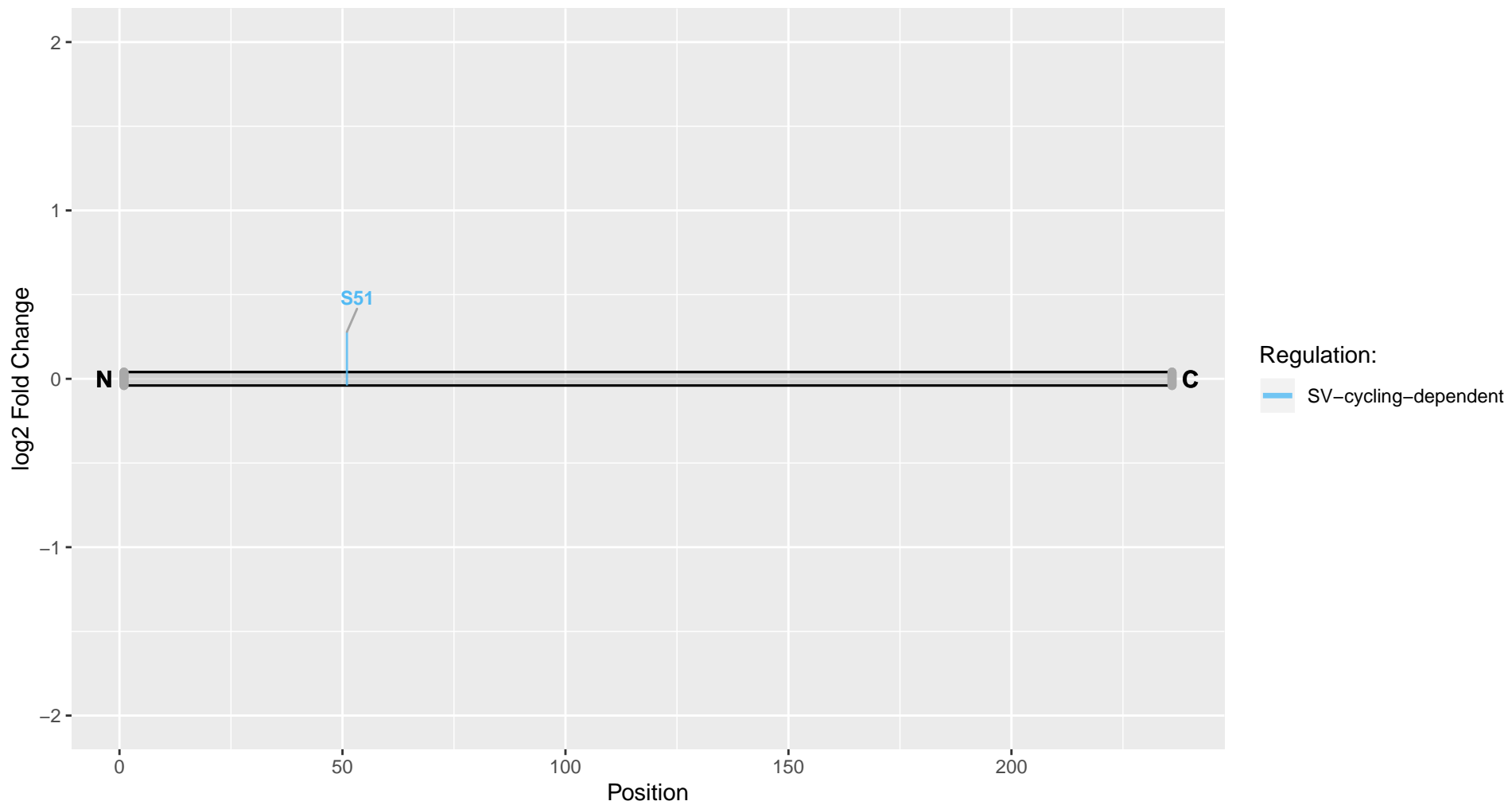
Phosphatidate cytidyltransferase 2



Cdv3

Uniprot Accession: Q5XIM5

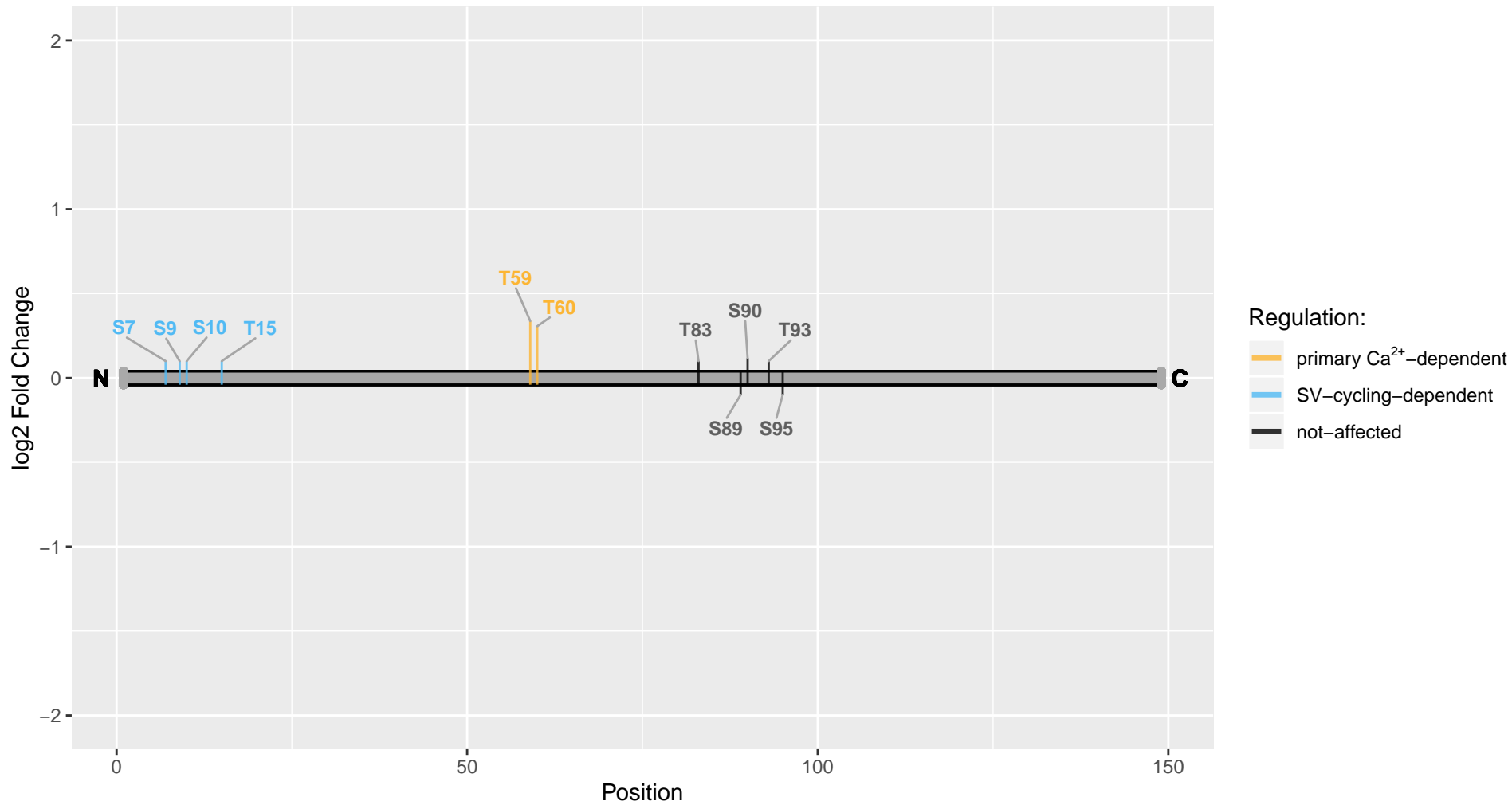
Protein CDV3 homolog



Cend1

Uniprot Accession: Q5FVI4

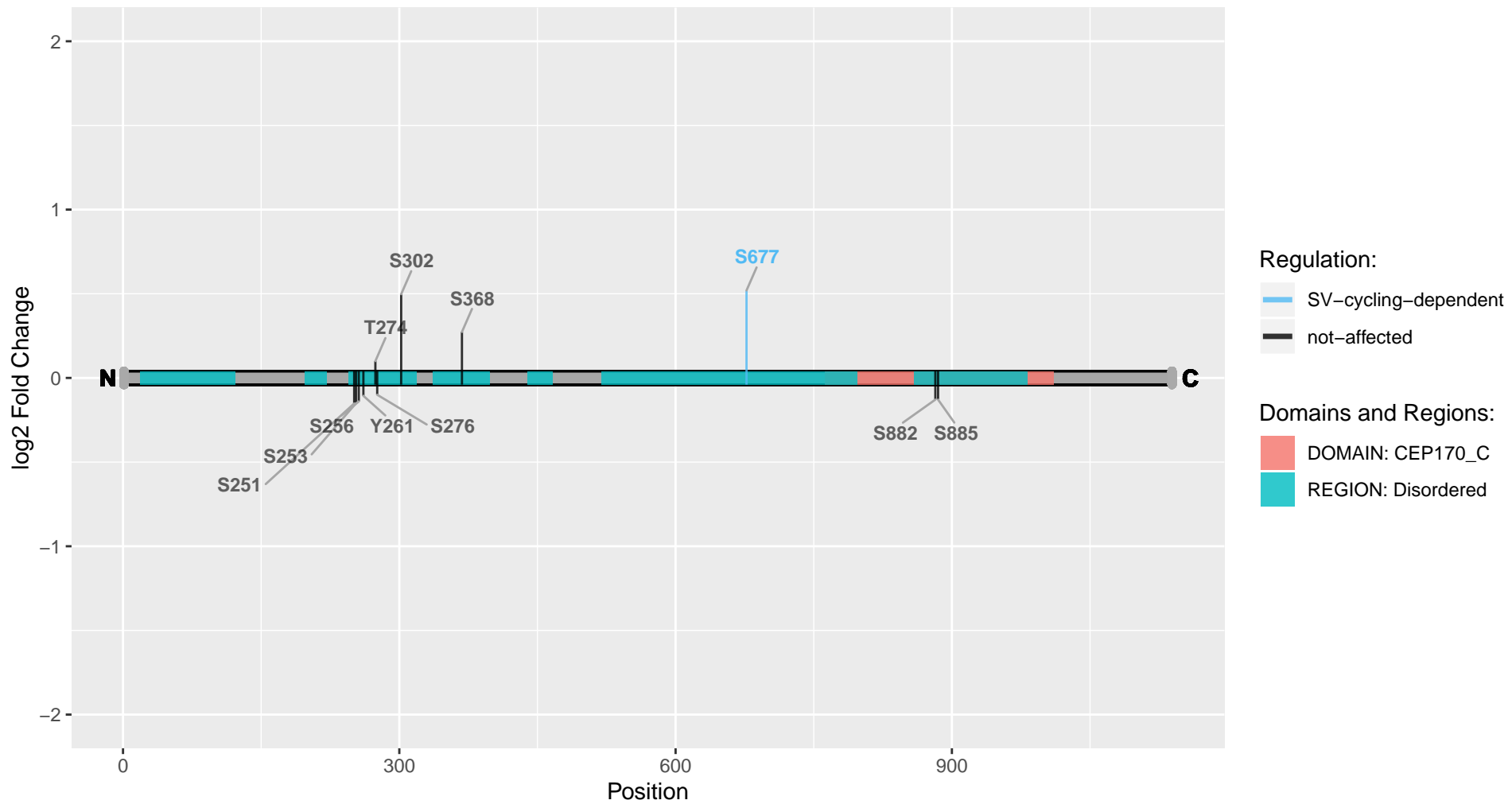
Cell cycle exit and neuronal differentiation protein 1



Cep170

Uniprot Accession: A0A0G2K315

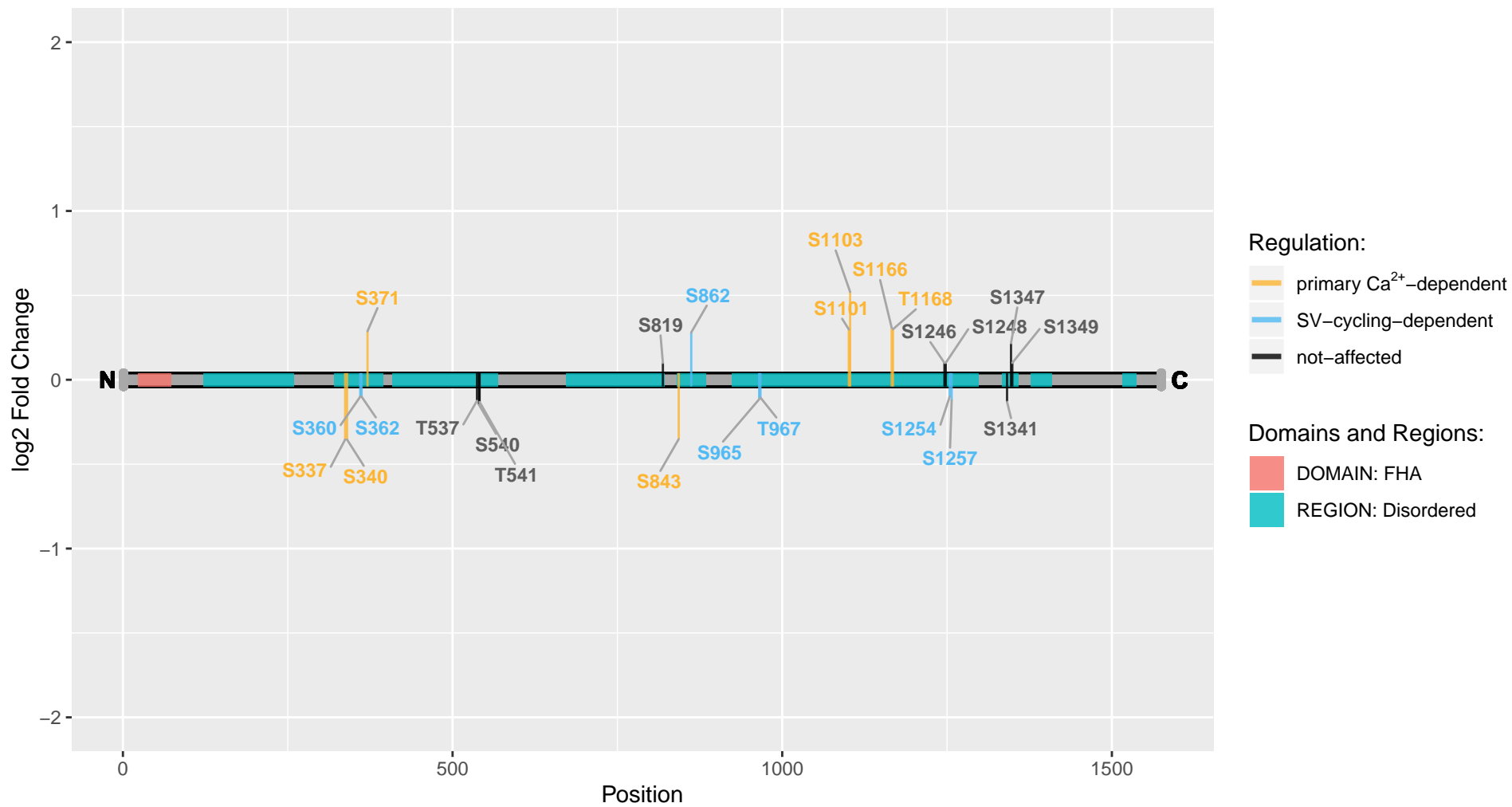
Uncharacterized protein



Cep170b

Uniprot Accession: D4A1G8

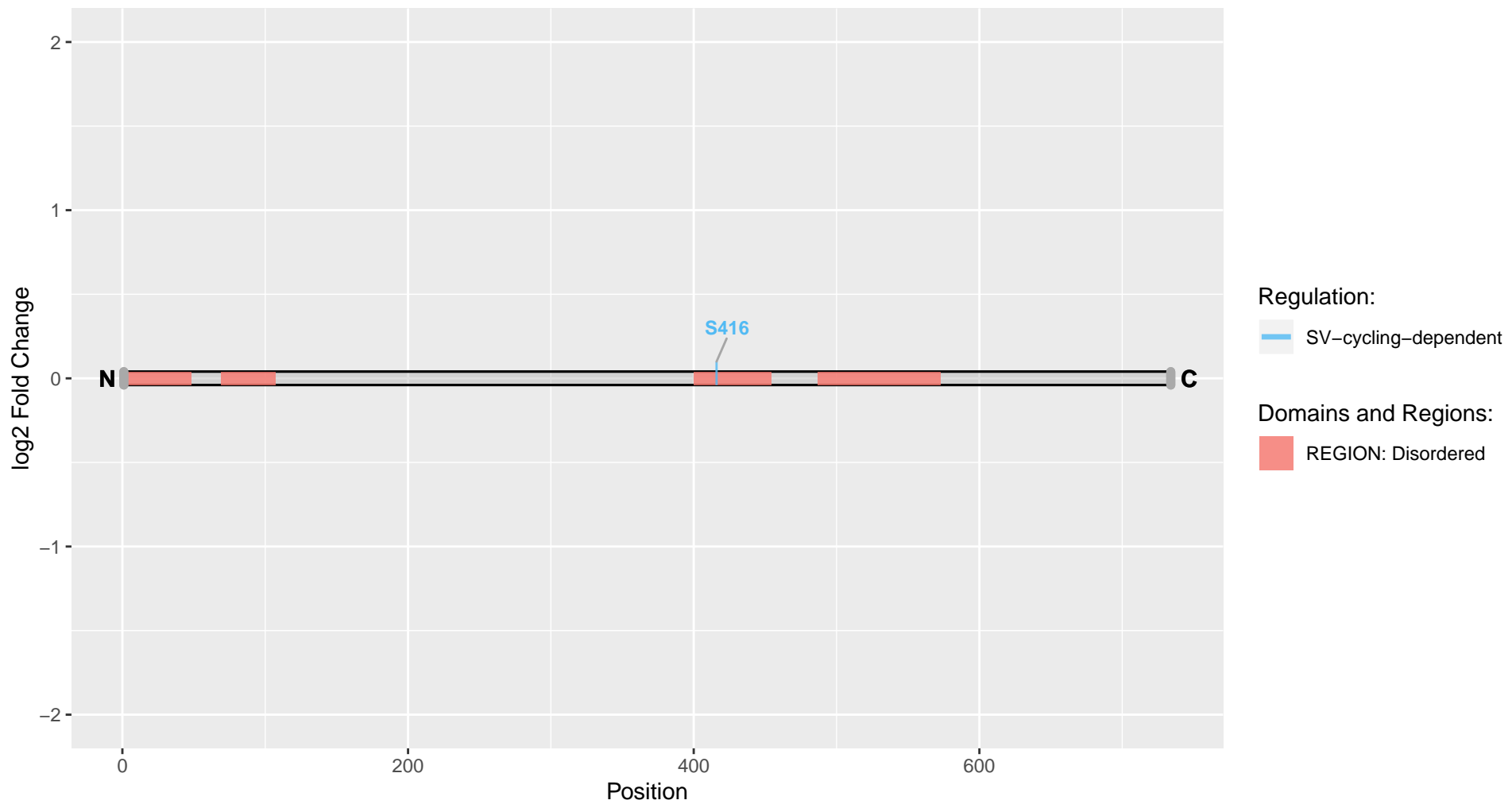
Centrosomal protein 170B



Cep68

Uniprot Accession: D3ZZ61

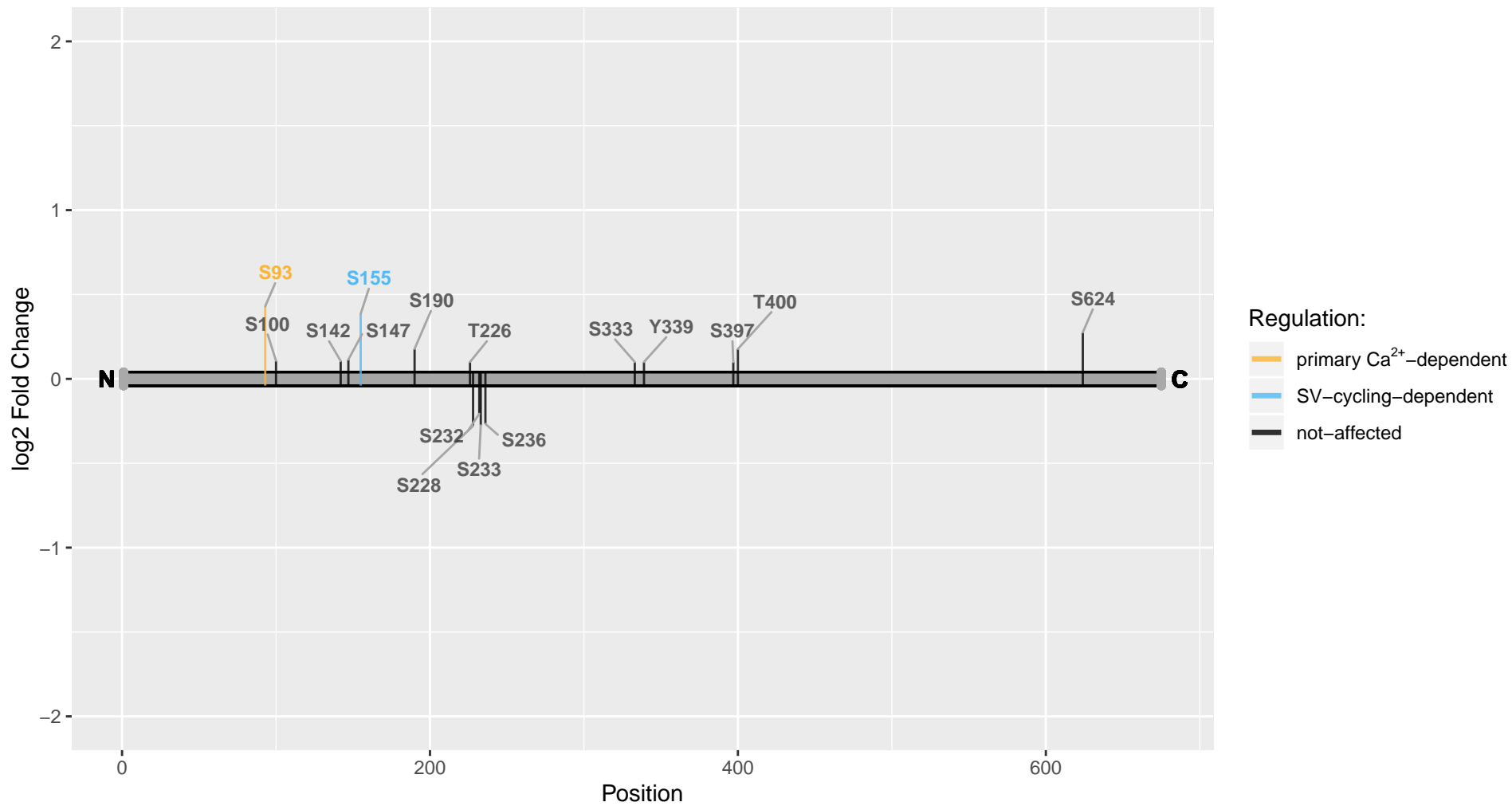
Centrosomal protein 68



Chgb

Uniprot Accession: O35314

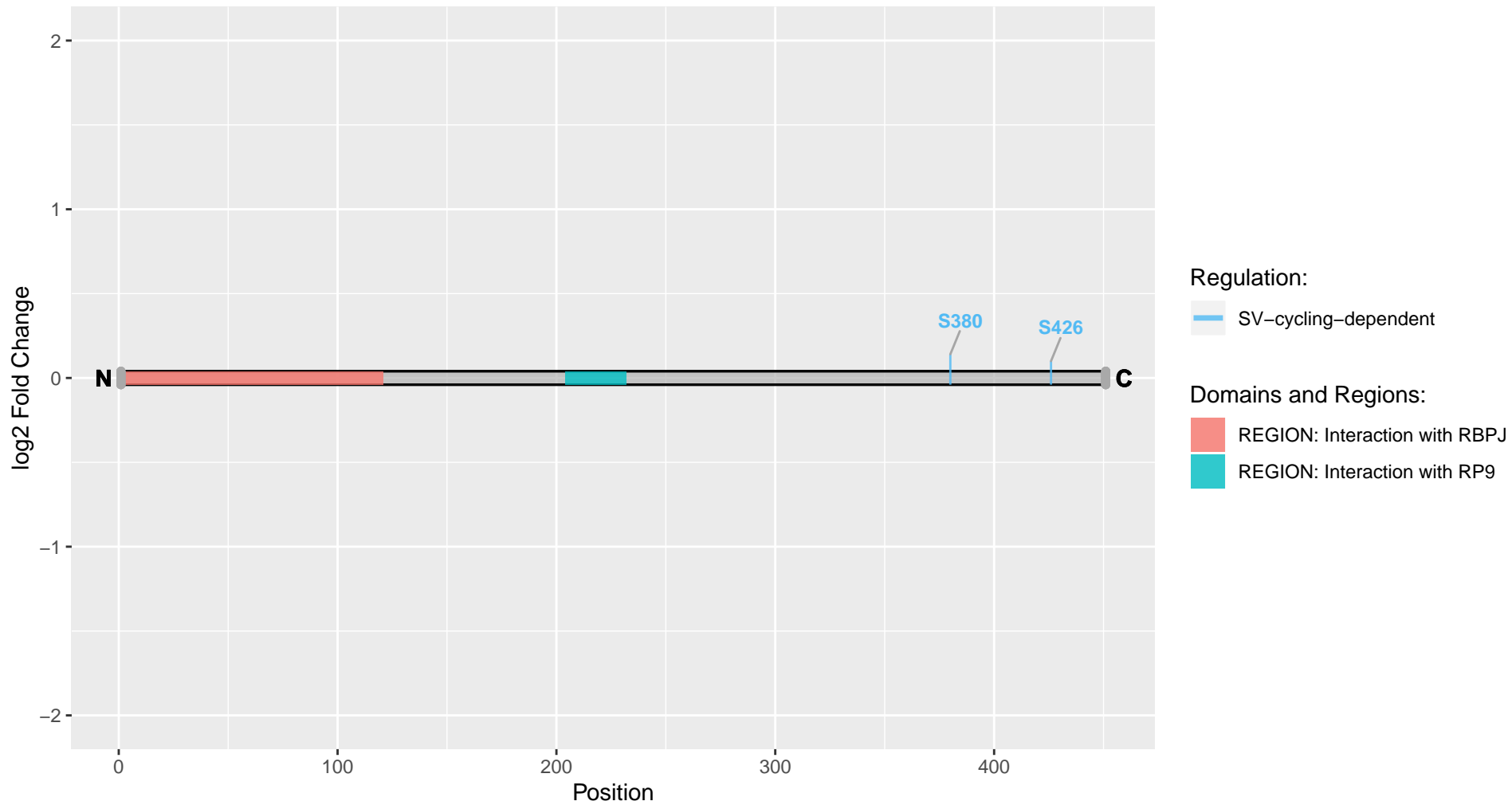
Secretogranin-1



Cir1

Uniprot Accession: Q5U2T8

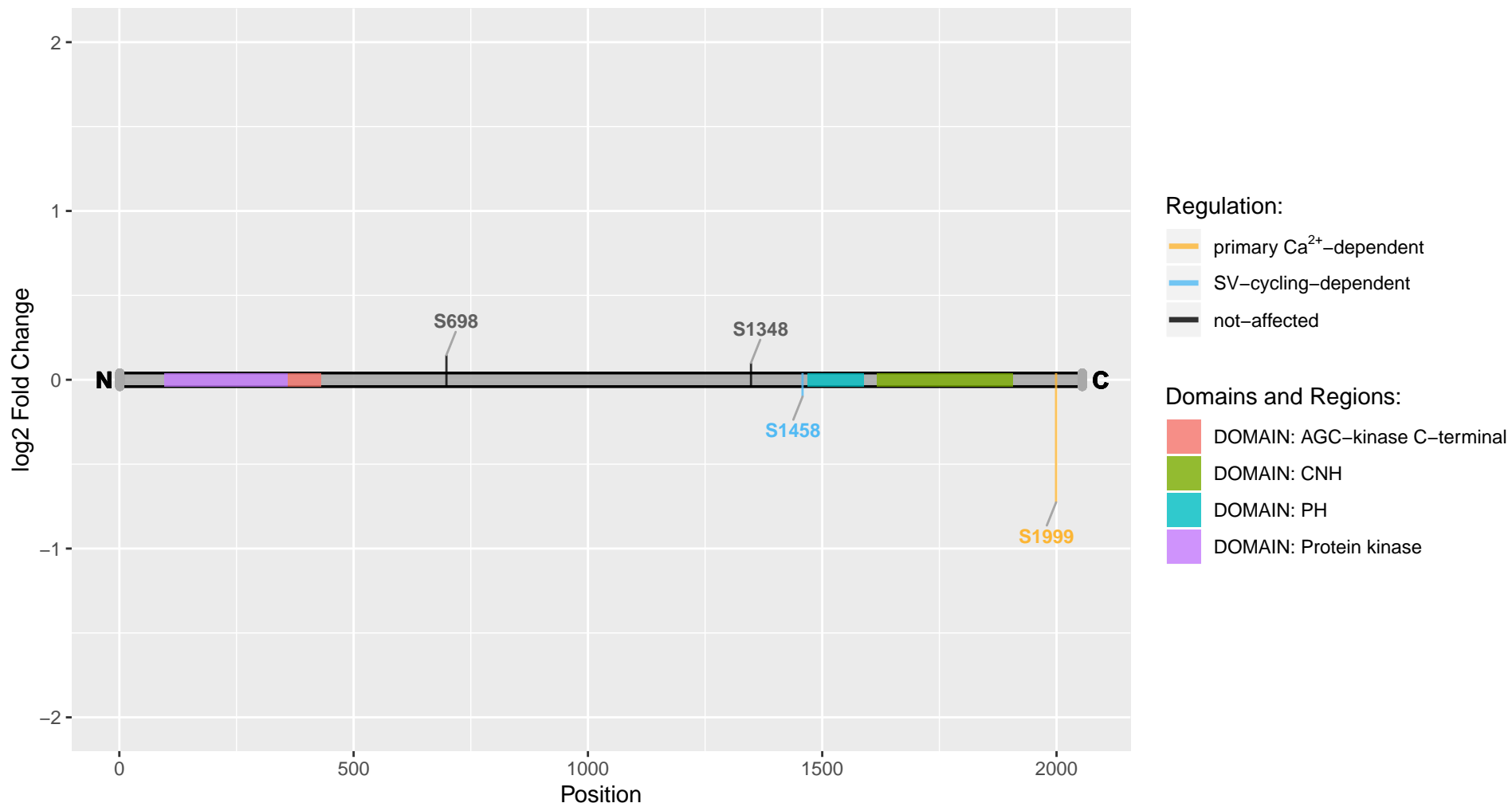
Corepressor interacting with RBPJ 1



Cit

Uniprot Accession: E9PSL7

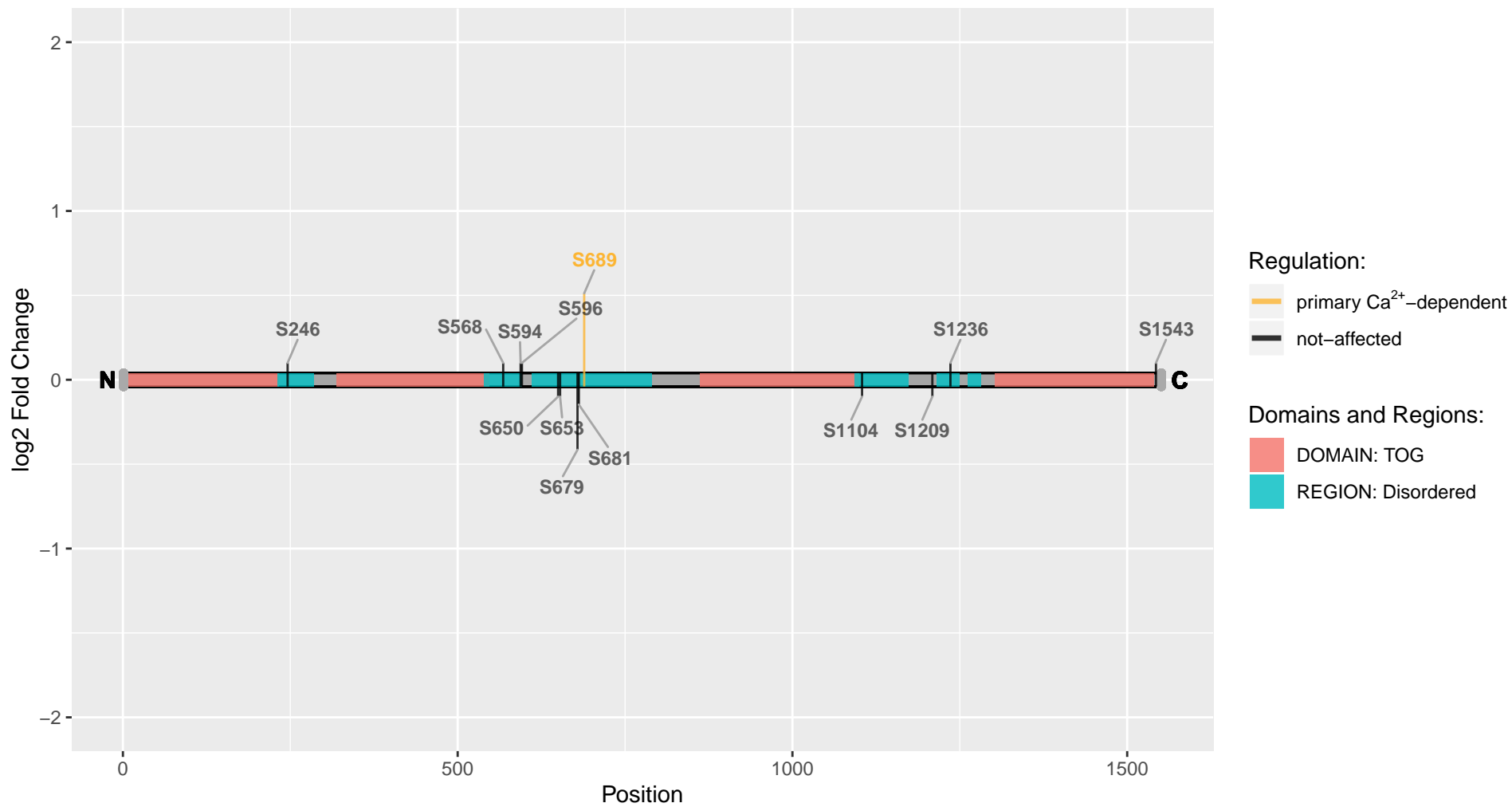
Citron rho-interacting serine/threonine kinase



Clasp1

Uniprot Accession: A0A0G2JU15

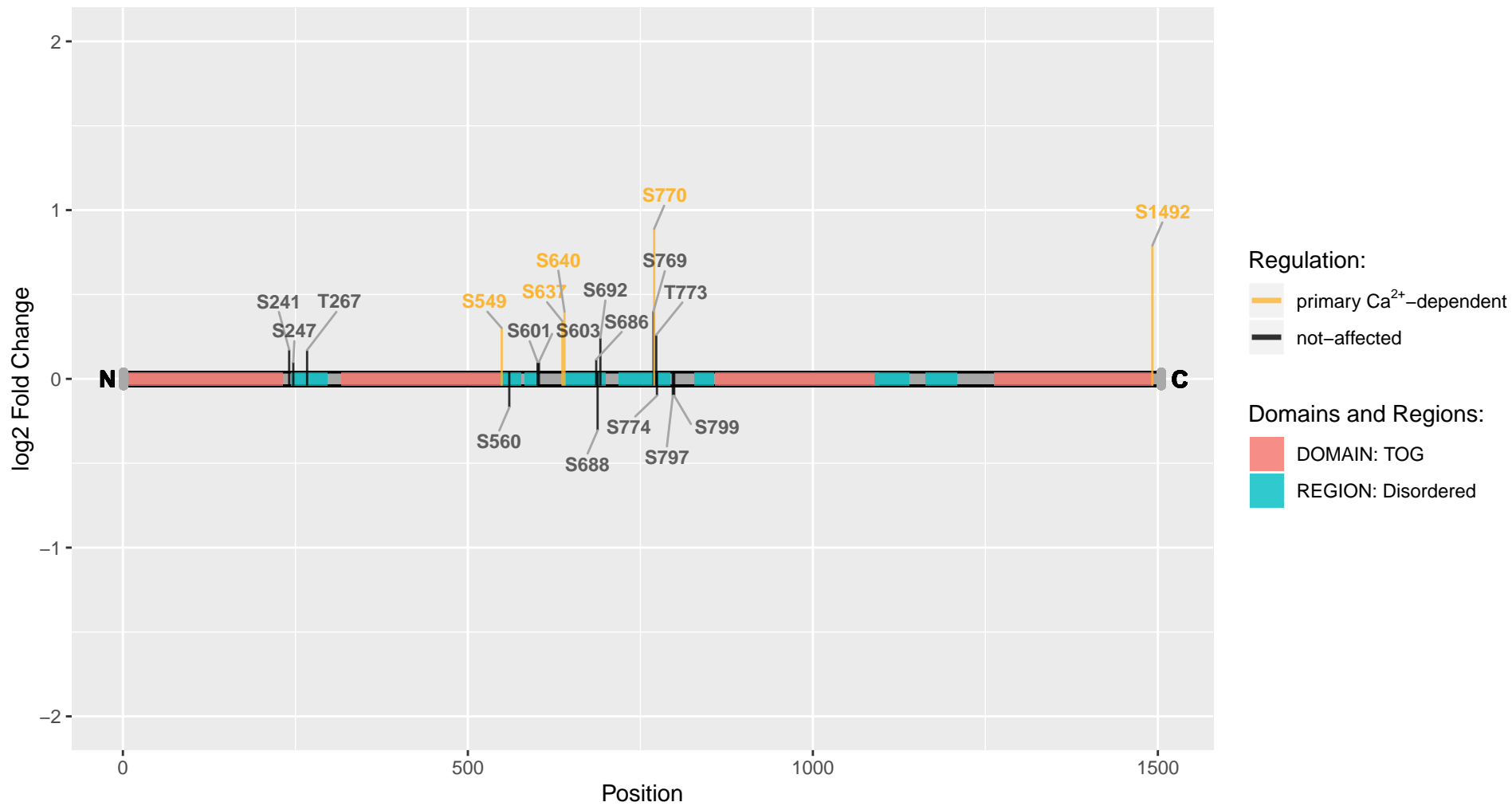
Cytoplasmic linker-associated protein 1



Clasp2

Uniprot Accession: A0A0G2JZM8

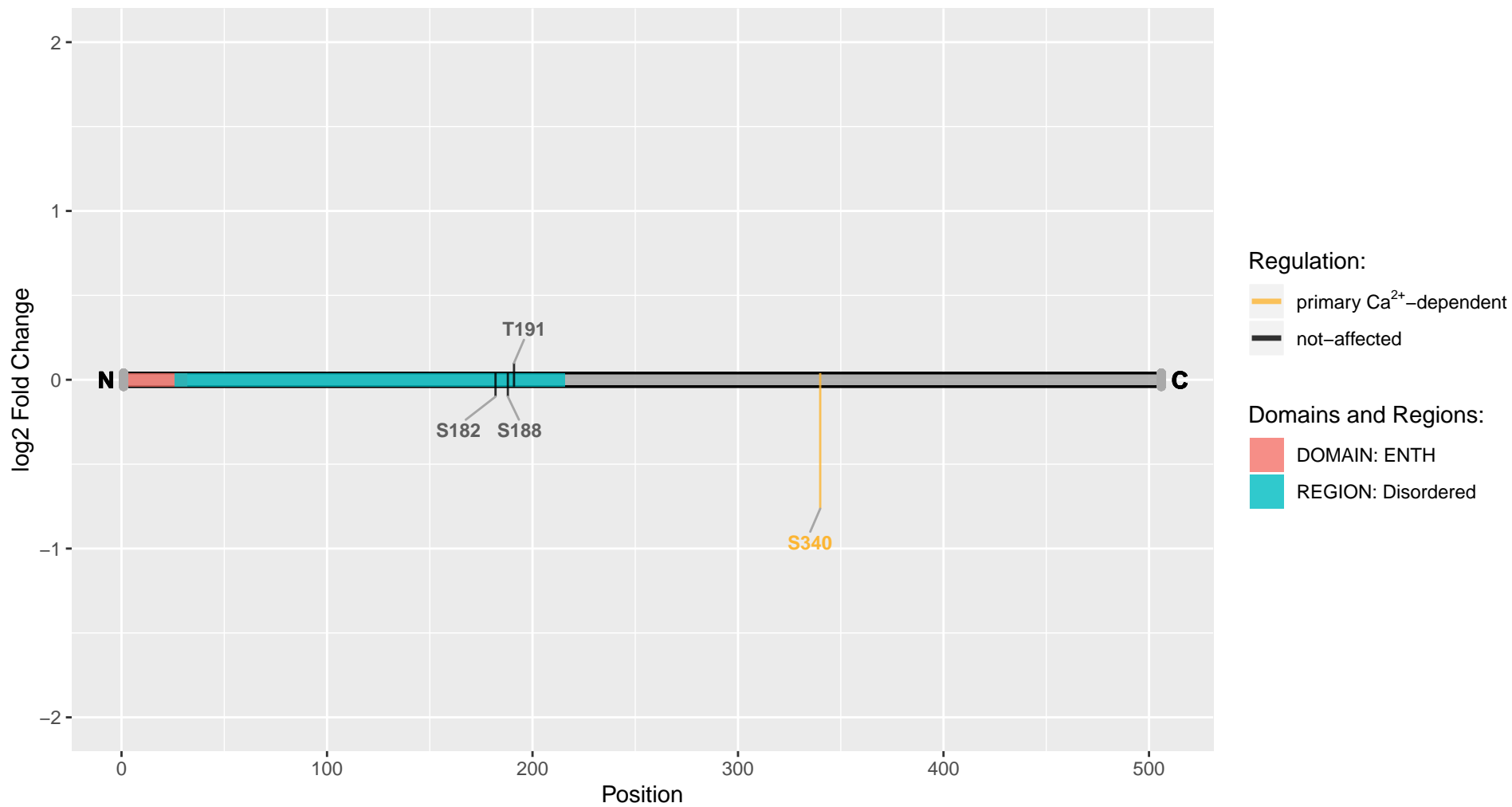
CLIP-associating protein 2



Clint1

Uniprot Accession: A0A0G2JW94

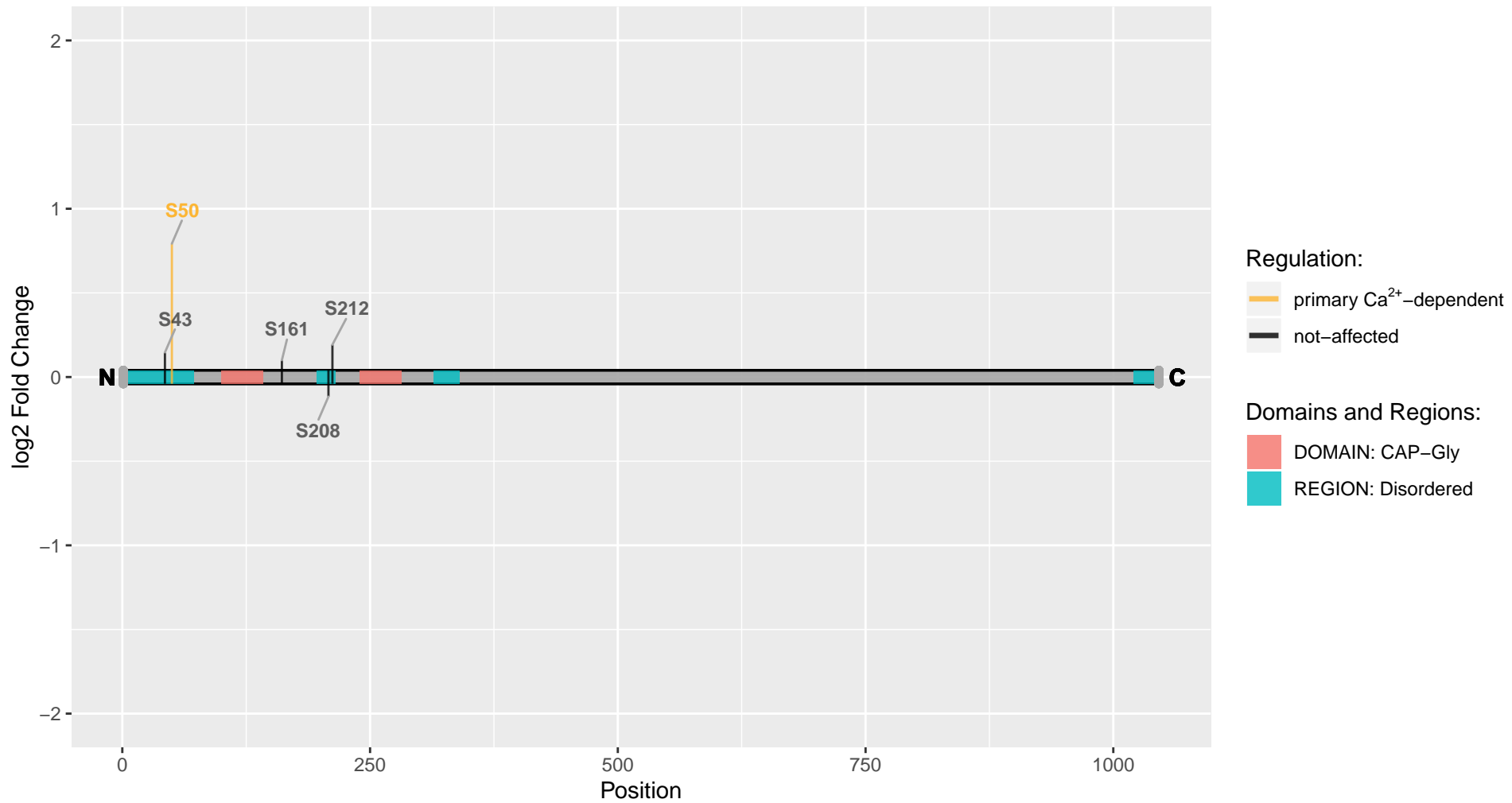
Clathrin interactor 1



Clip2

Uniprot Accession: A0A0G2JZF2

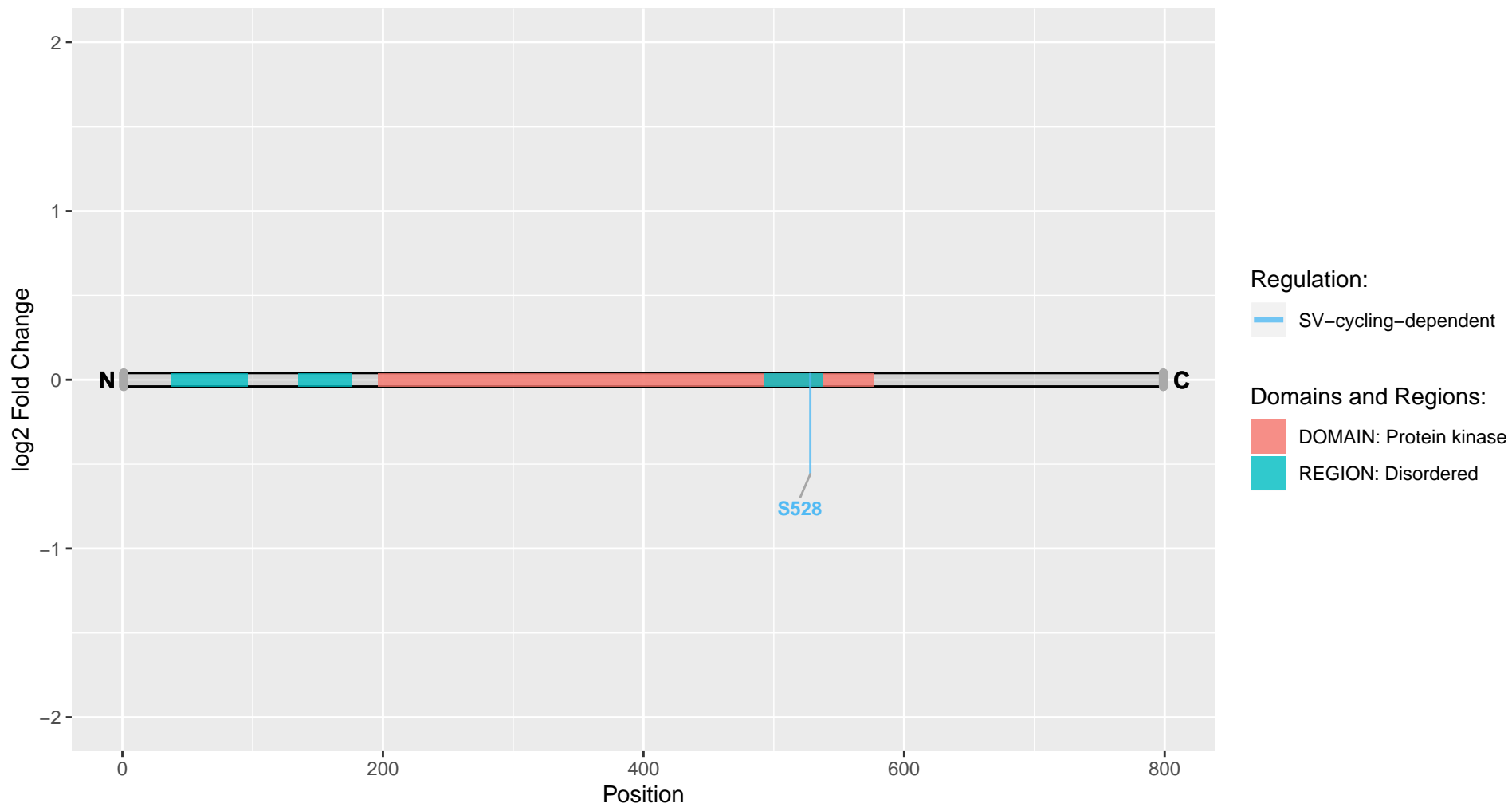
CAP-Gly domain-containing linker protein 2



Clk2

Uniprot Accession: A0A0G2K5Q8

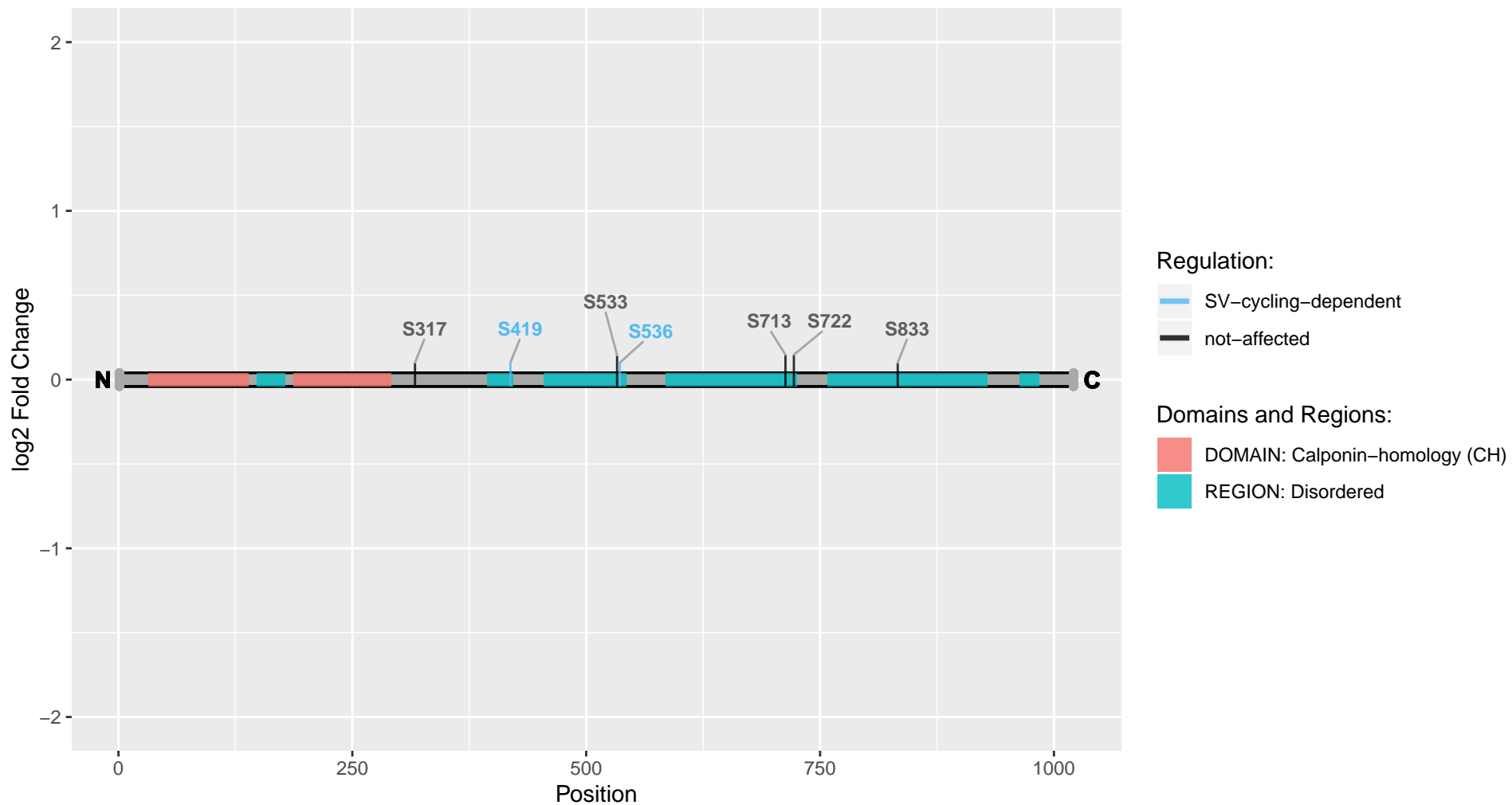
Secretory carrier-associated membrane protein



Clmn

Uniprot Accession: D4A626

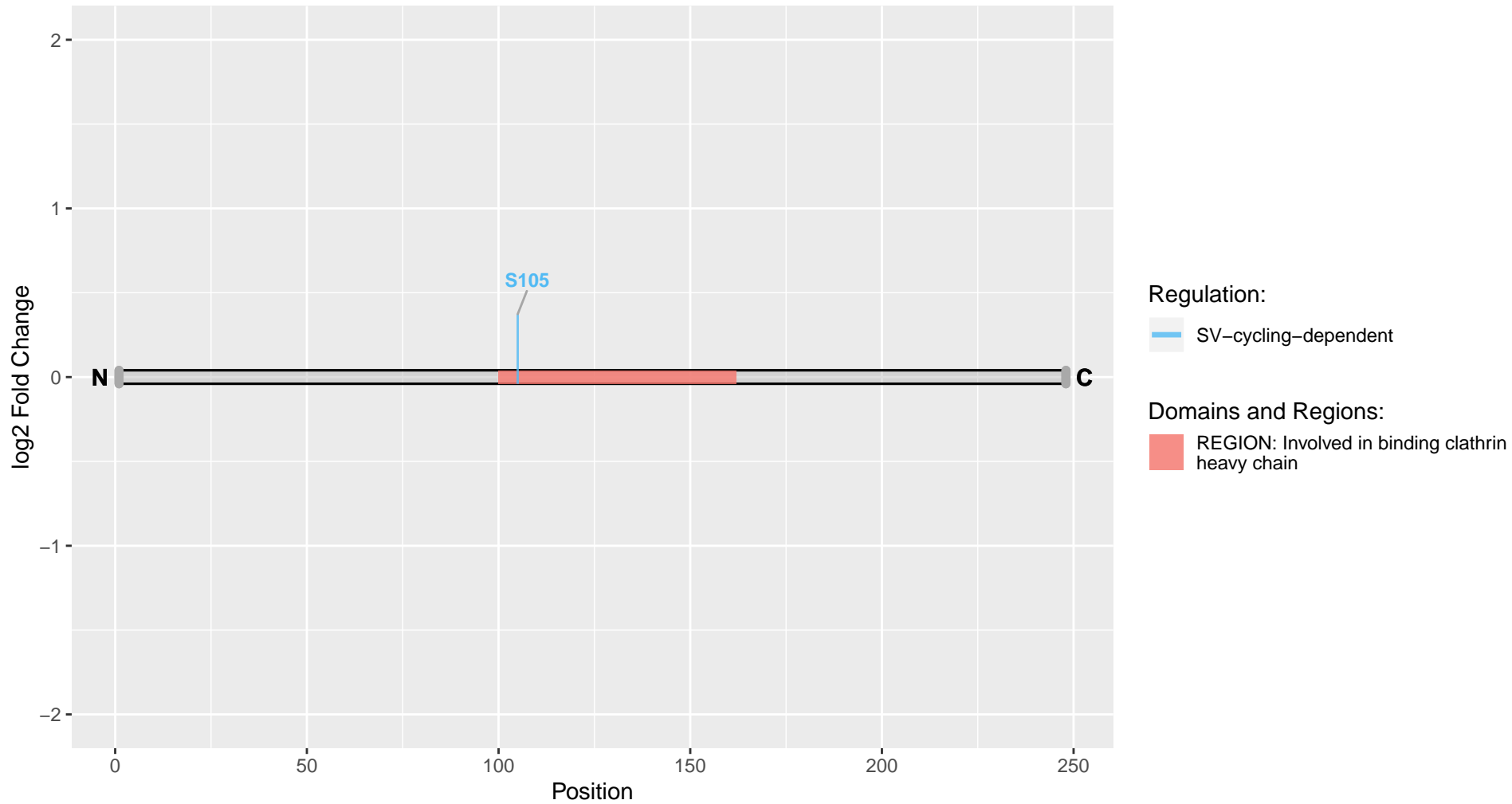
Calmin



Clta

Uniprot Accession: P08081

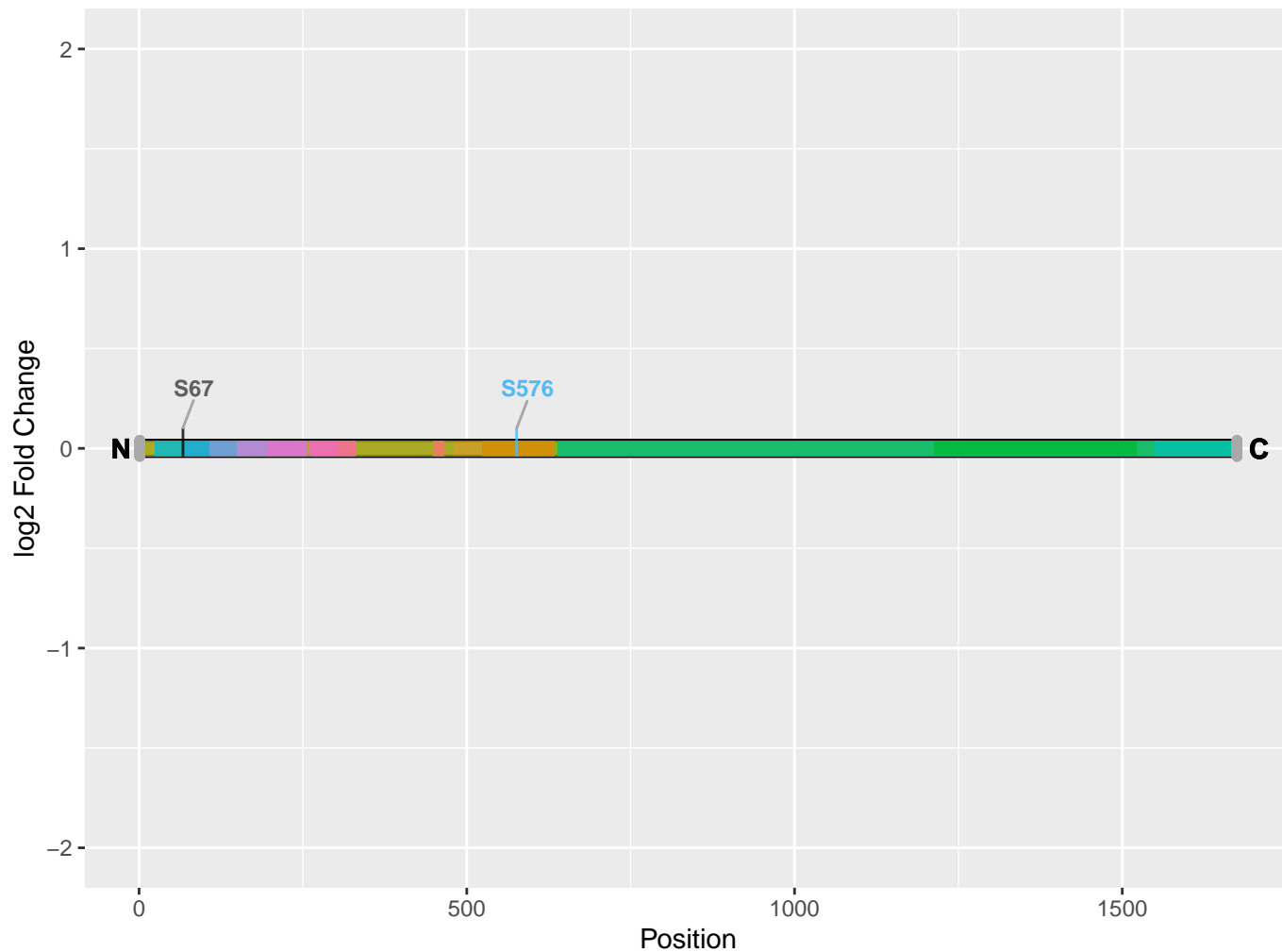
Clathrin light chain A



Cltc

Uniprot Accession: P11442

Clathrin heavy chain 1



Regulation:

- SV-cycling-dependent
- not-affected

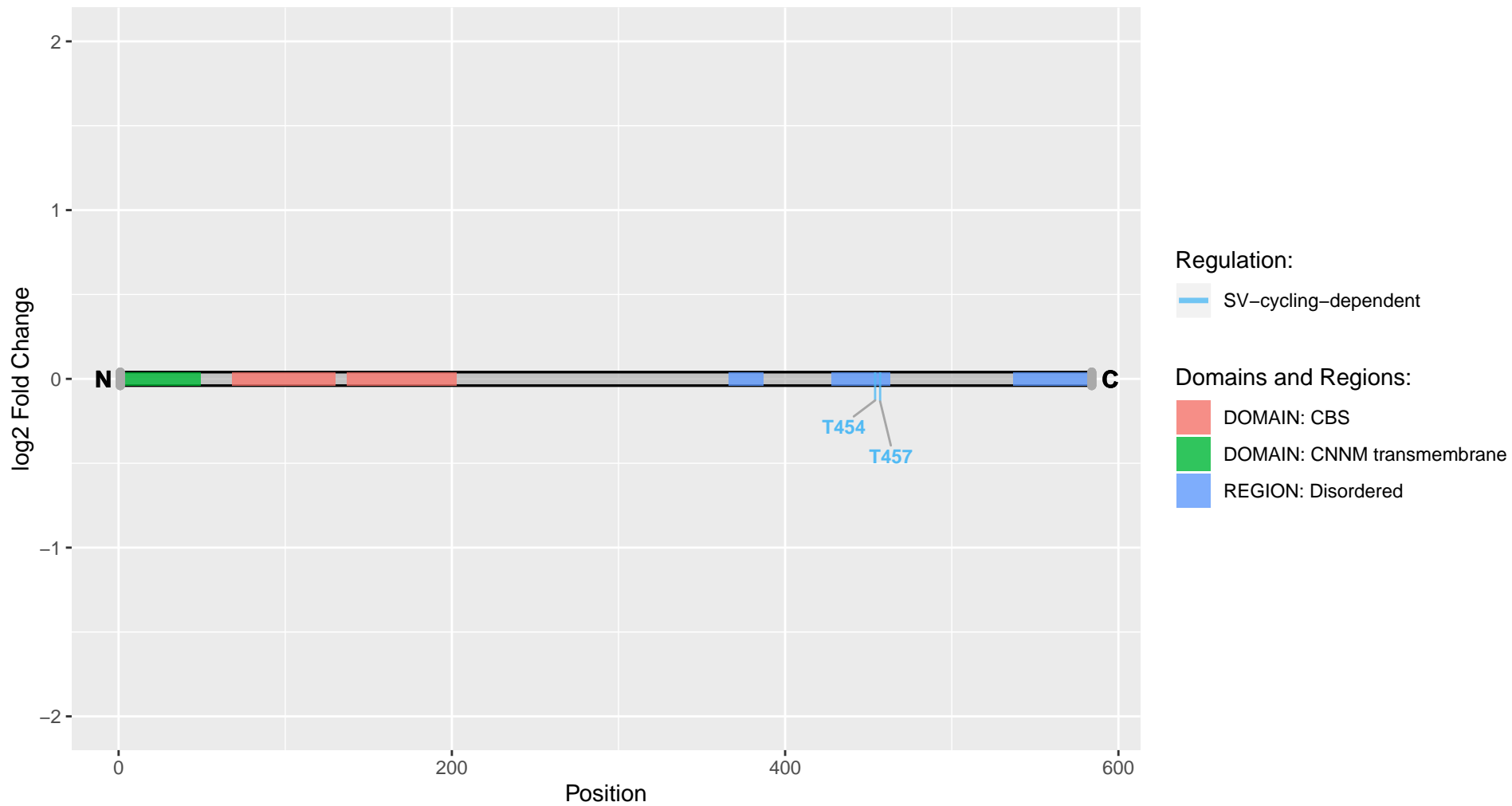
Domains and Regions:

- 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

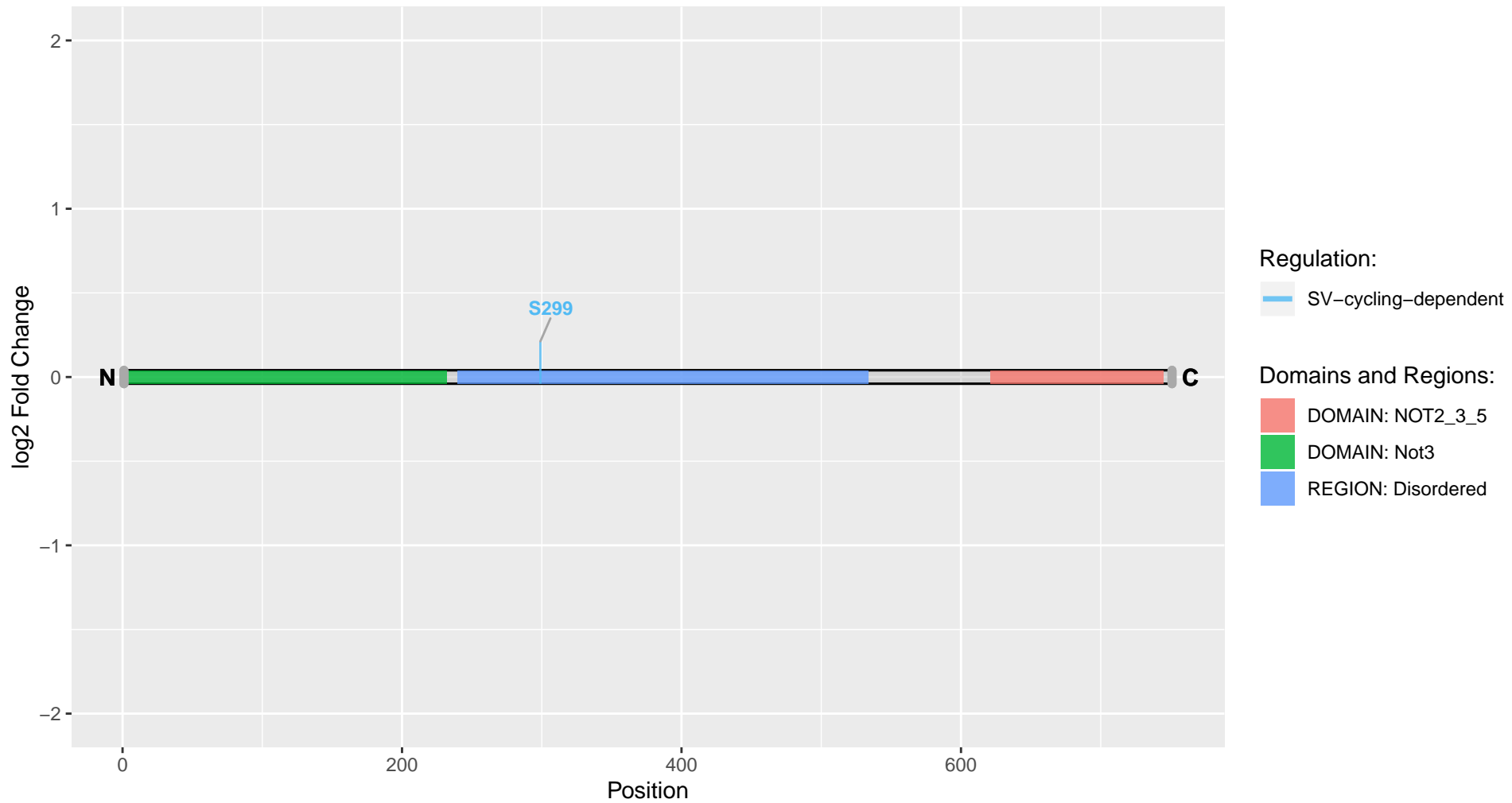
Cyclin M1 (Predicted)



Cnot3

Uniprot Accession: D3ZUV9

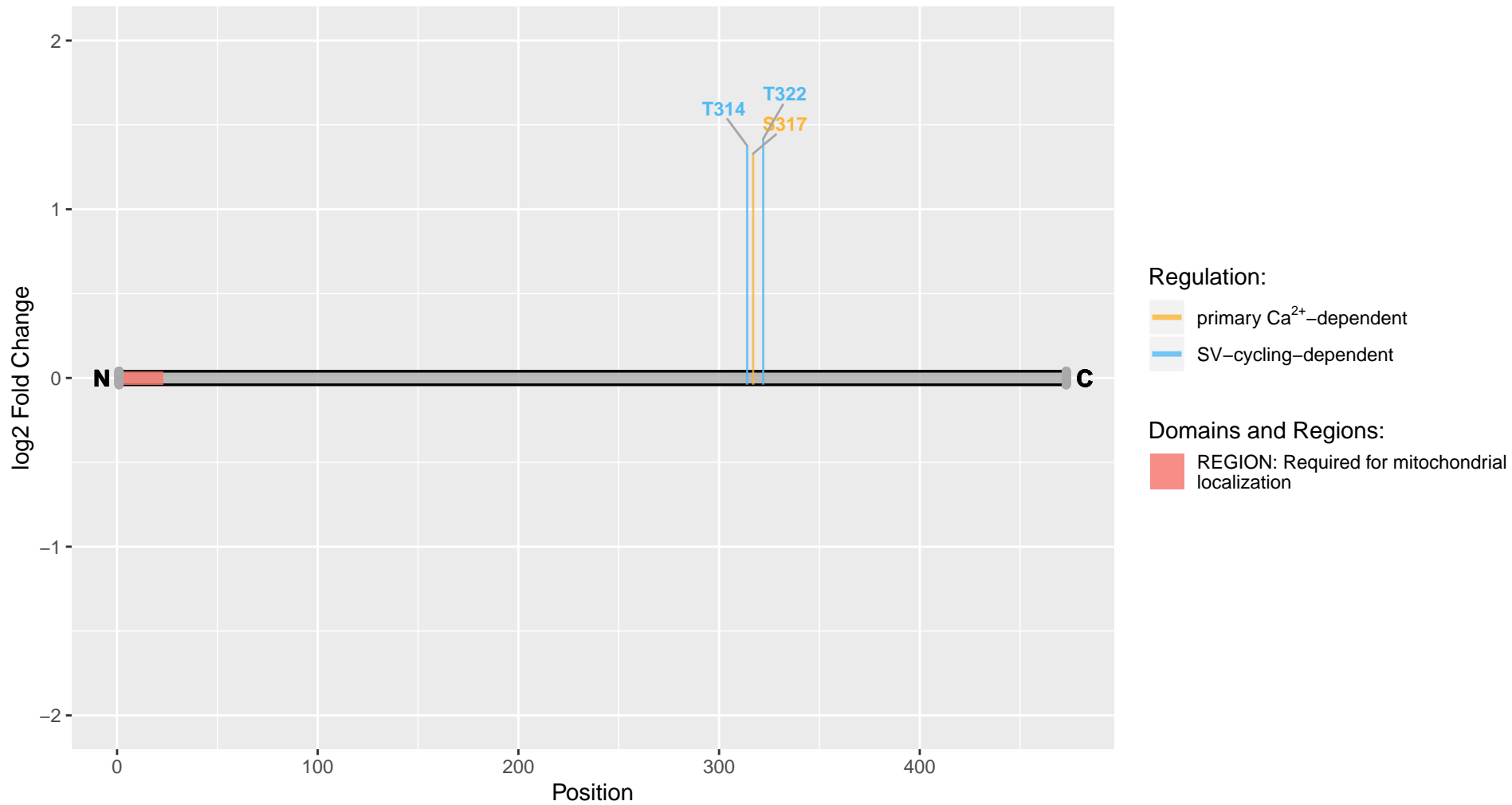
CCR4-NOT transcription complex, subunit 3



Cnr1

Uniprot Accession: P20272

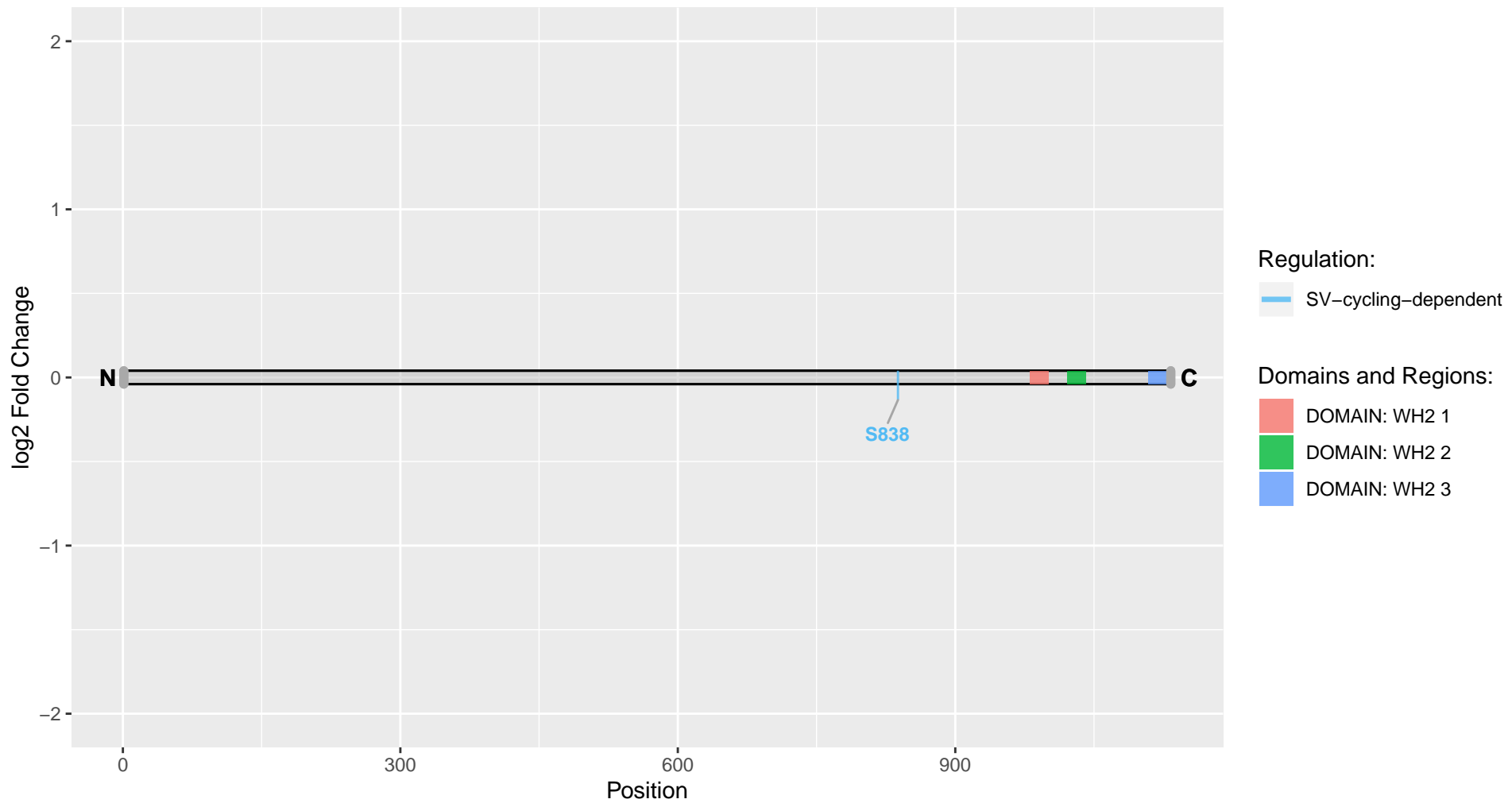
Cannabinoid receptor 1



CobI

Uniprot Accession: D3ZUI5

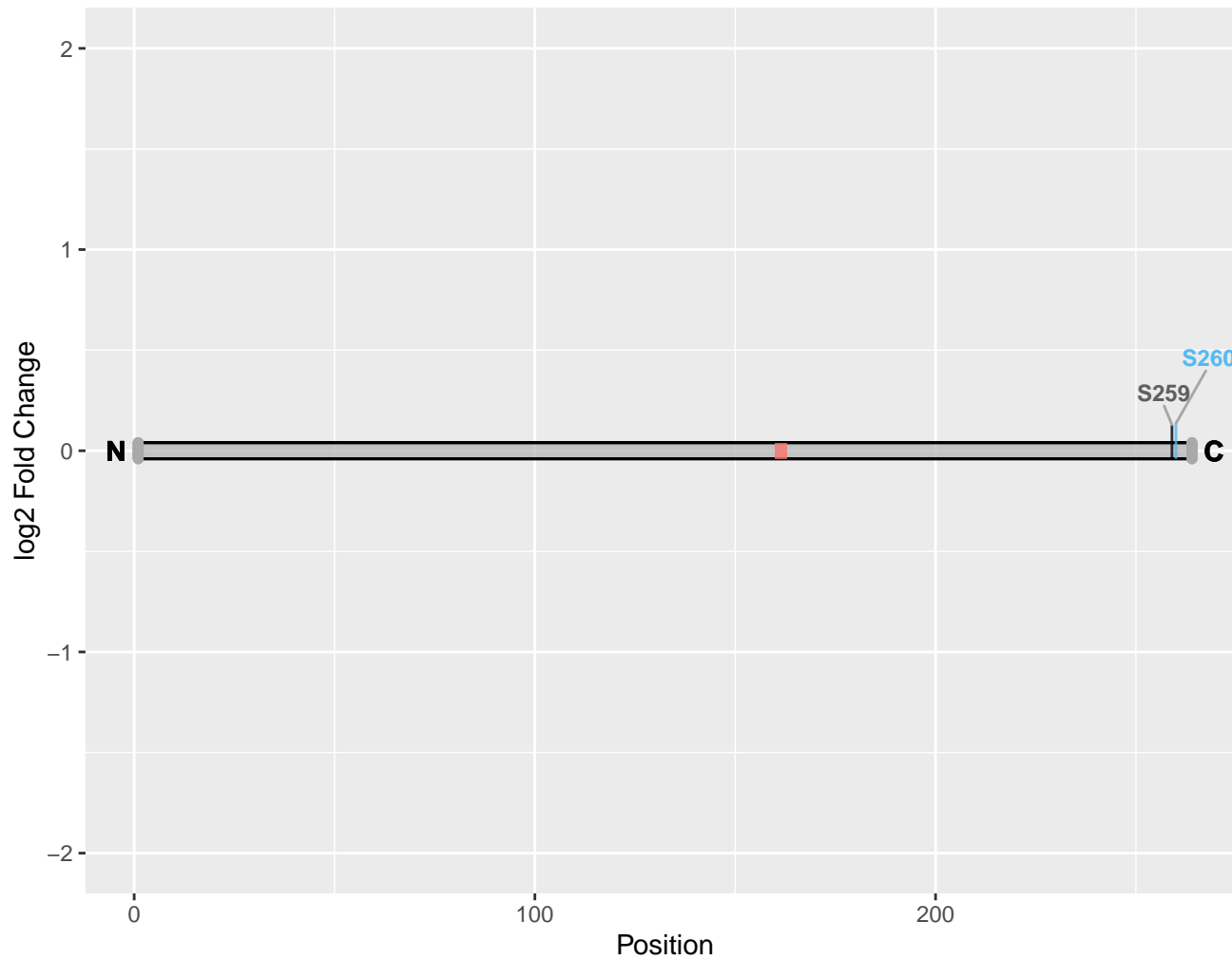
Protein cordon-bleu



Comt

Uniprot Accession: P22734

Catechol O-methyltransferase



Regulation:

— SV-cycling-dependent

— not-affected

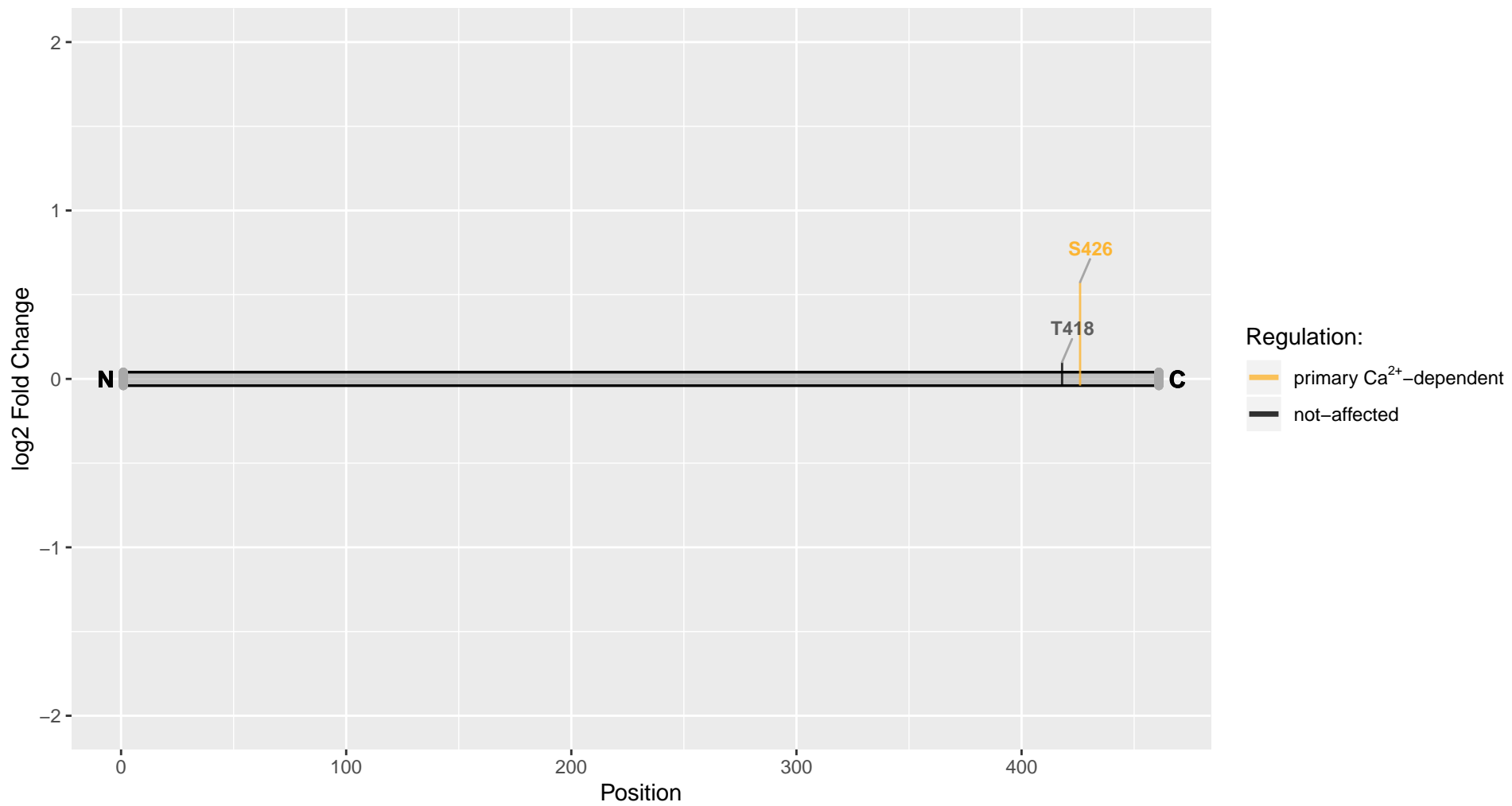
Domains and Regions:

REGION: S-adenosyl-L-methionine binding

Coro1a

Uniprot Accession: Q91ZN1

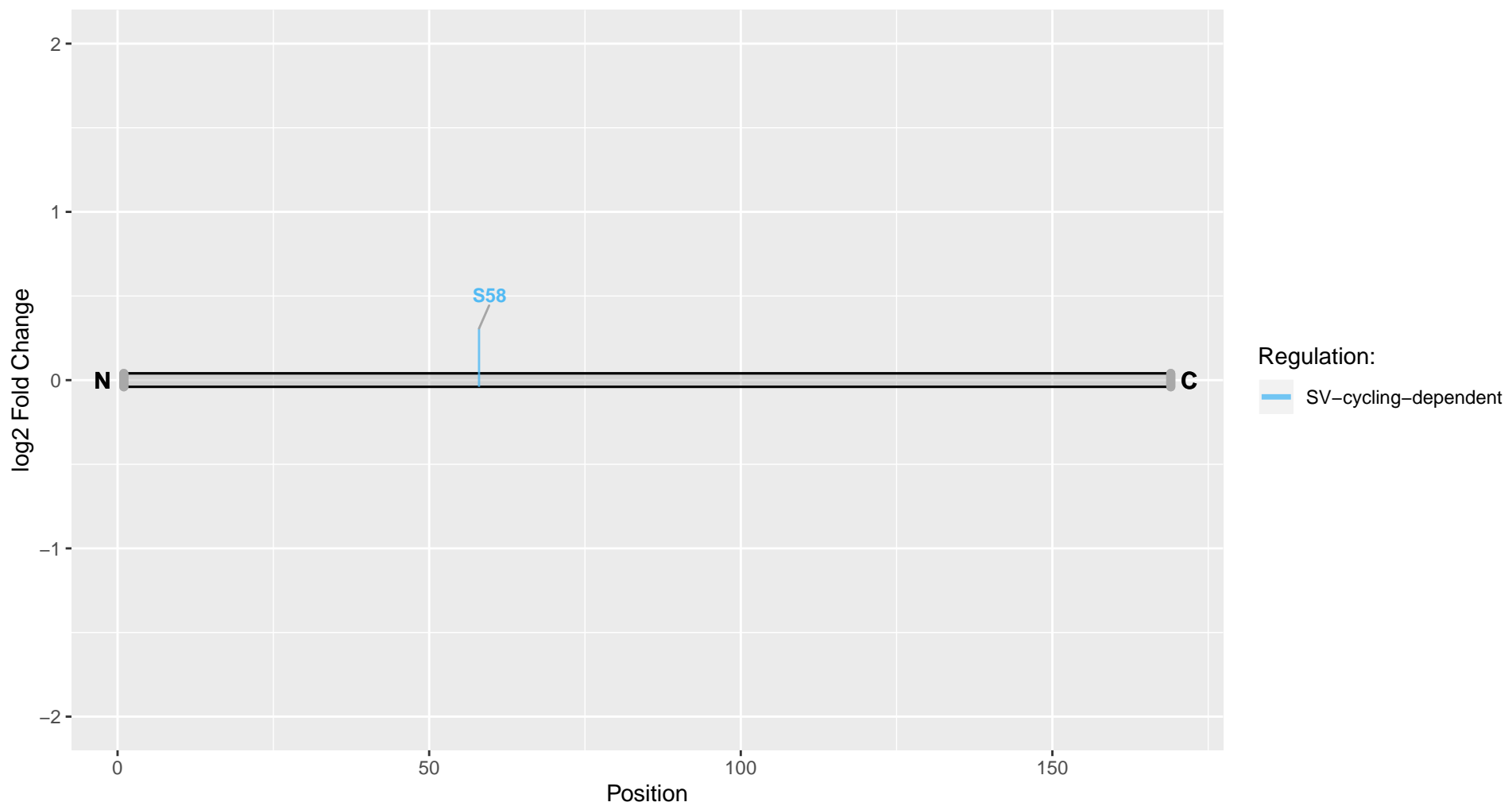
Coronin-1A



Cox4i1

Uniprot Accession: P10888

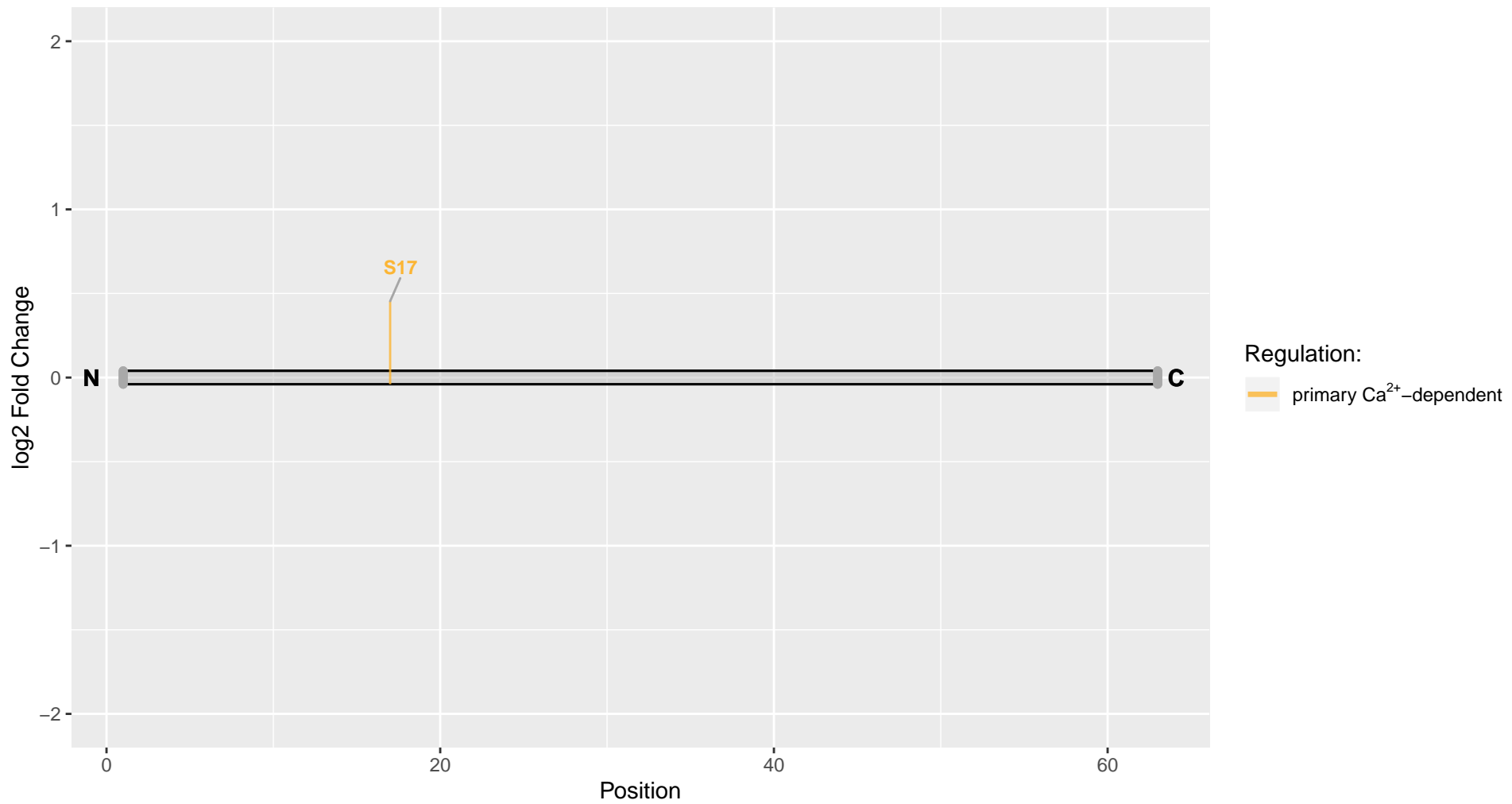
Cytochrome c oxidase subunit 4 isoform 1, mitochondrial



Cox7c

Uniprot Accession: P80432

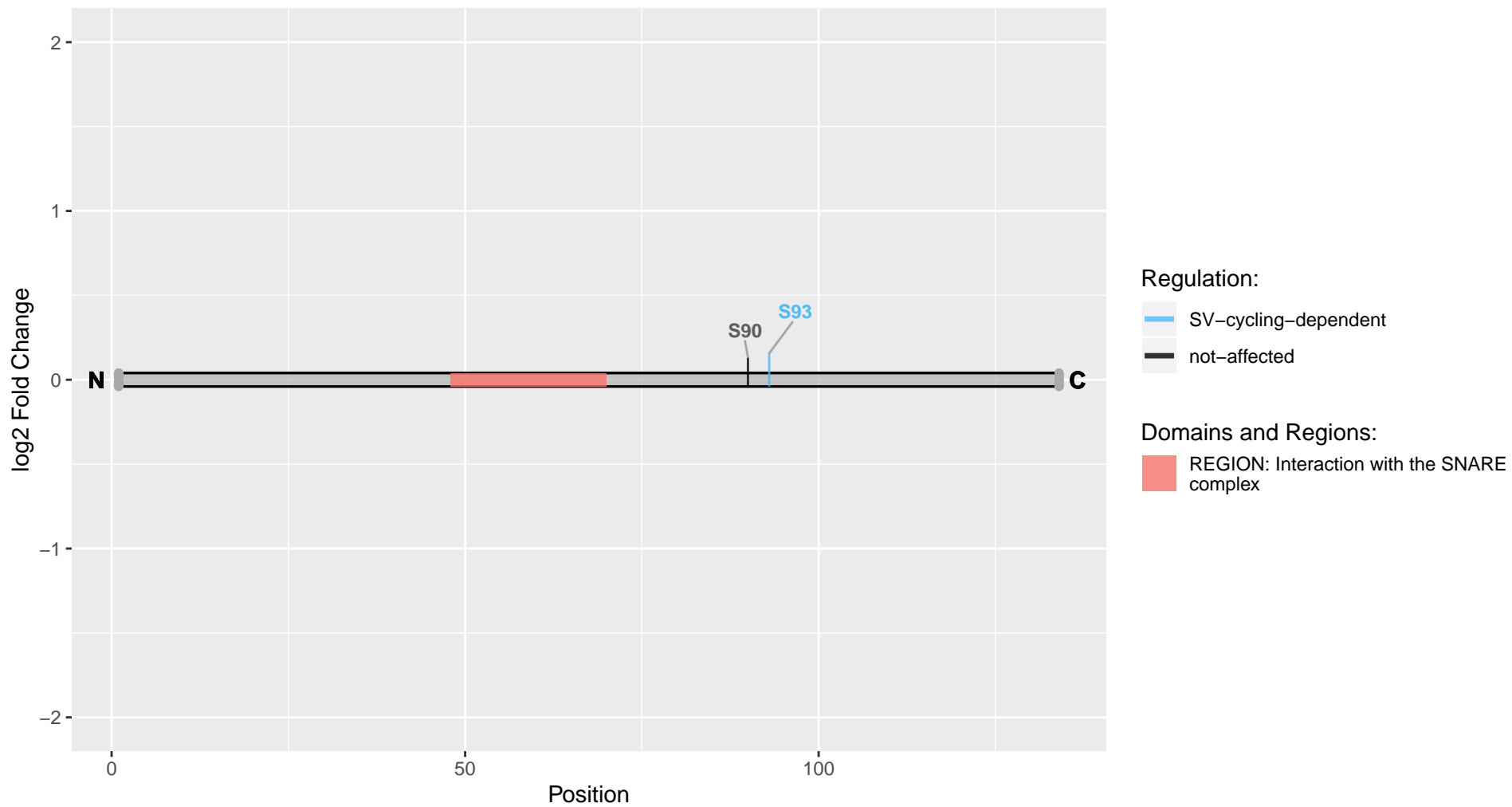
Cytochrome c oxidase subunit 7C, mitochondrial



Cplx1

Uniprot Accession: P63041

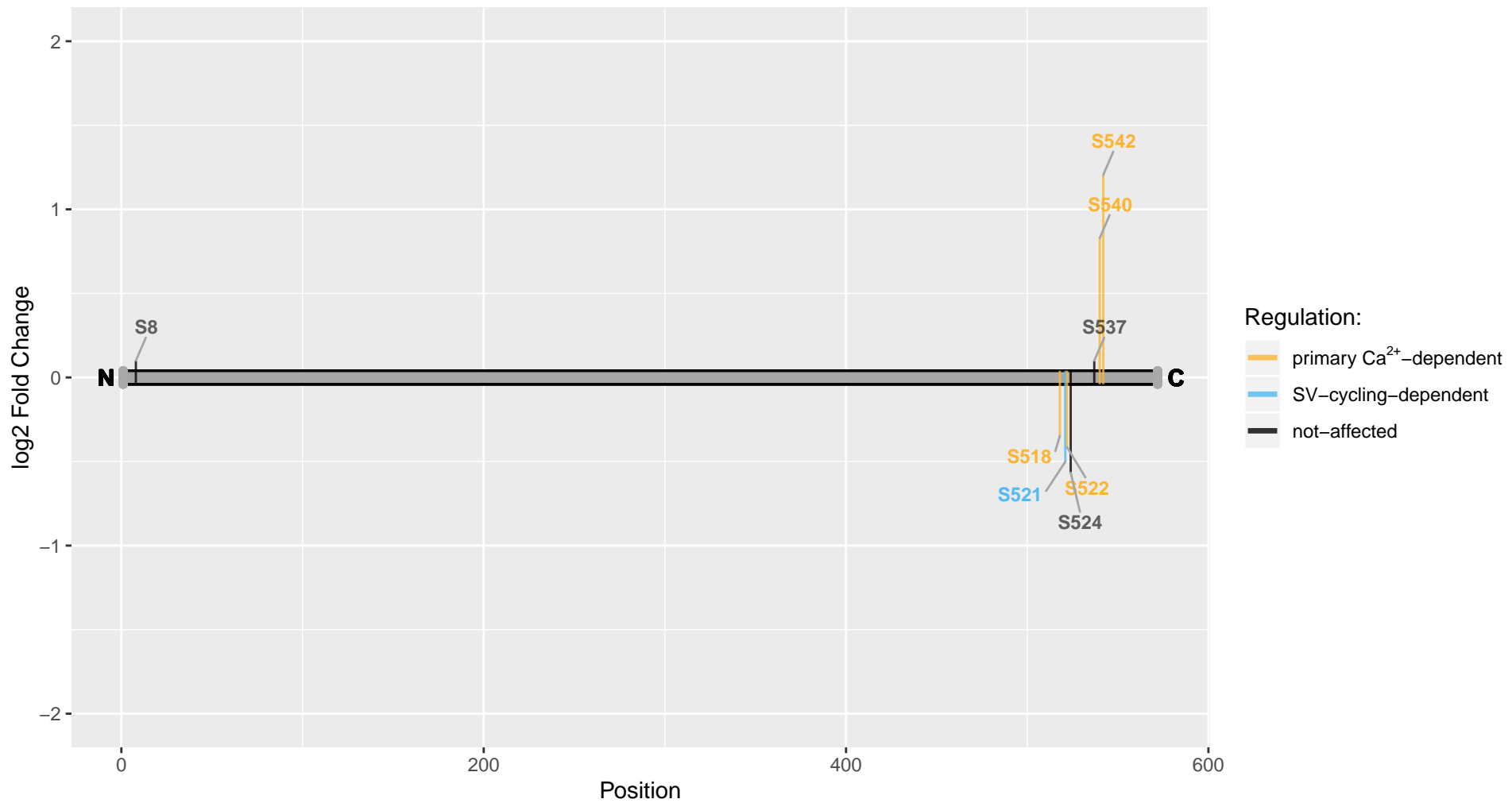
Complexin-1



Crmp1

Uniprot Accession: Q62950

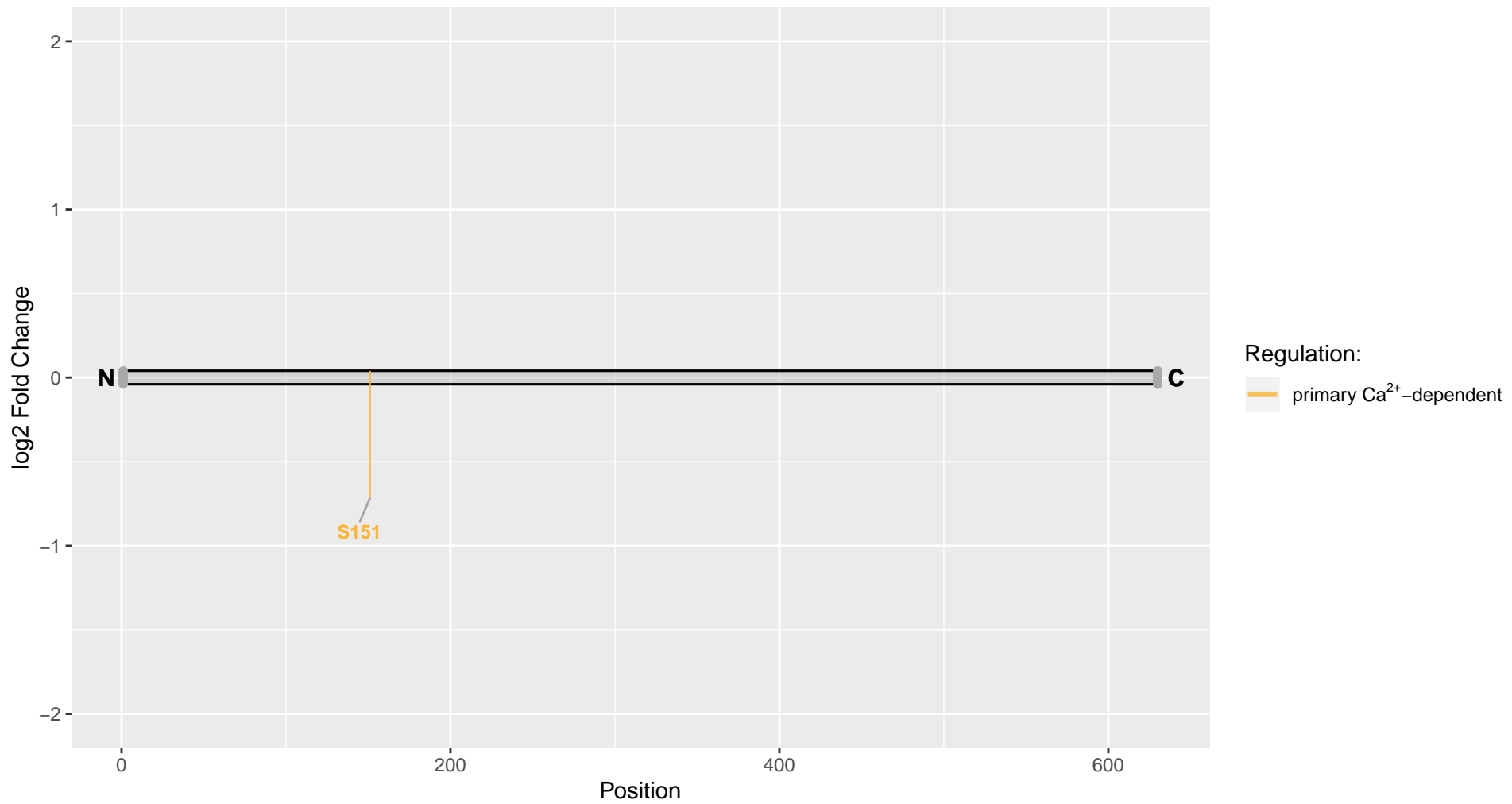
Dihydropyrimidinase-related protein 1



Crtc1

Uniprot Accession: Q157S1

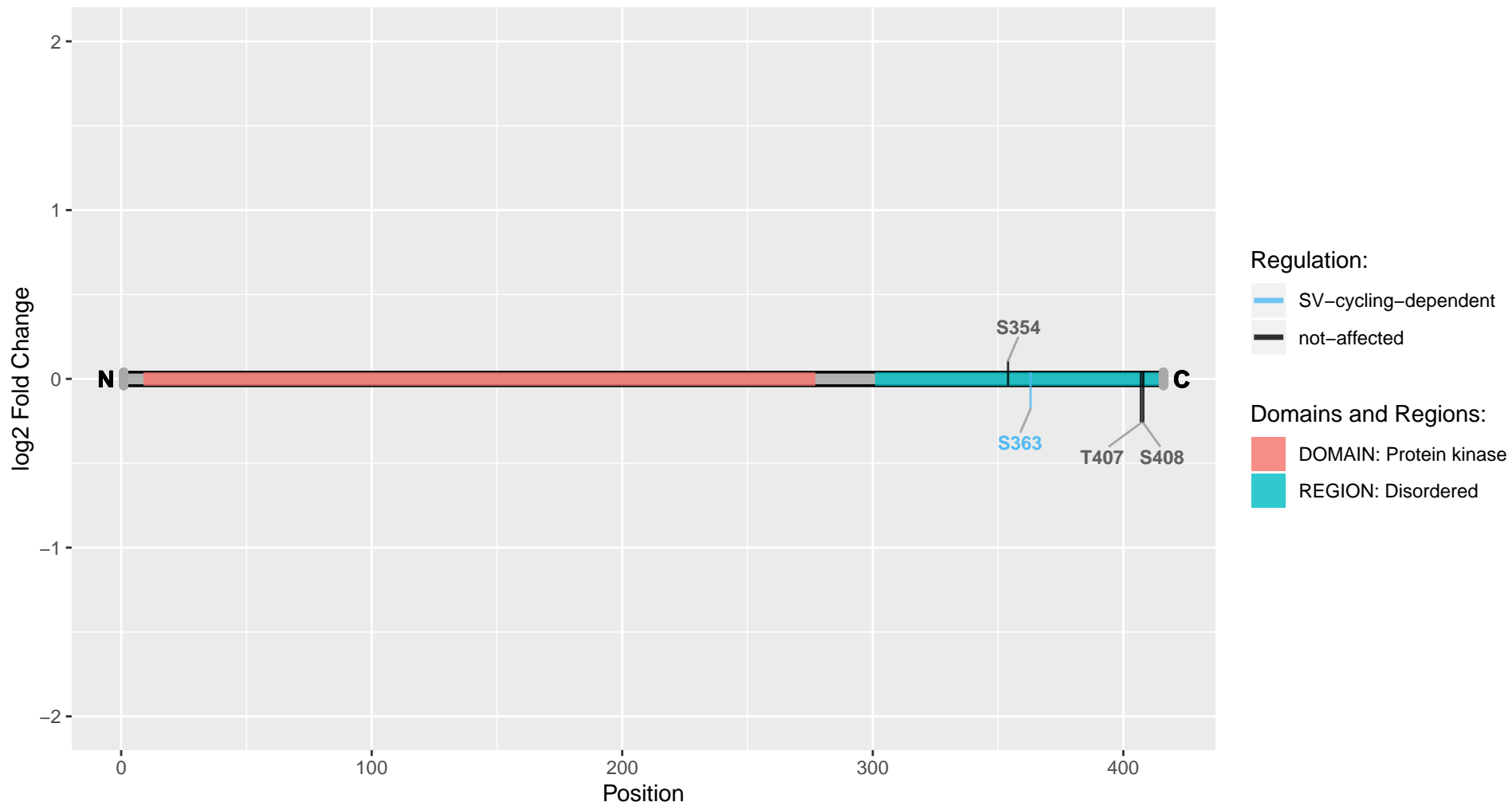
CREB-regulated transcription coactivator 1



Csnk1e

Uniprot Accession: Q9JJ76

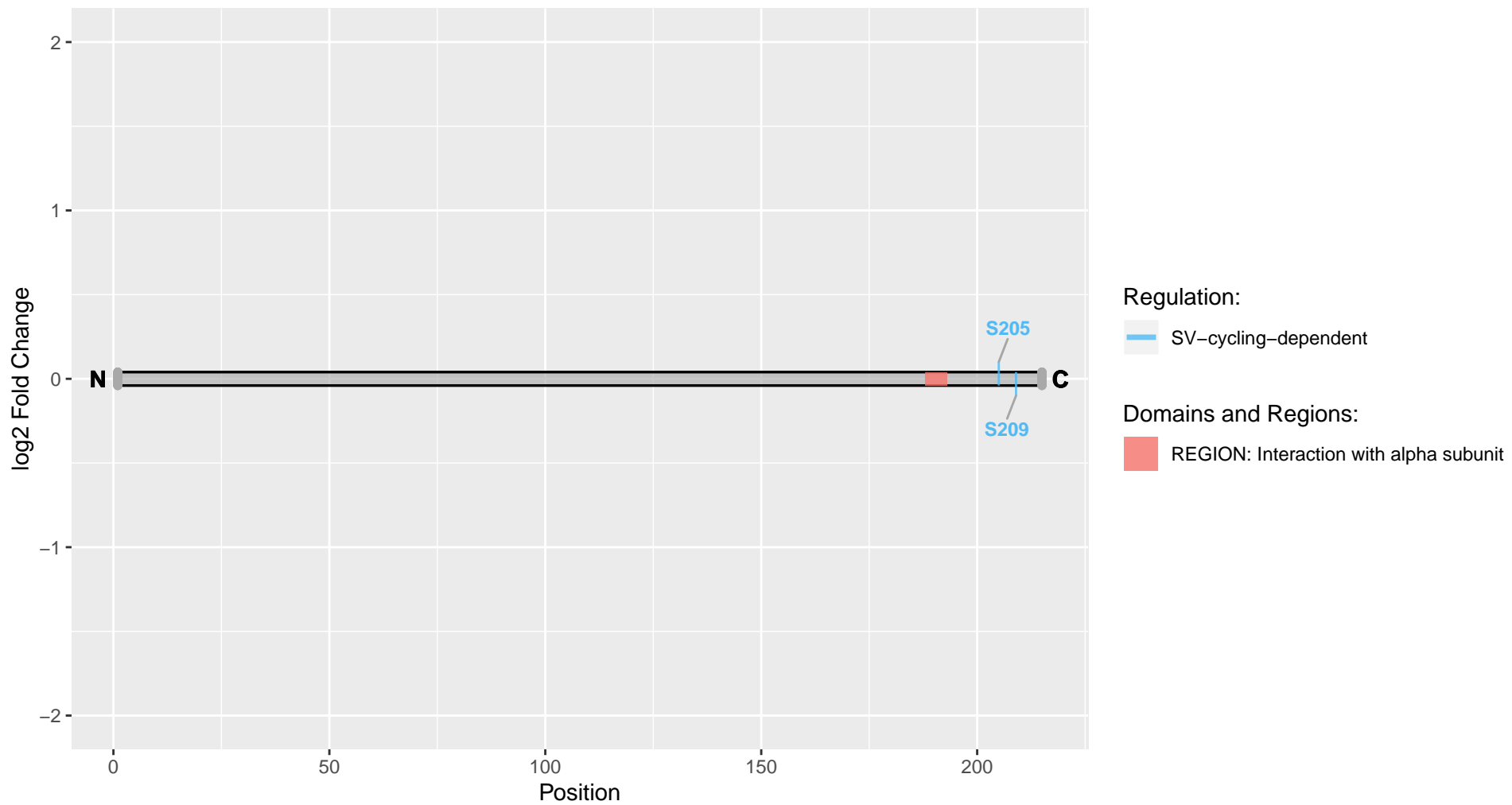
Casein kinase 1 epsilon



Csnk2b

Uniprot Accession: P67874

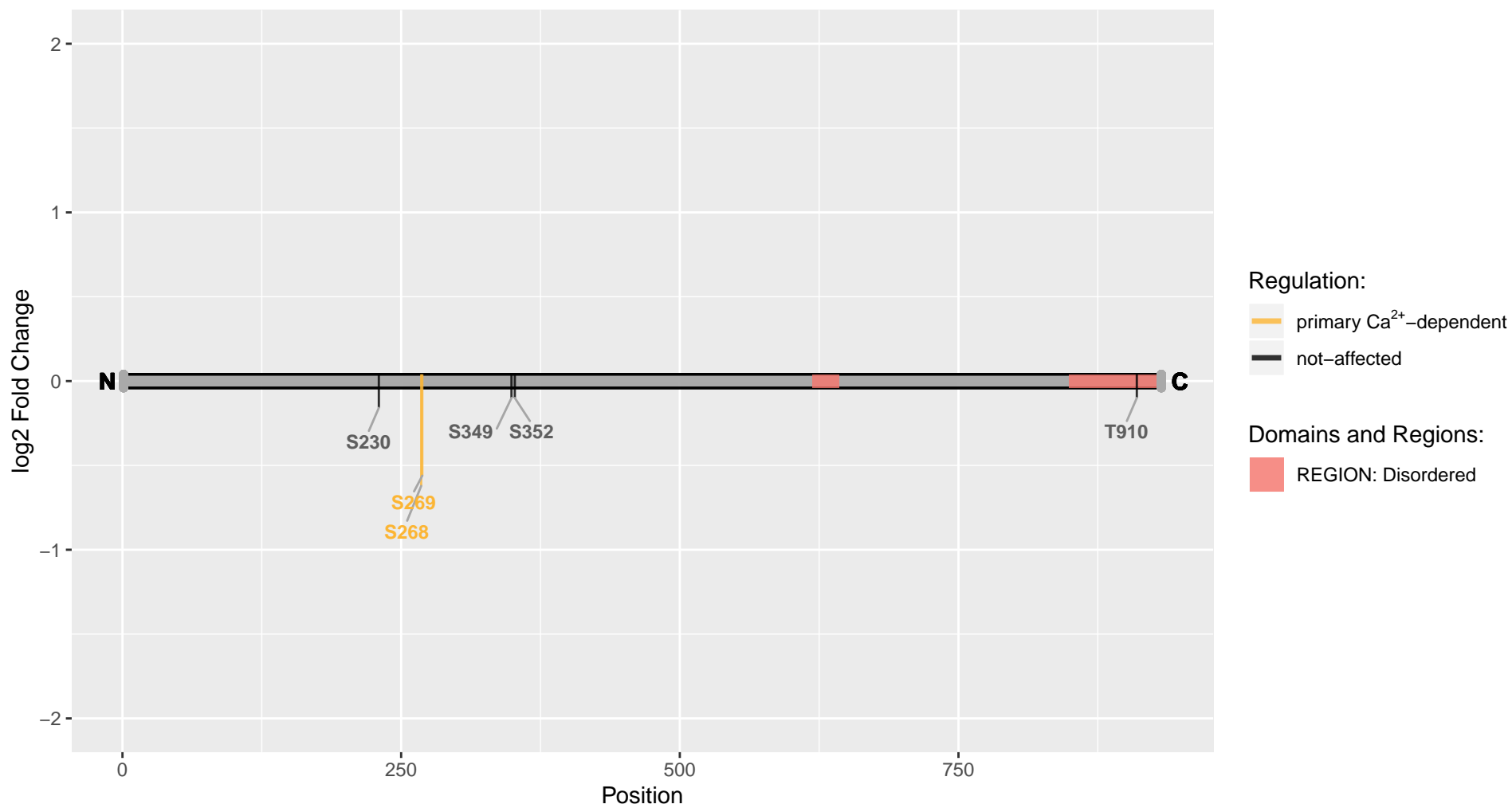
Casein kinase II subunit beta



Ctnnd1

Uniprot Accession: D3ZZZ9

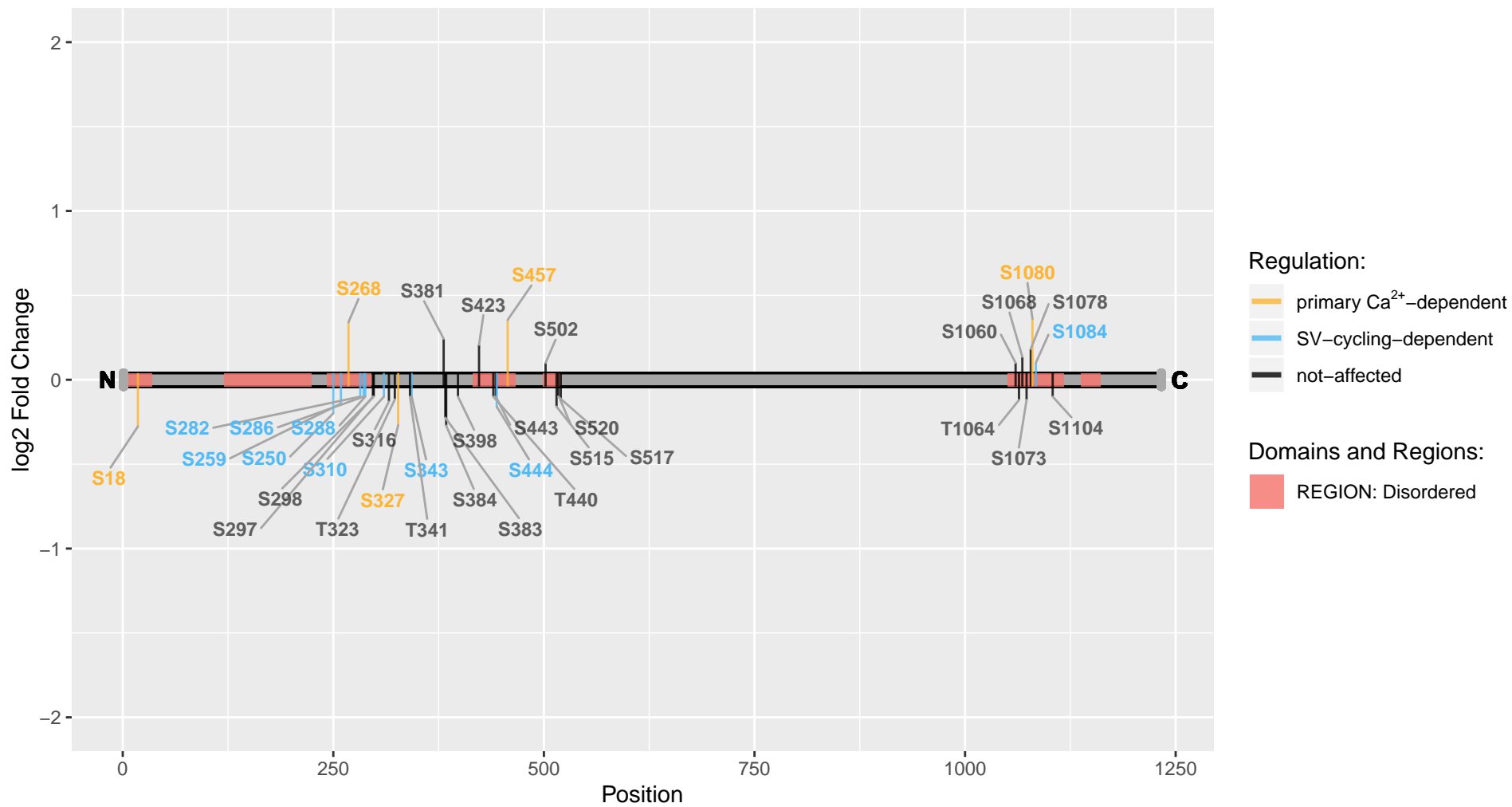
Catenin (Cadherin associated protein), delta 1 (Predicted), isoform CRA_a



Ctnnd2

Uniprot Accession: F1M787

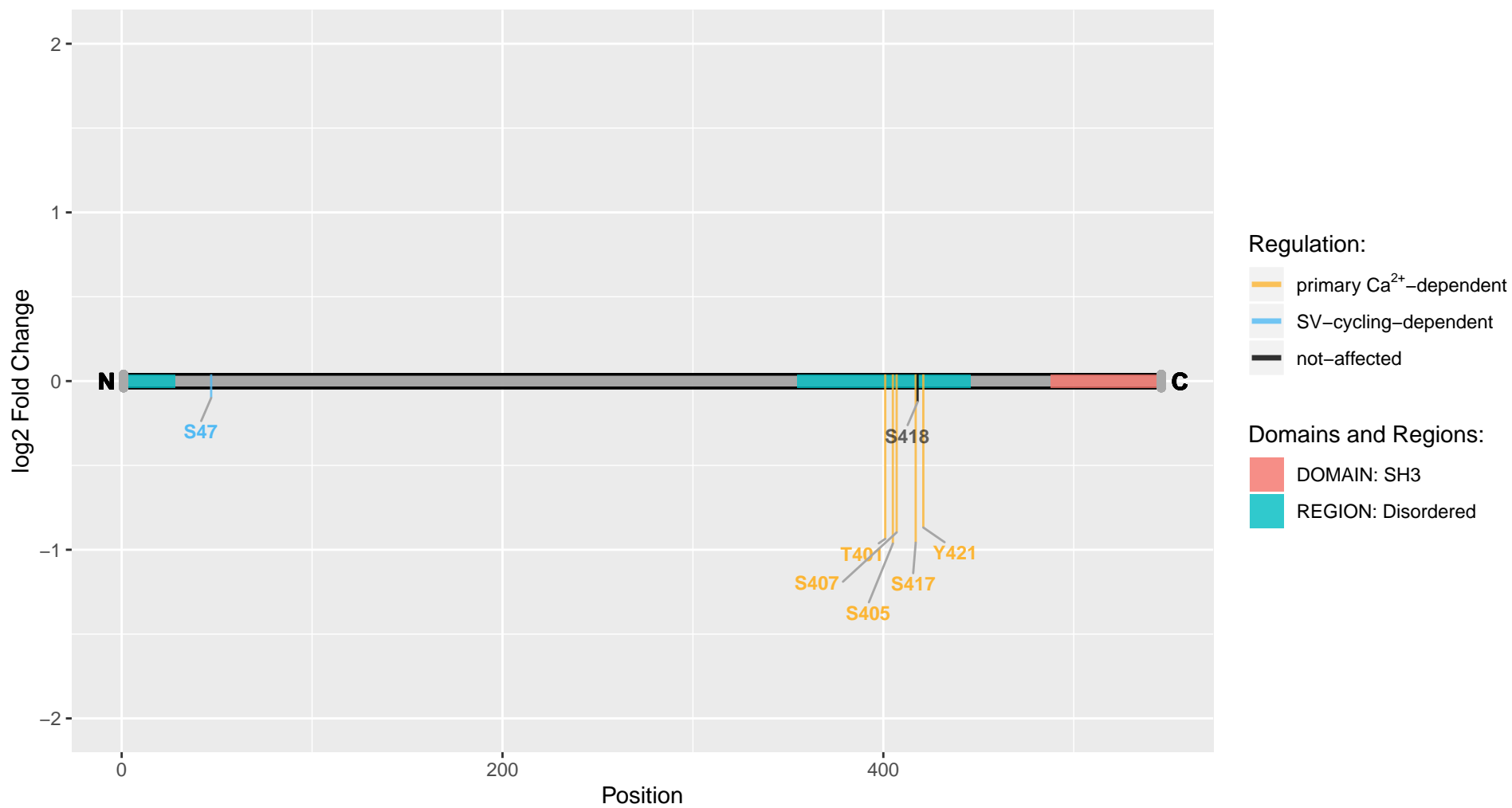
Catenin delta-2



Ctnn

Uniprot Accession: D3ZGE6

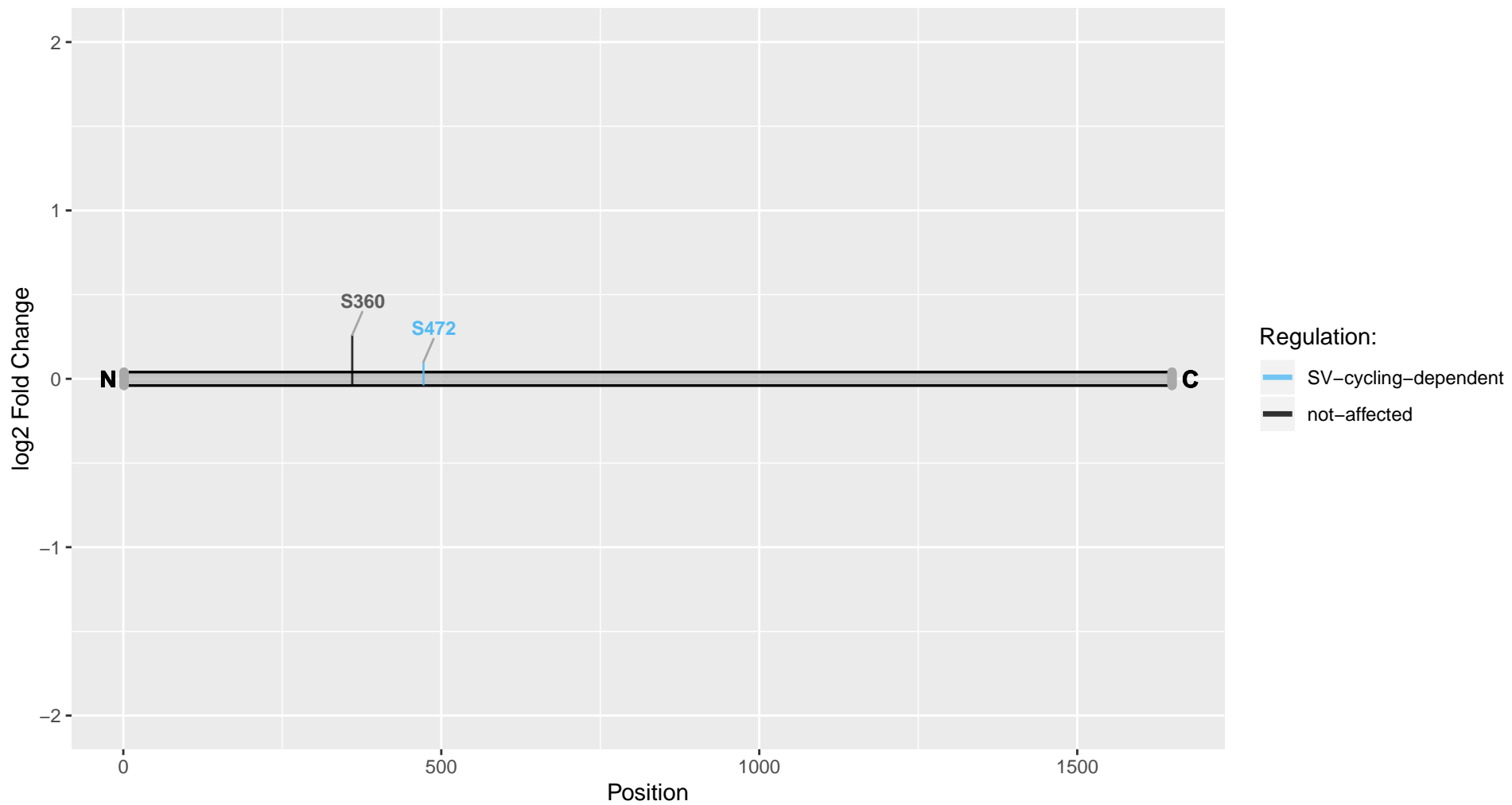
Cortactin, isoform CRA_c



Ctnbp2

Uniprot Accession: Q2IBD4

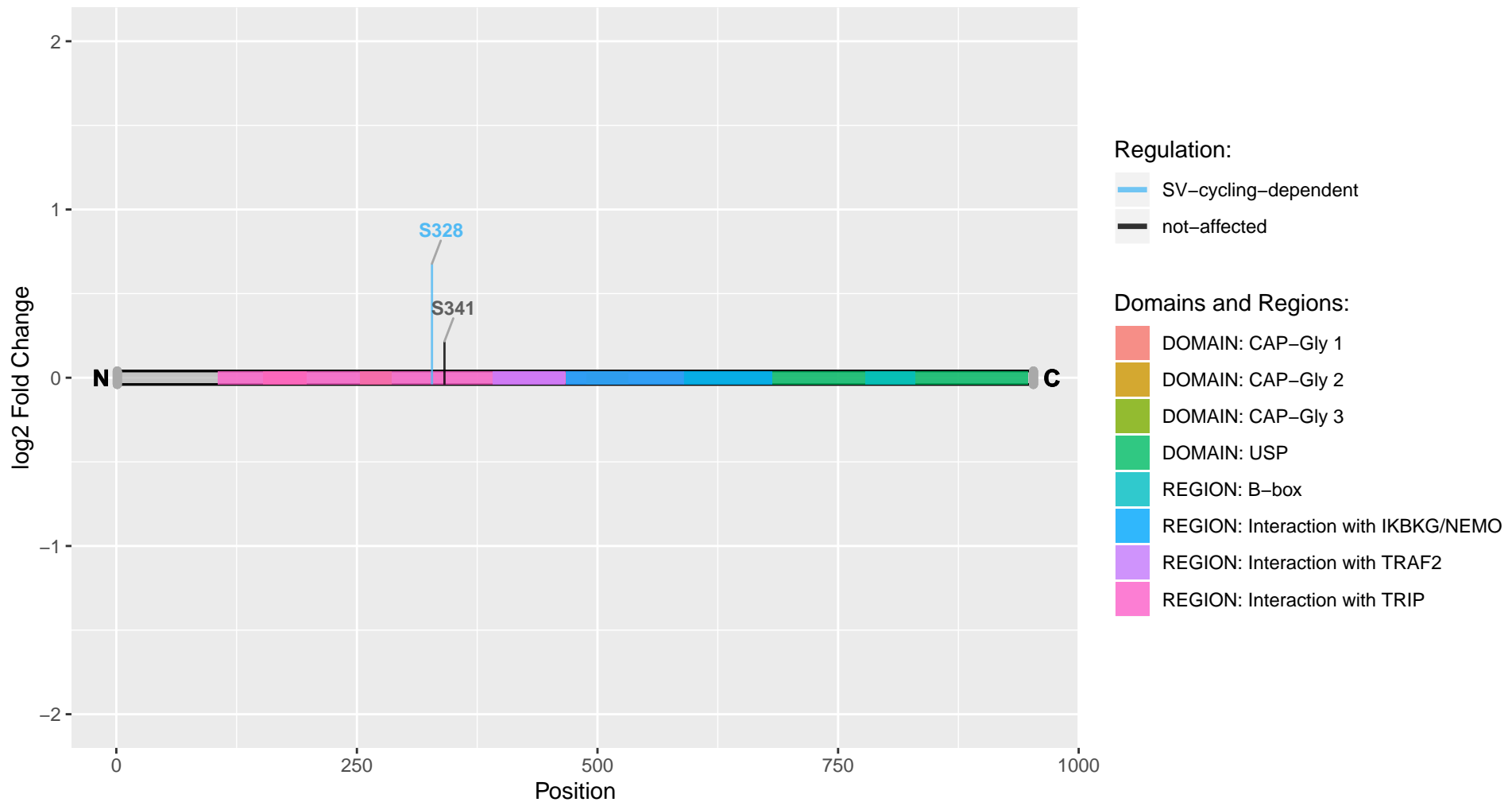
Cortactin-binding protein 2



Cyld

Uniprot Accession: Q66H62

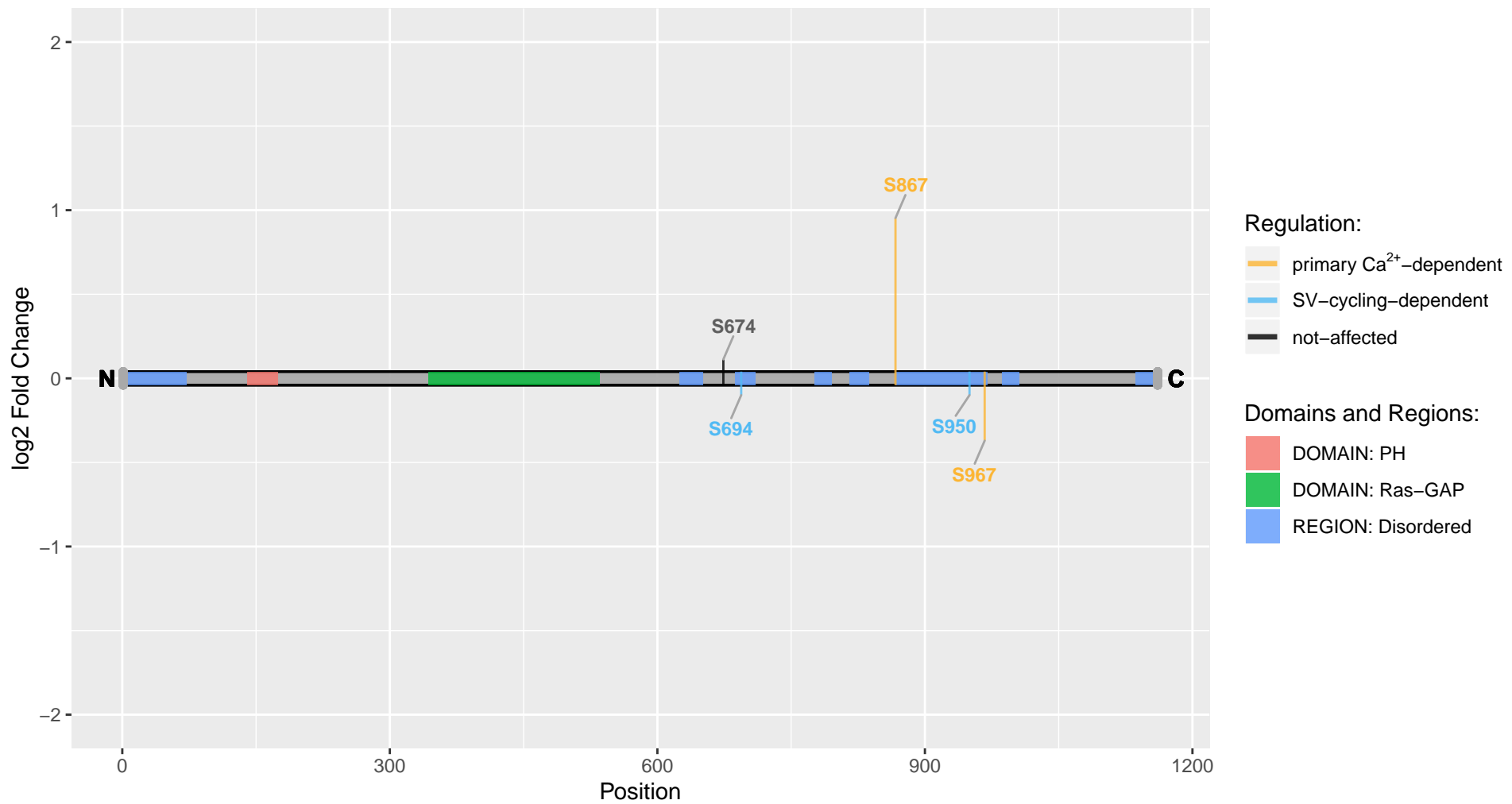
Ubiquitin carboxyl-terminal hydrolase CYLD



Dab2ip

Uniprot Accession: A0A0G2JTF2

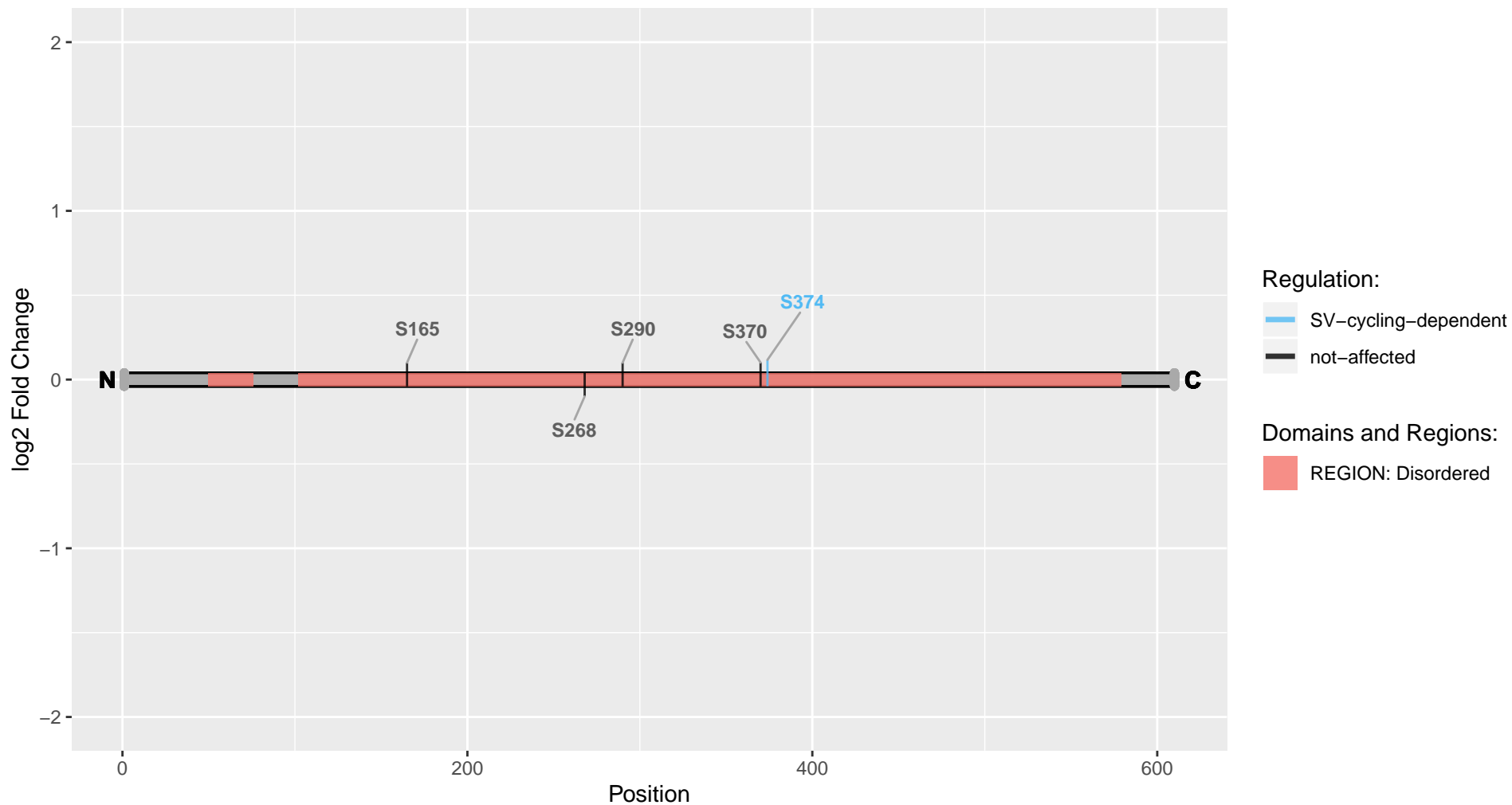
Disabled homolog 2-interacting protein



Dact3

Uniprot Accession: M0R4J7

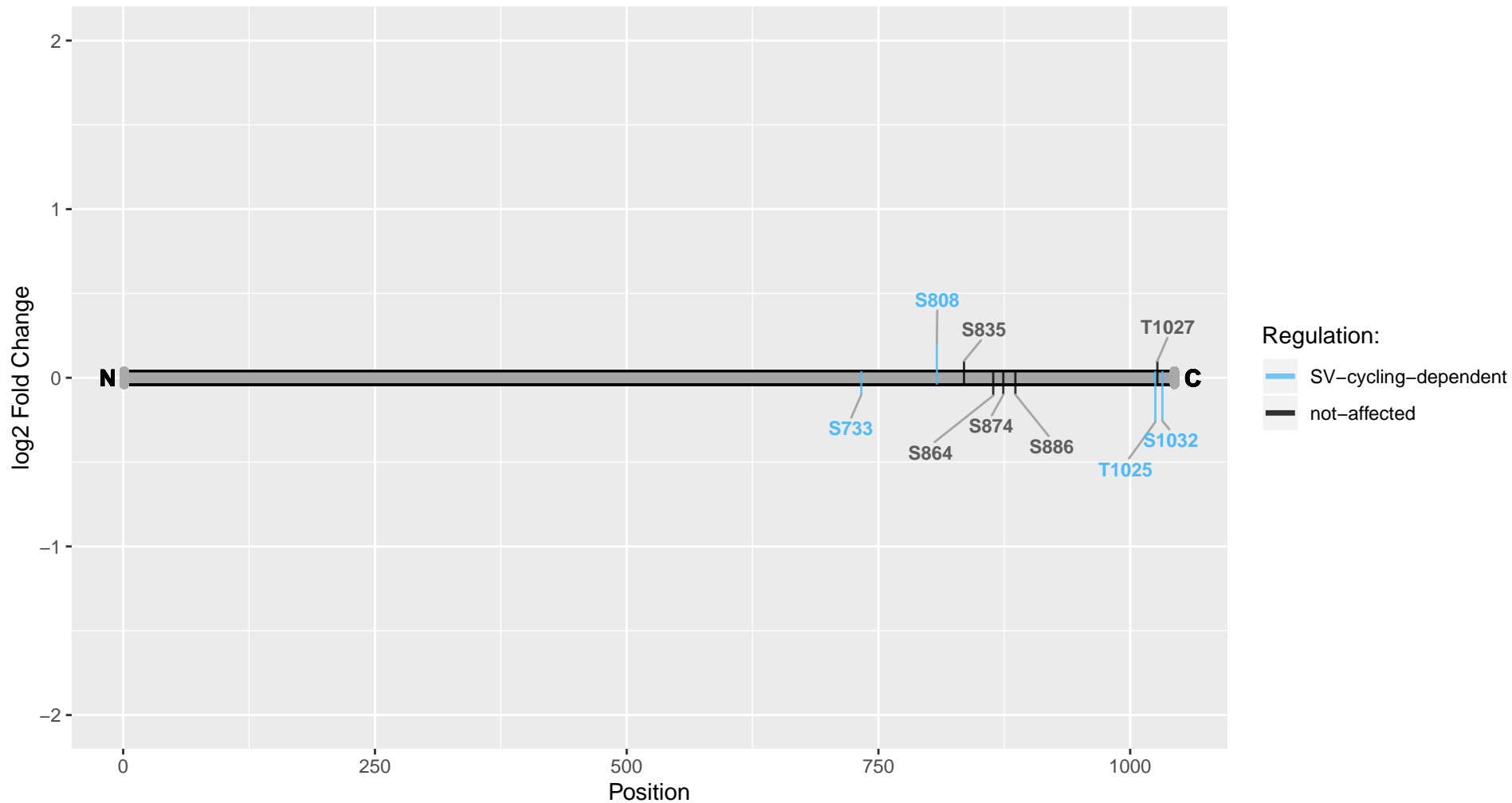
Dishevelled-binding antagonist of beta-catenin 3



Dagla

Uniprot Accession: Q5YLM1

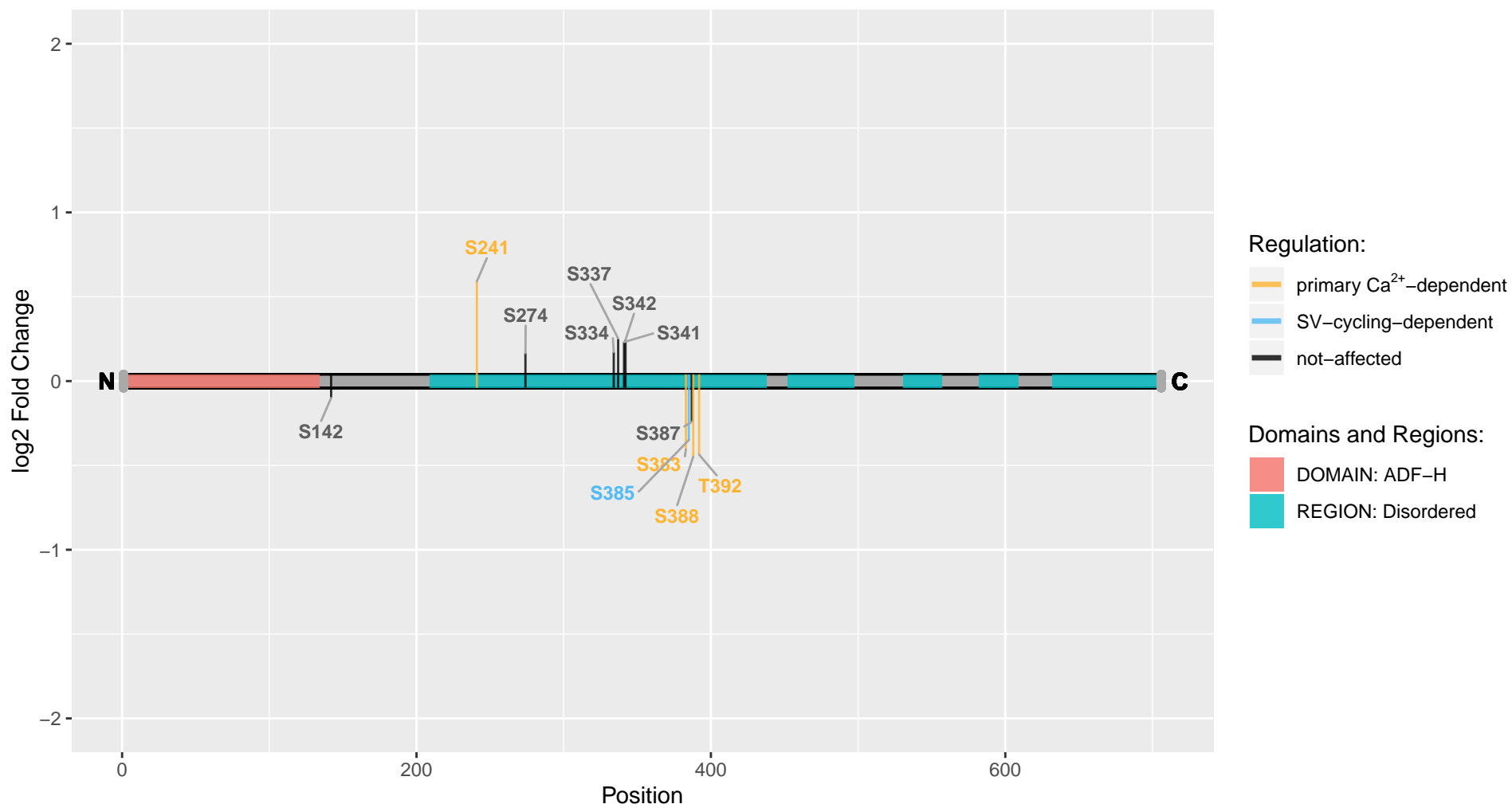
Sn1-specific diacylglycerol lipase alpha



Dbn1

Uniprot Accession: A0A0H2UHL9

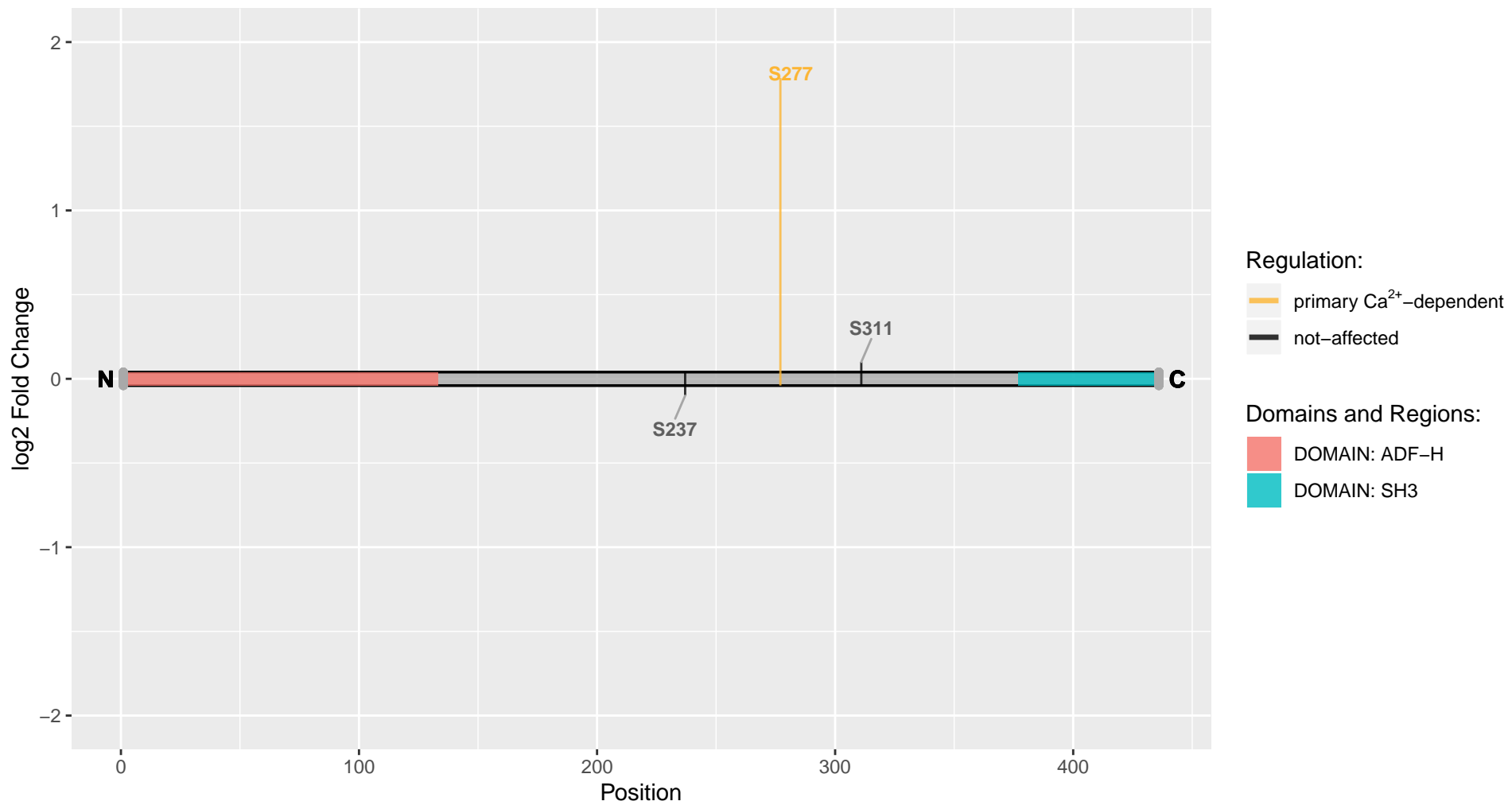
Drebrin



Dbnl

Uniprot Accession: Q9JHL4

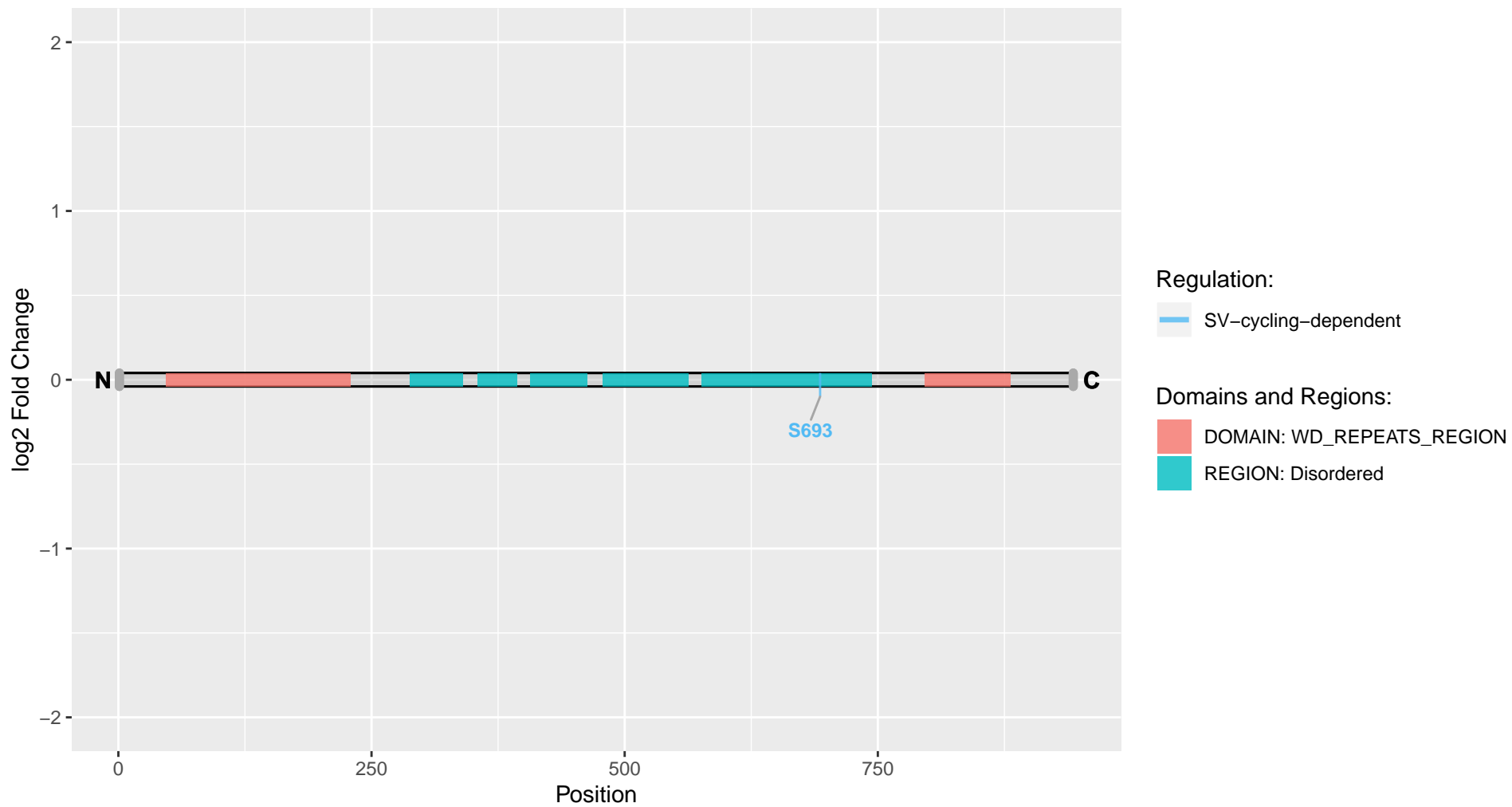
Drebrin-like protein



Dcaf6

Uniprot Accession: D4A8L4

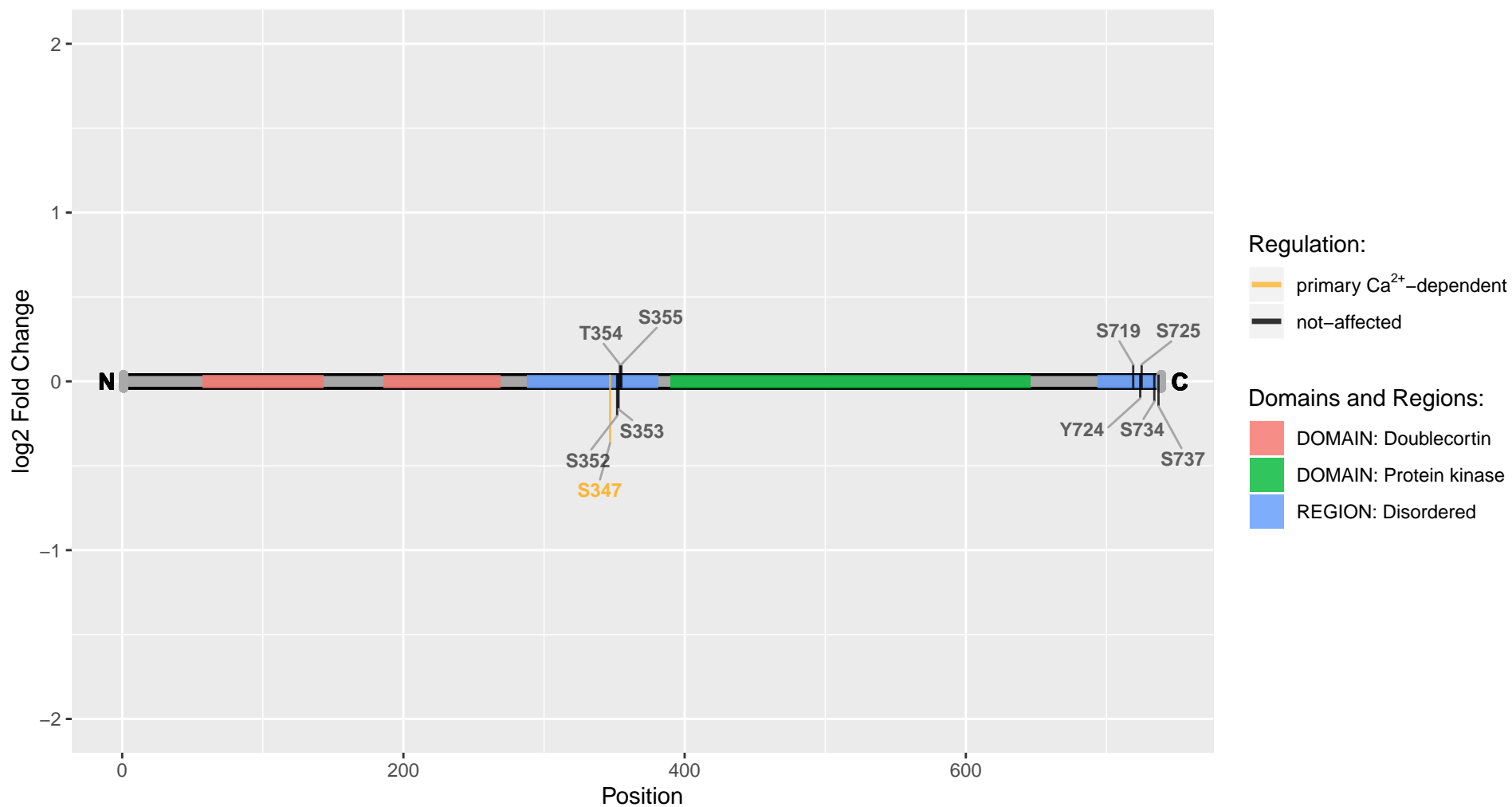
DDB1 and CUL4-associated factor 6



Dclk1

Uniprot Accession: A0A1W2Q6Q2

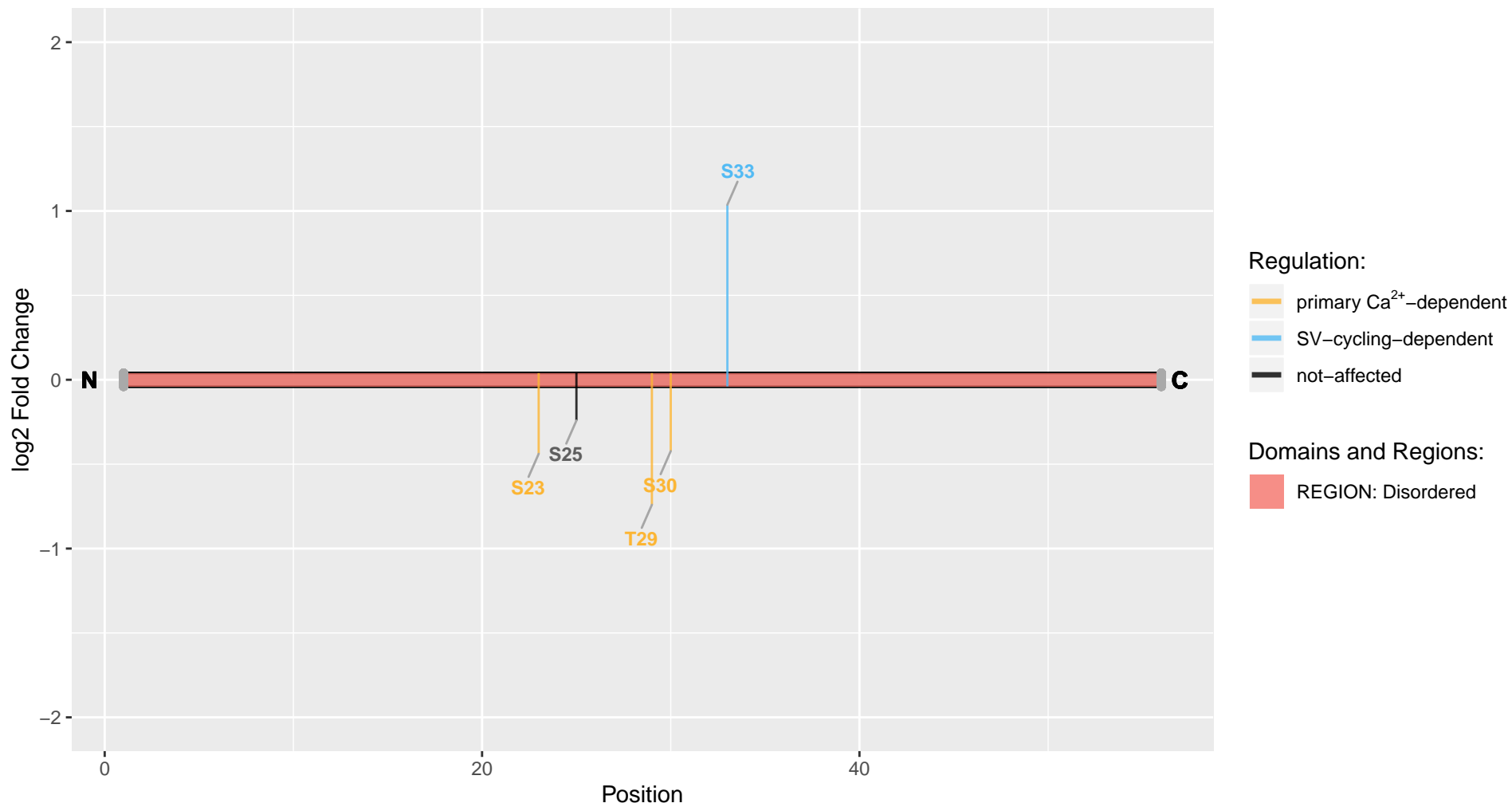
Serine/threonine-protein kinase DCLK1



Dclk1

Uniprot Accession: Q9WVP7

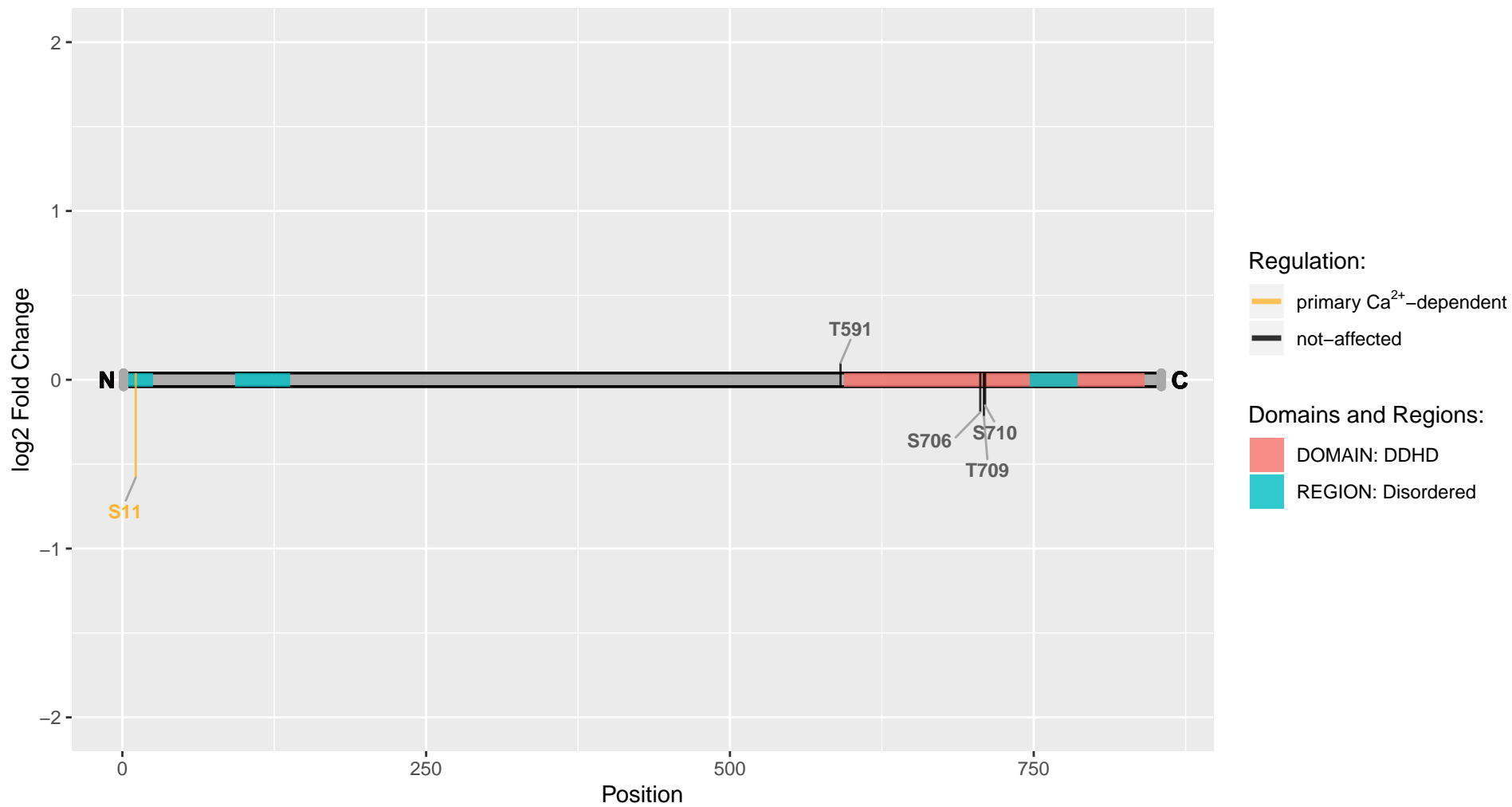
Activity and neurotransmitter-induced early gene protein 4



Ddhd1

Uniprot Accession: Q3ZAU5

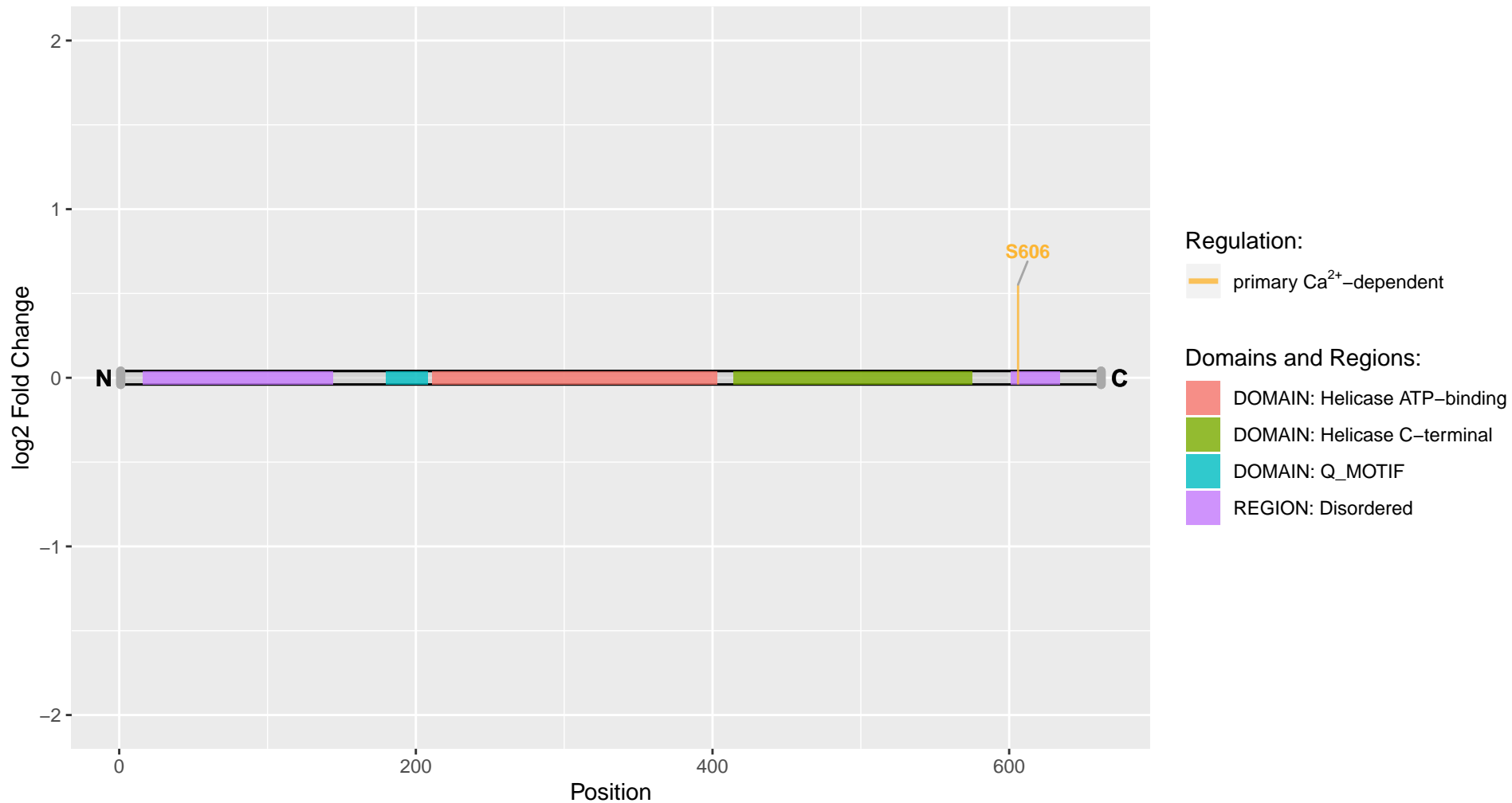
DDHD domain-containing 1



Ddx3x

Uniprot Accession: A0A0G2K719

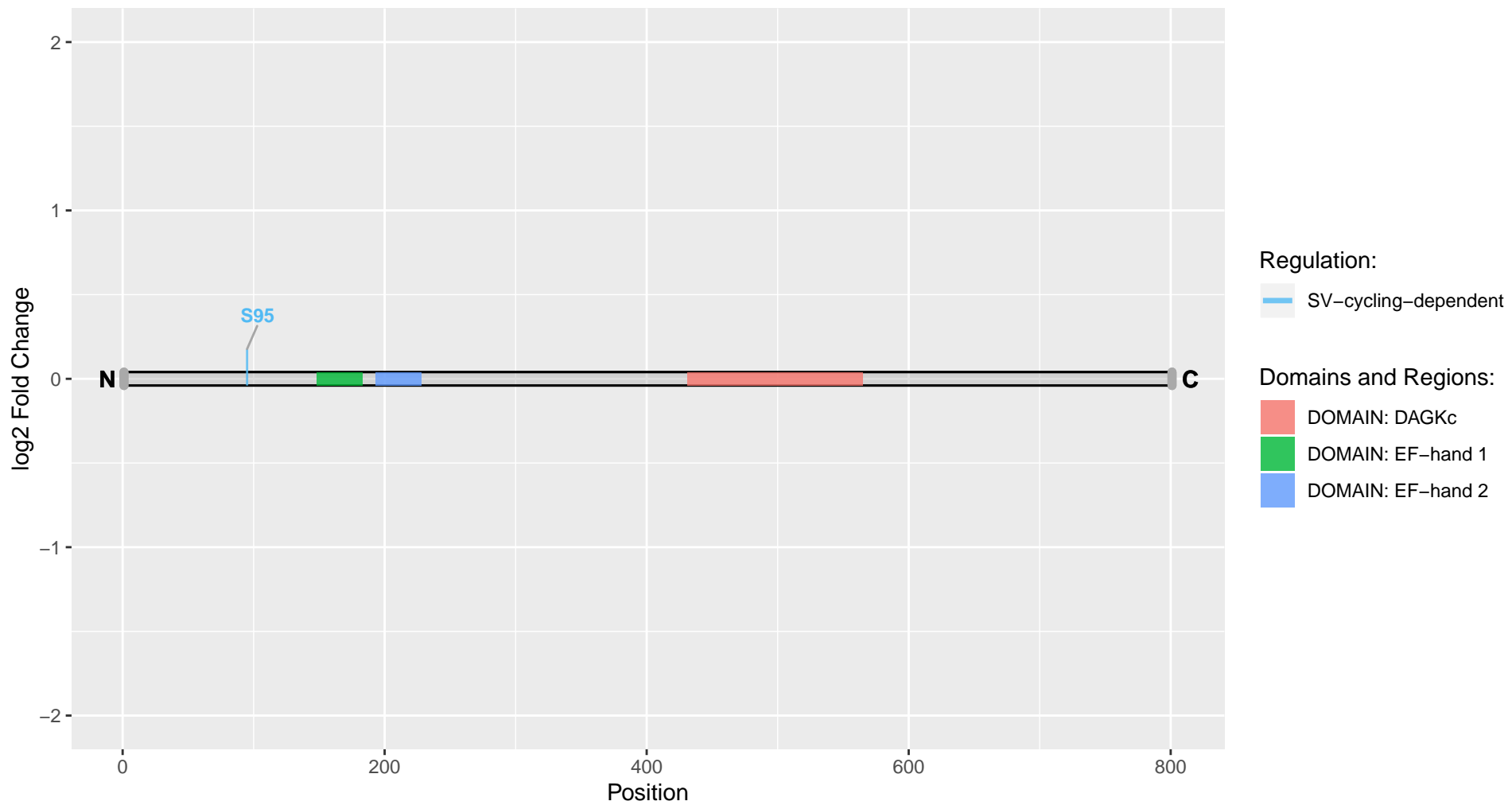
DEAD-box helicase 3, X-linked



Dgkb

Uniprot Accession: P49621

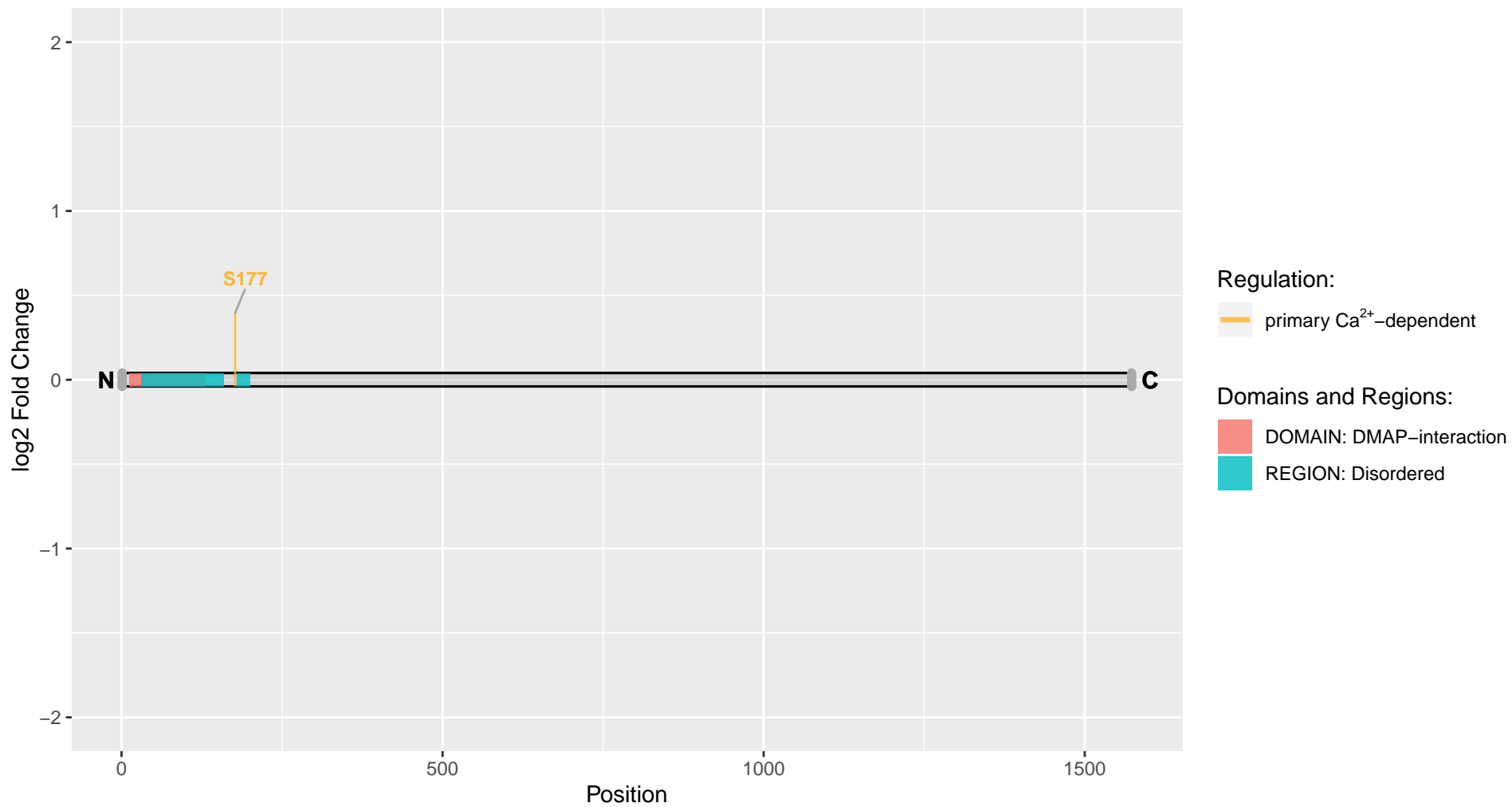
Diacylglycerol kinase beta



Dip2b

Uniprot Accession: A0A0G2JY22

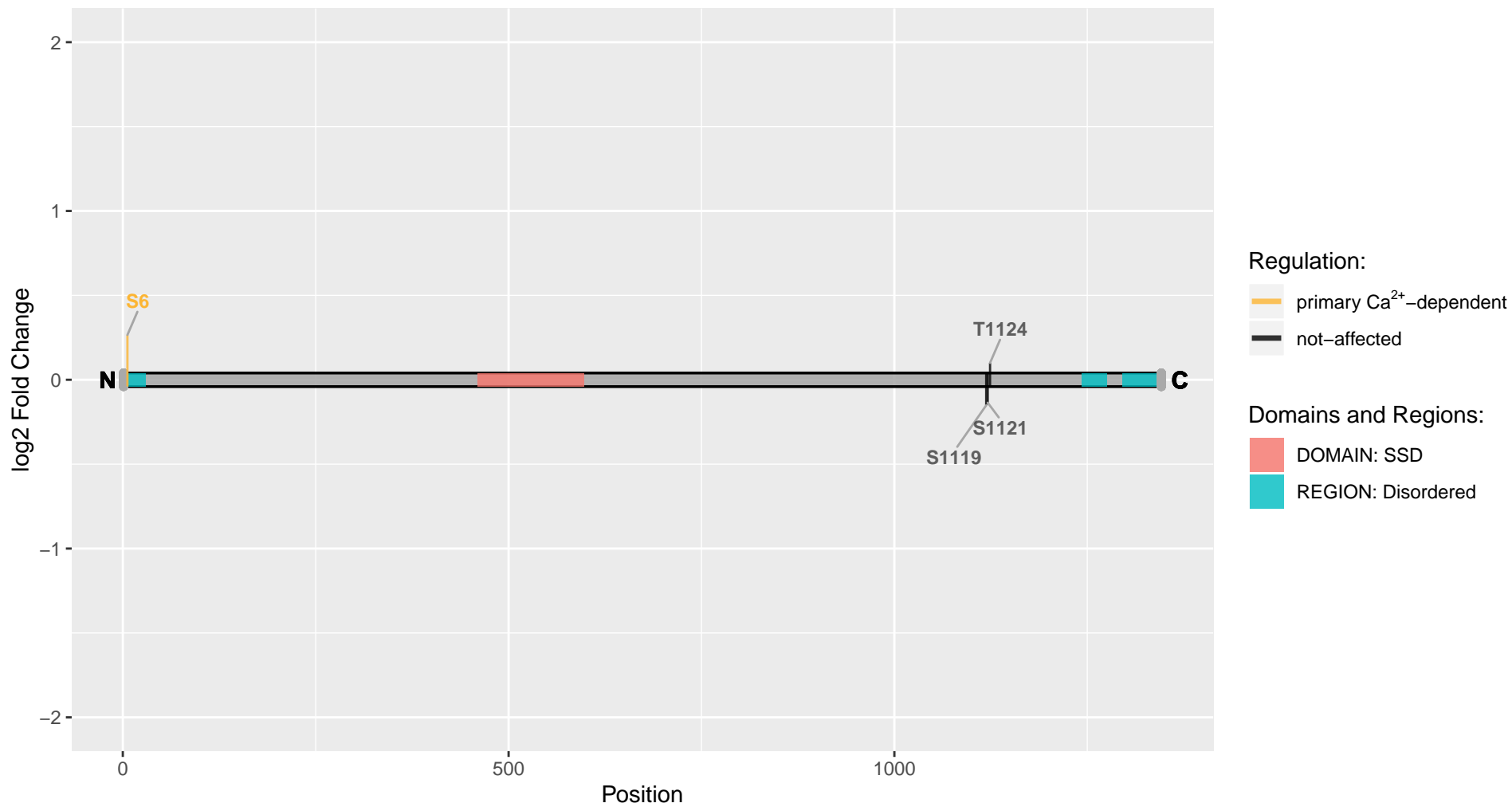
Disco-interacting protein 2 homolog B



Disp2

Uniprot Accession: D3ZBZ6

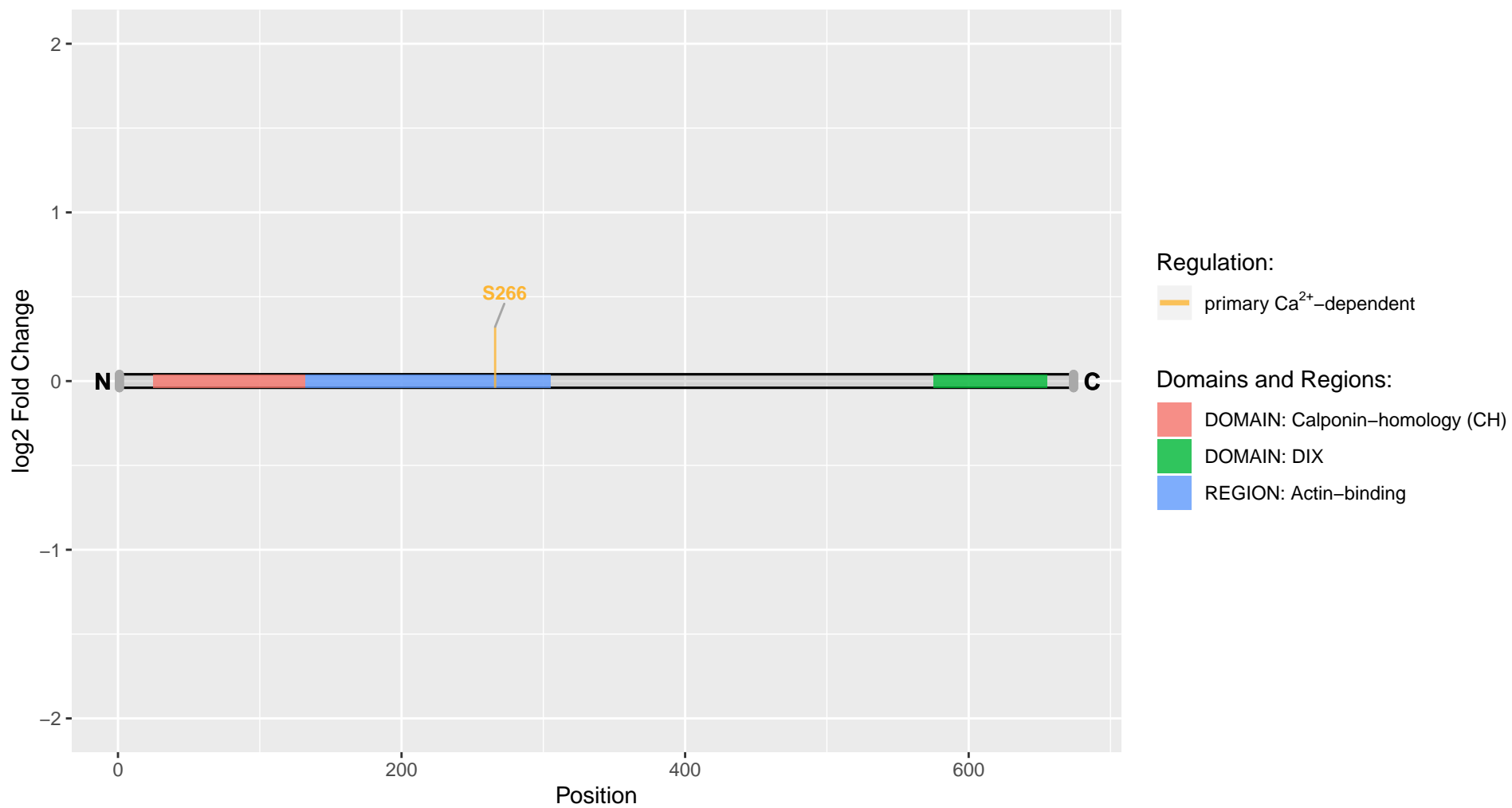
Dispatched RND transporter family member 2



Dixdc1

Uniprot Accession: Q2VUH7

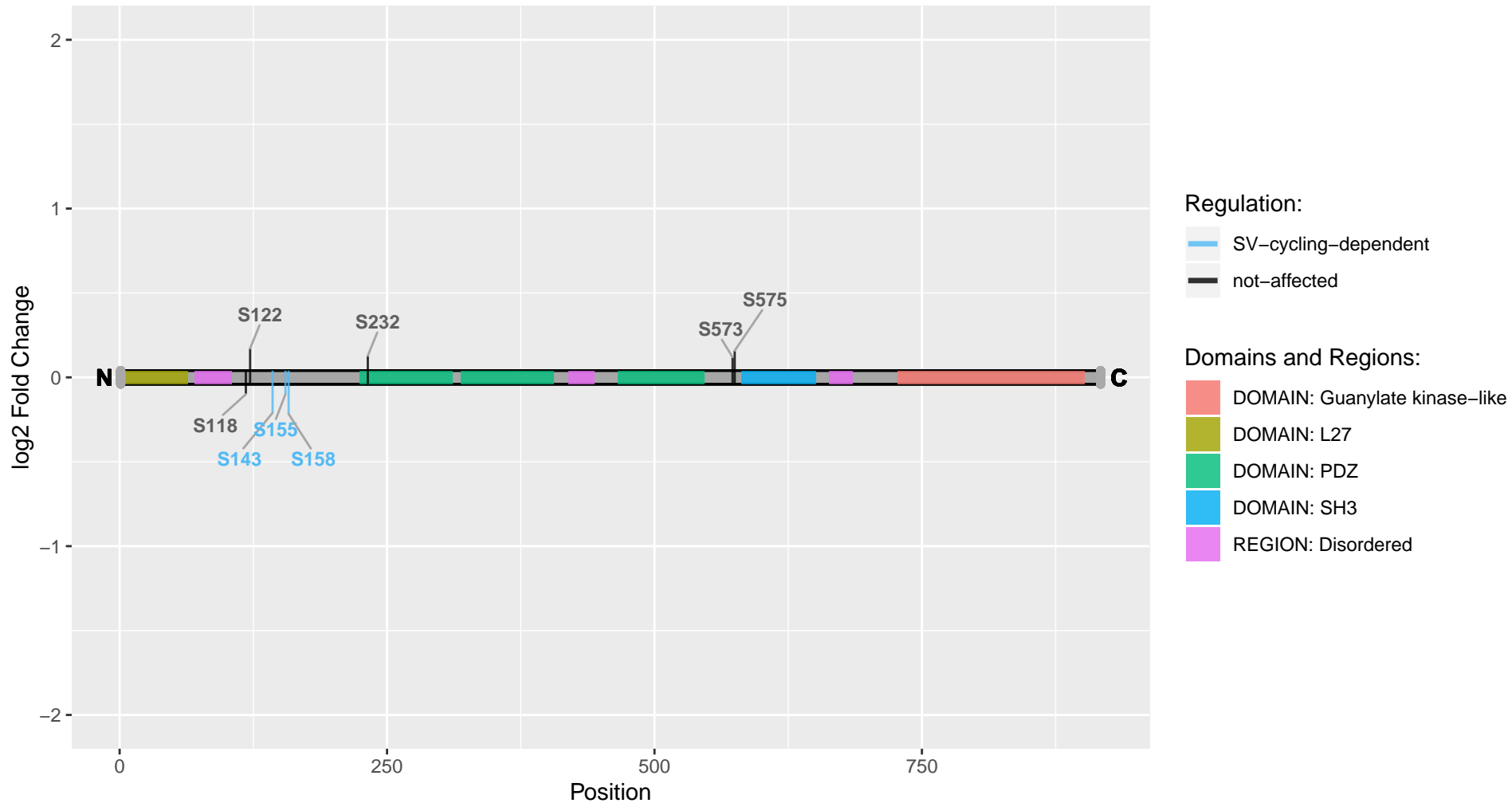
Dixin



Dlg1

Uniprot Accession: A0A0G2K1M2

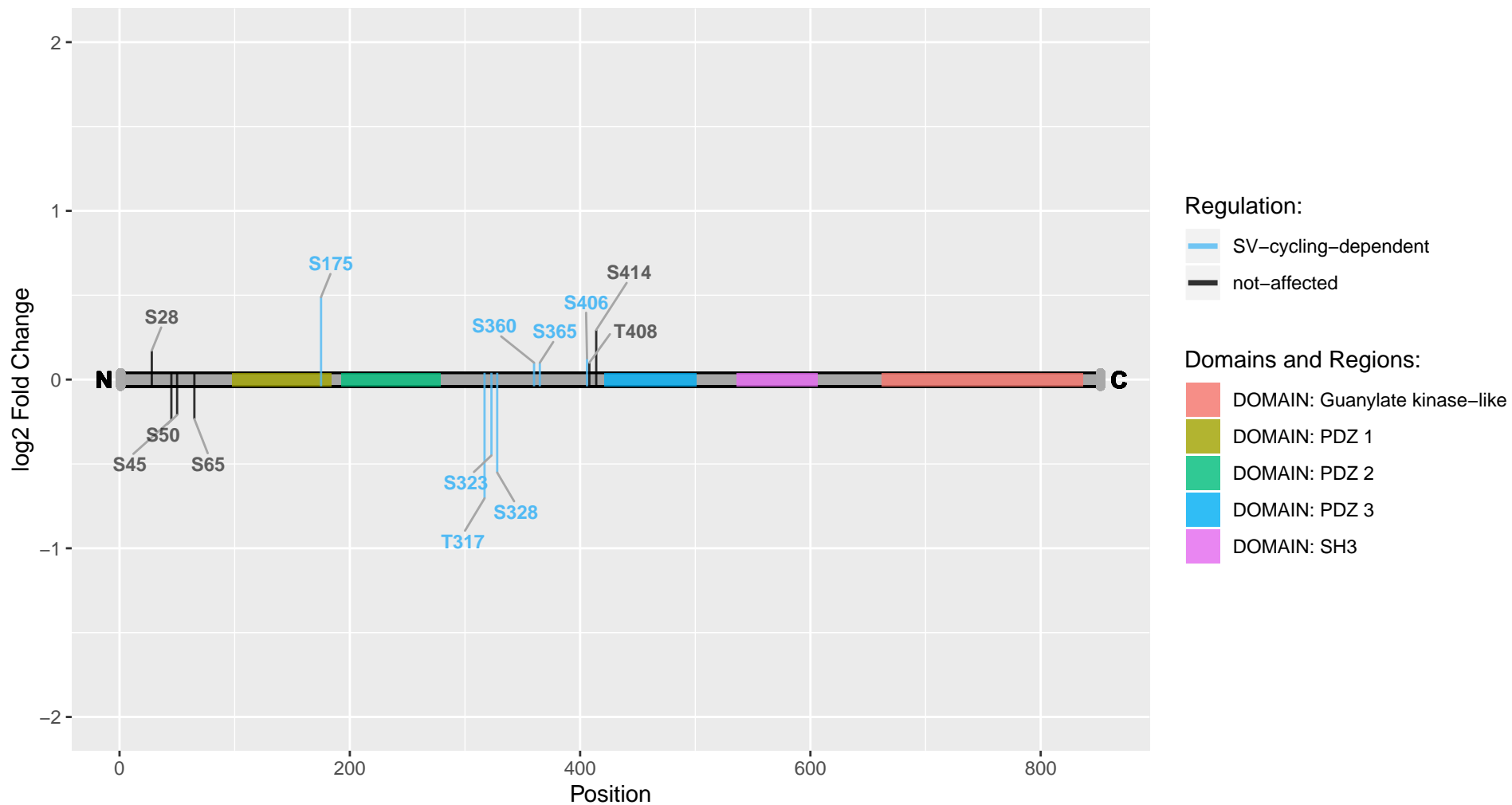
Disks large homolog 1



Dlg2

Uniprot Accession: Q63622

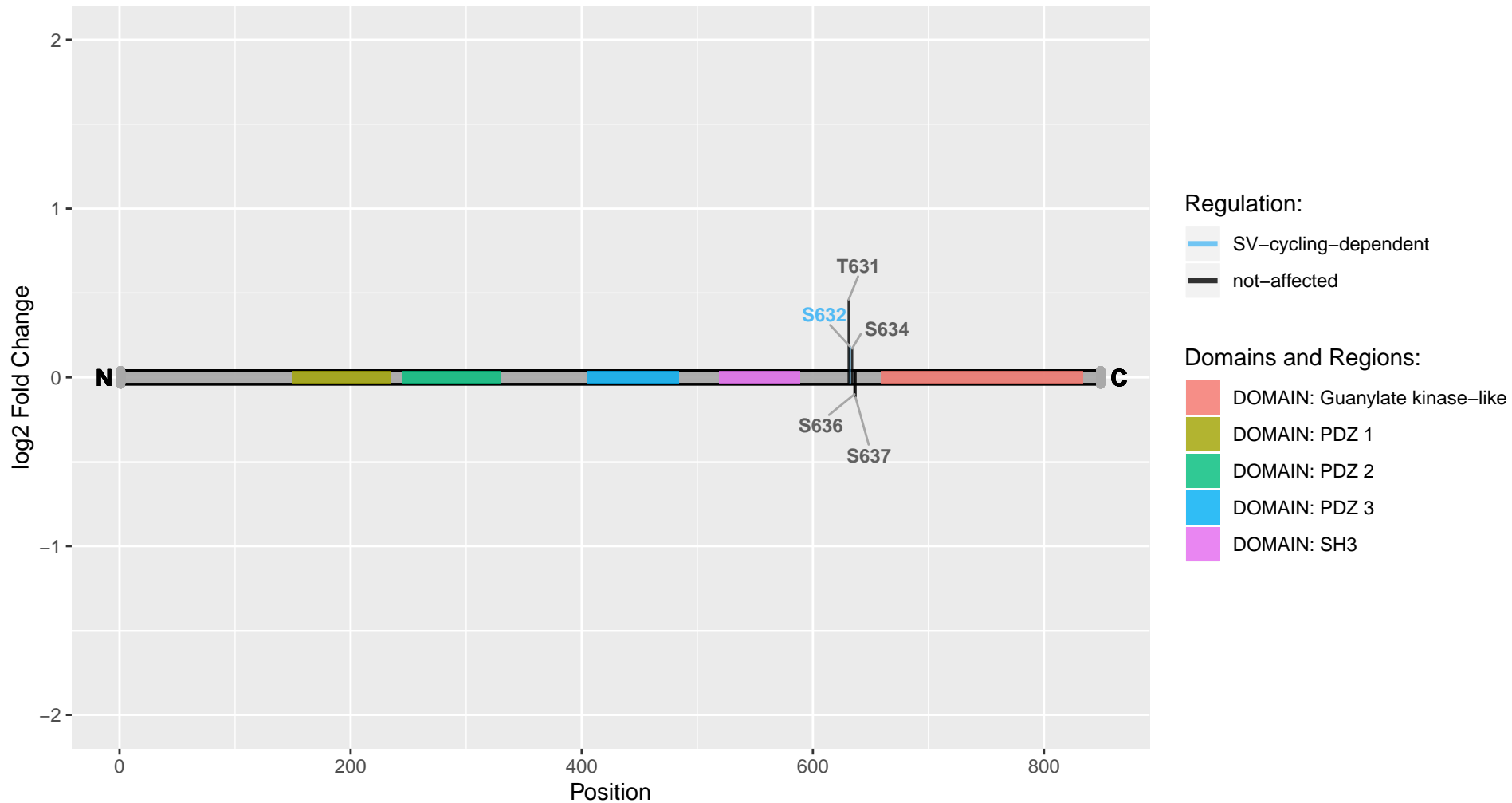
Disks large homolog 2



Dlg3

Uniprot Accession: Q62936

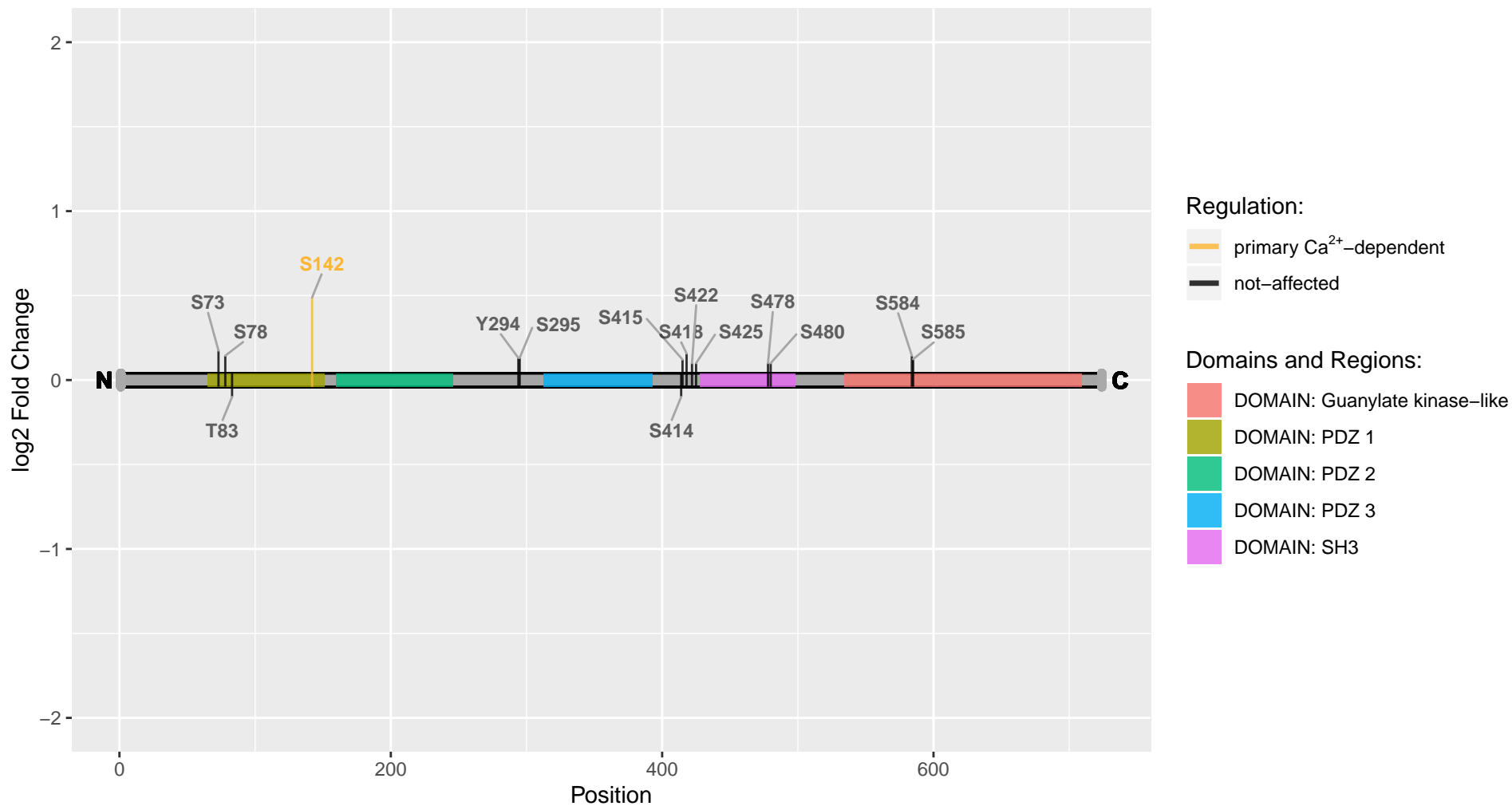
Disks large homolog 3



Dlg4

Uniprot Accession: P31016

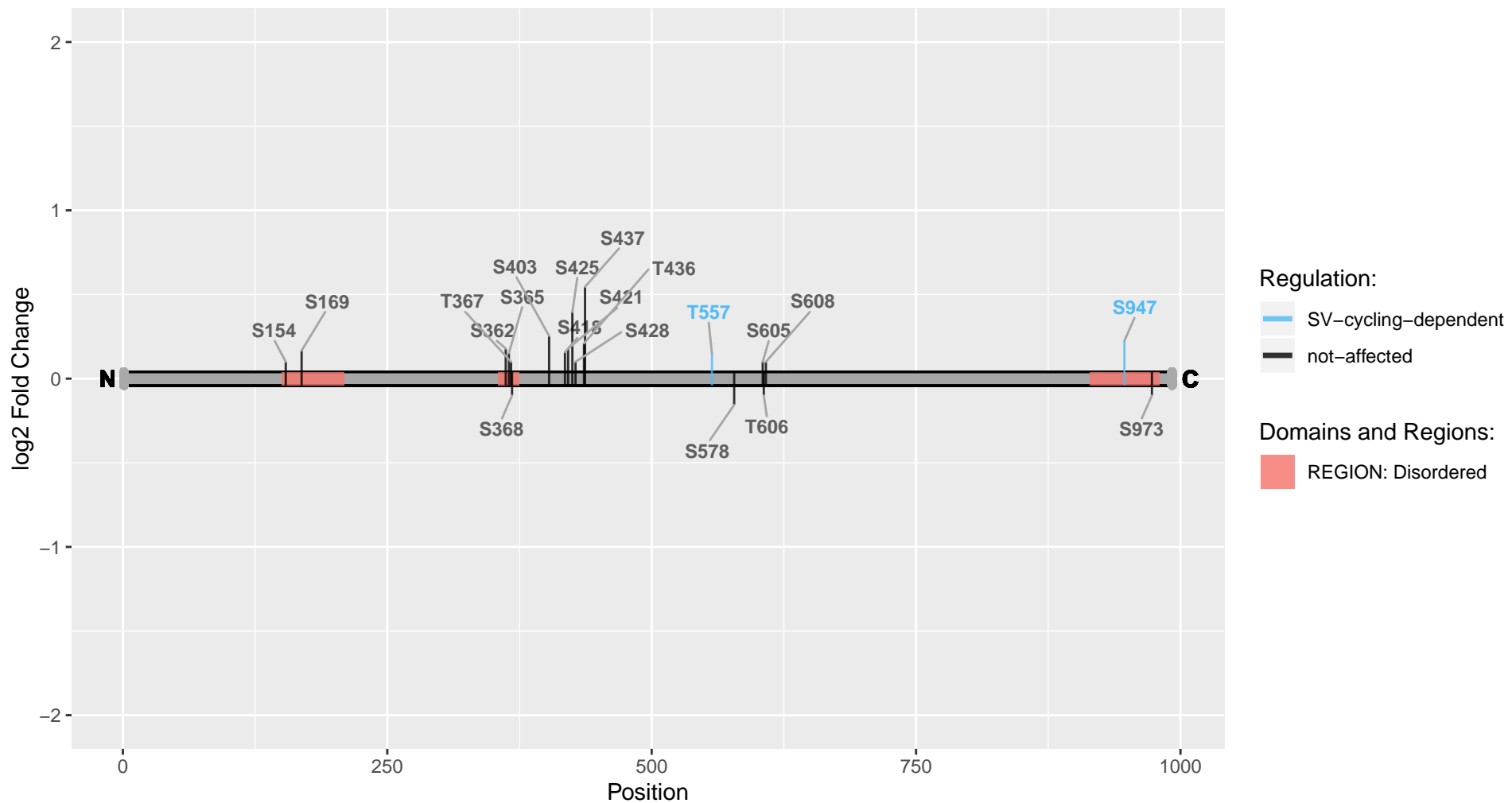
Disks large homolog 4



Dlgap1

Uniprot Accession: G3V849

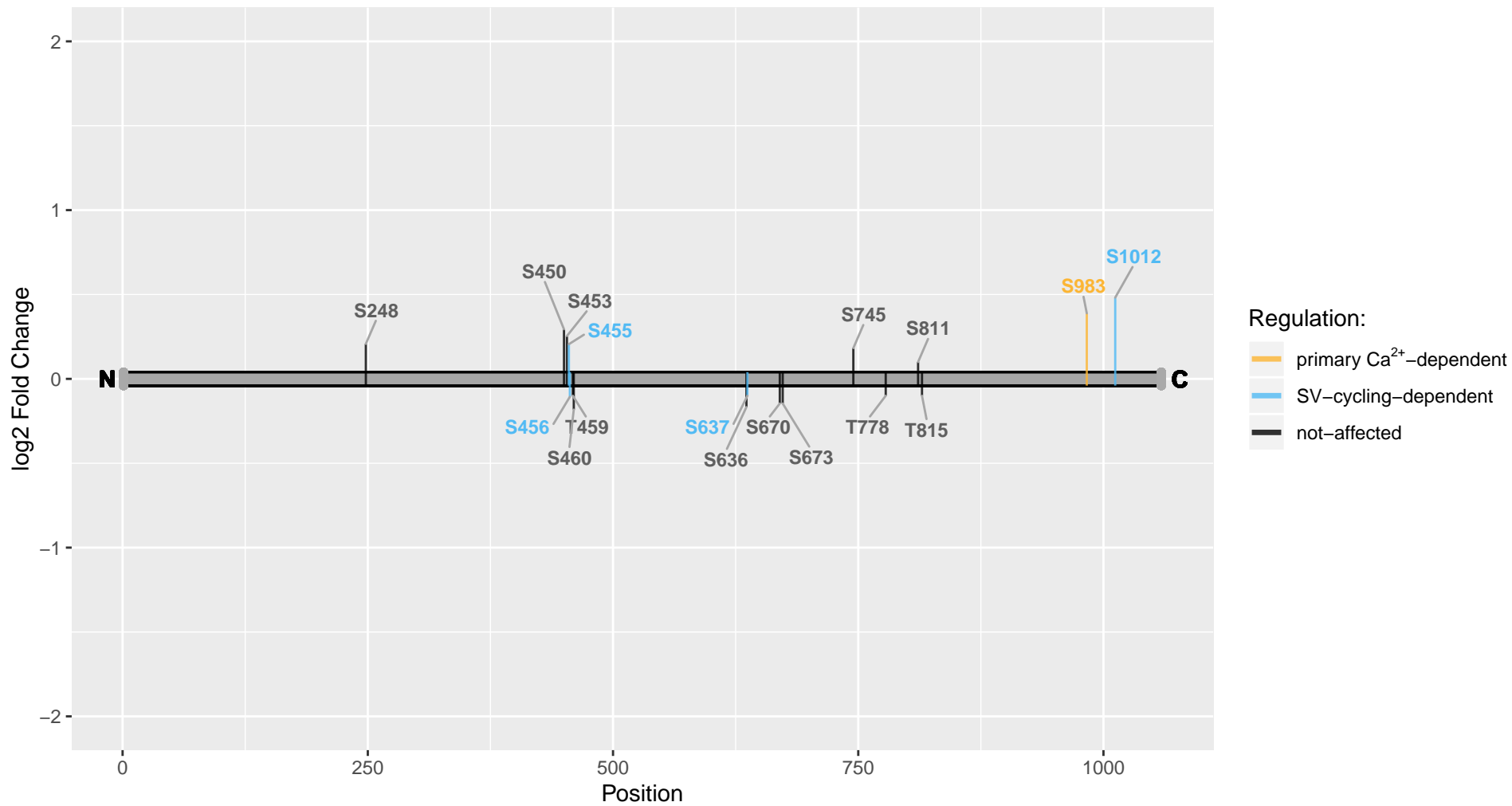
Discs, large (Drosophila) homolog-associated protein 1, isoform CRA_a



Dlgap2

Uniprot Accession: P97837

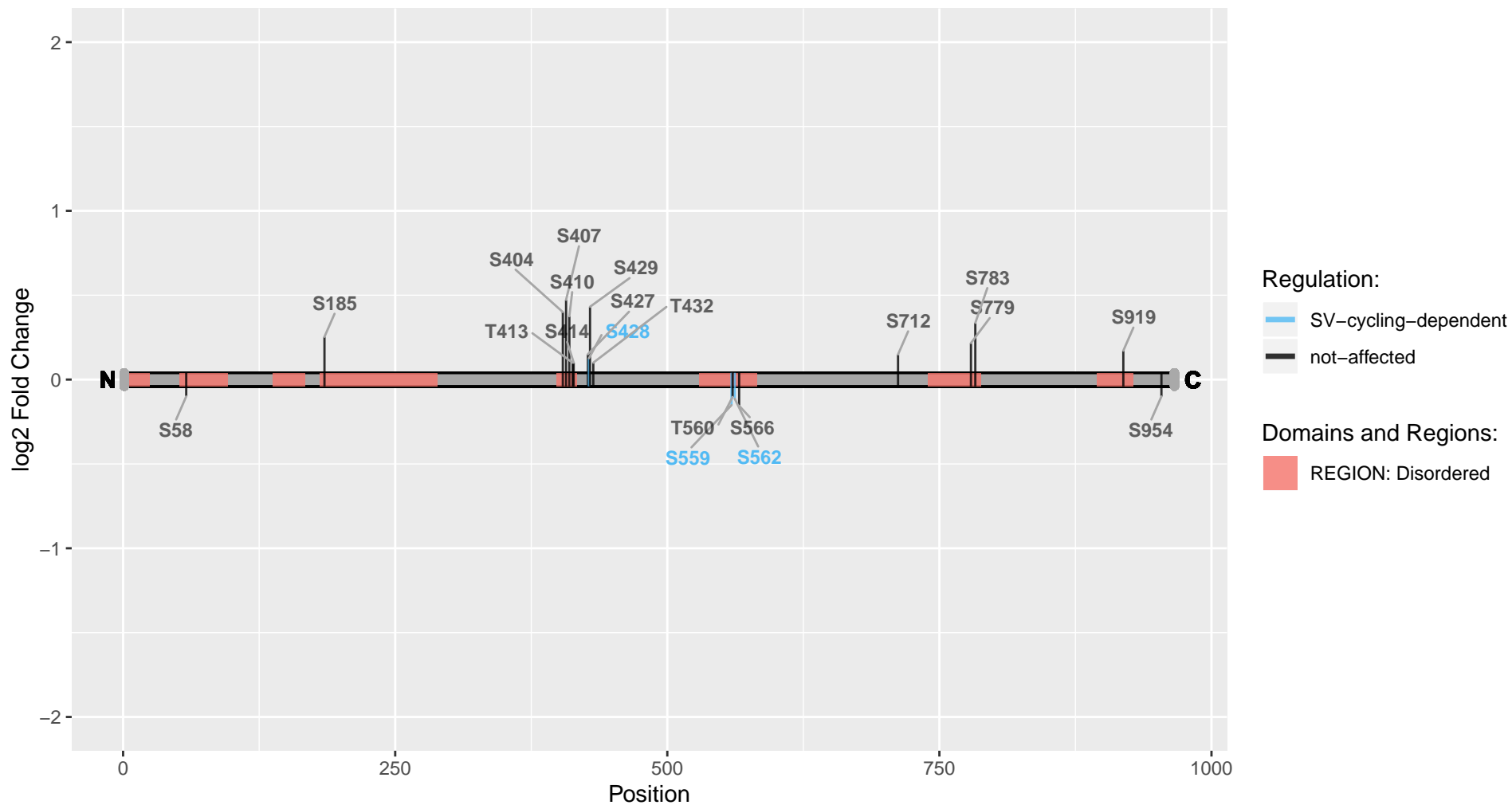
Disks large-associated protein 2



Dlgap3

Uniprot Accession: G3V7T8

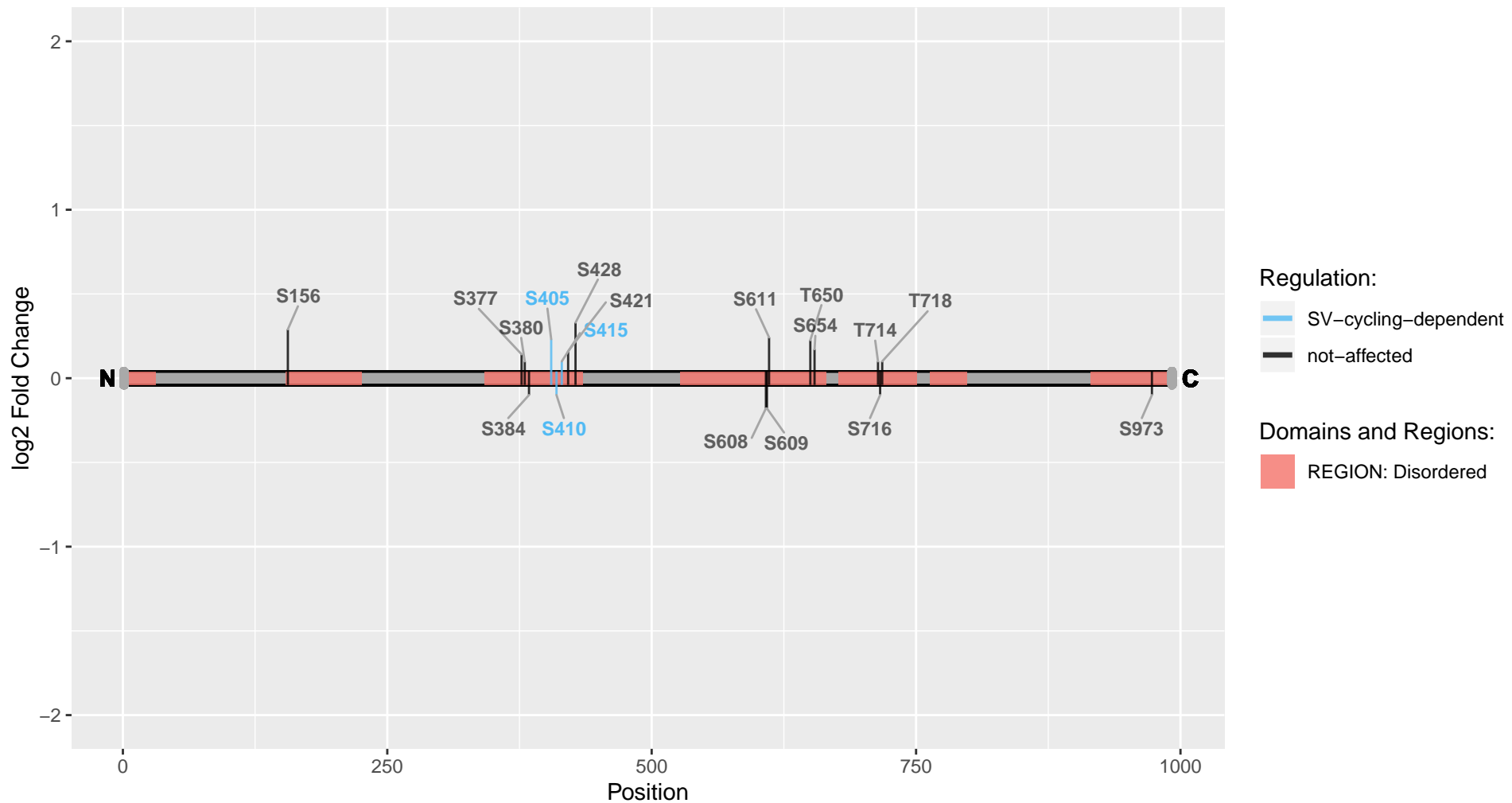
Disks large-associated protein 3



Dlgap4

Uniprot Accession: G3V927

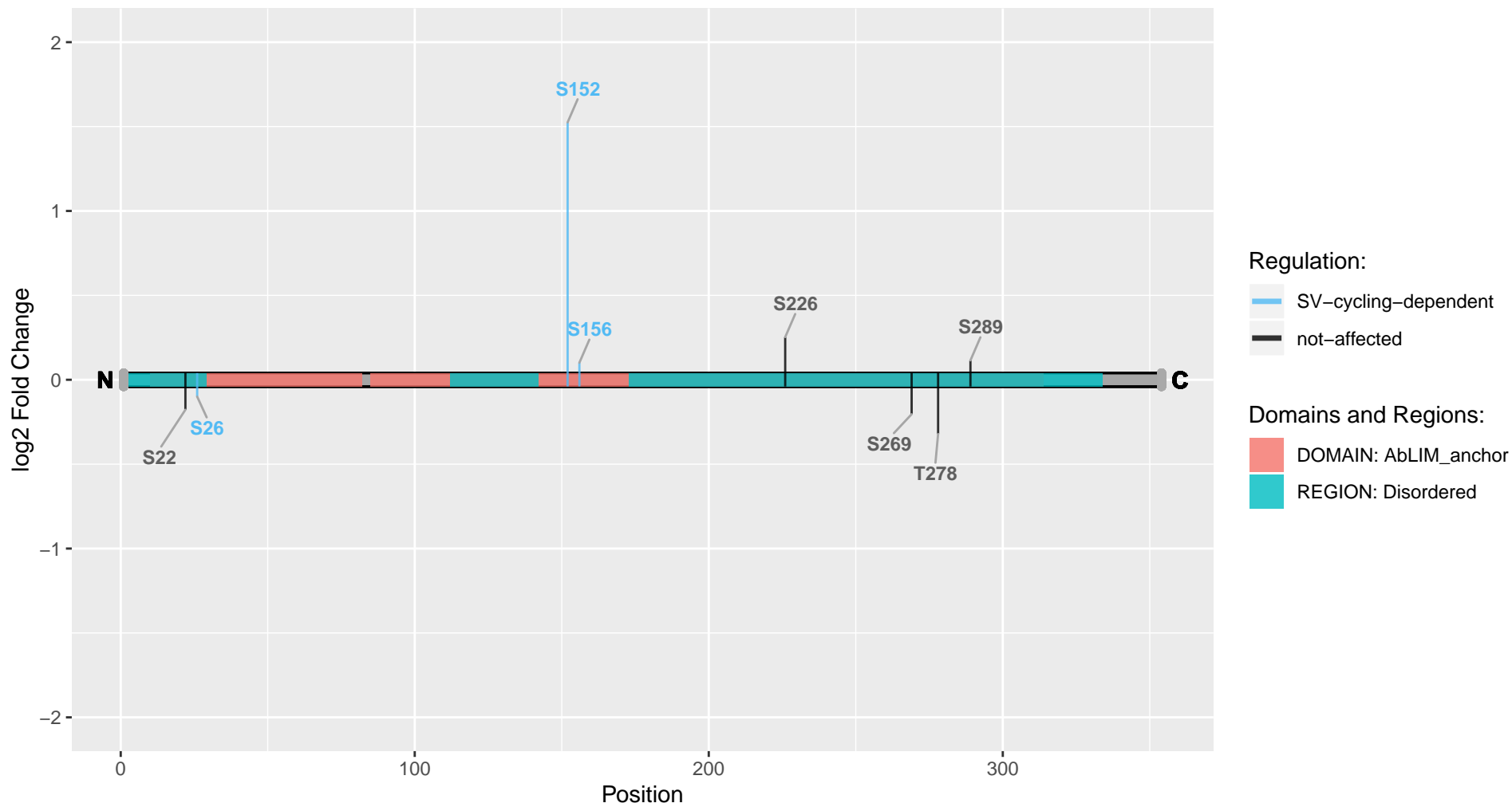
Discs, large homolog-associated protein 4 (Drosophila)



Dmtn

Uniprot Accession: B2GUY4

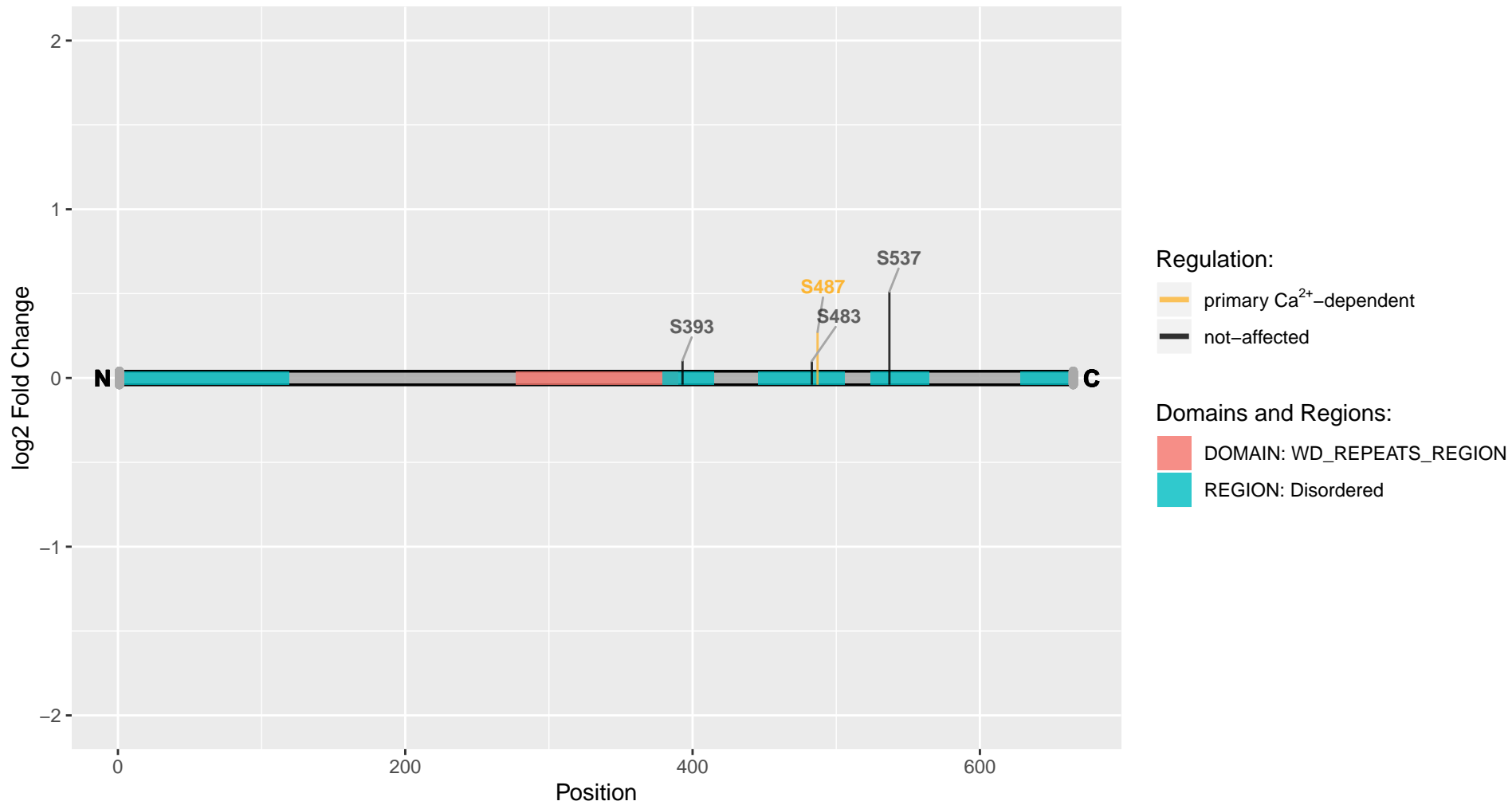
Dematin actin-binding protein



Dmwd

Uniprot Accession: F1M3D2

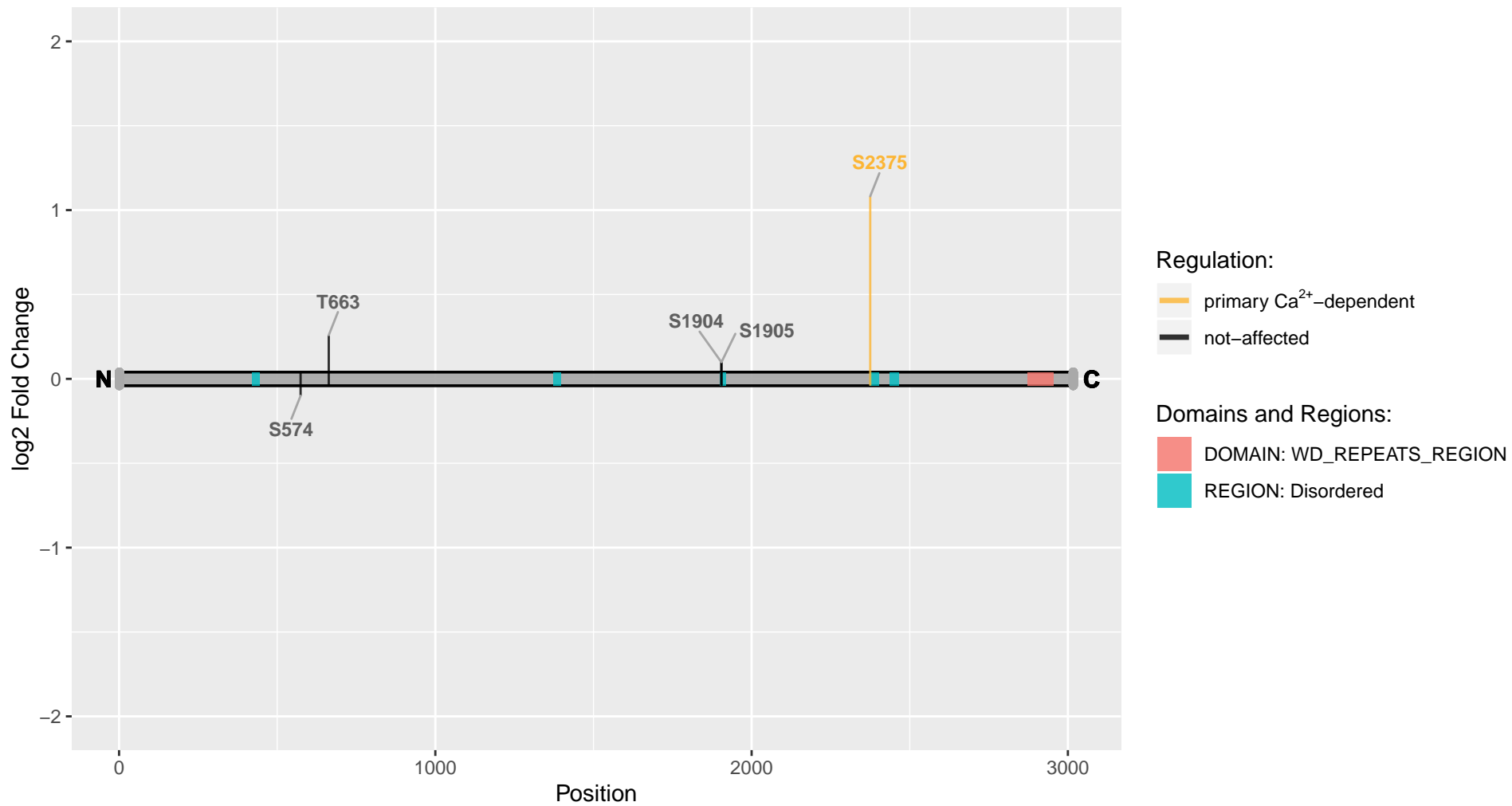
DM1 locus, WD repeat-containing



Dmx11

Uniprot Accession: D4AA13

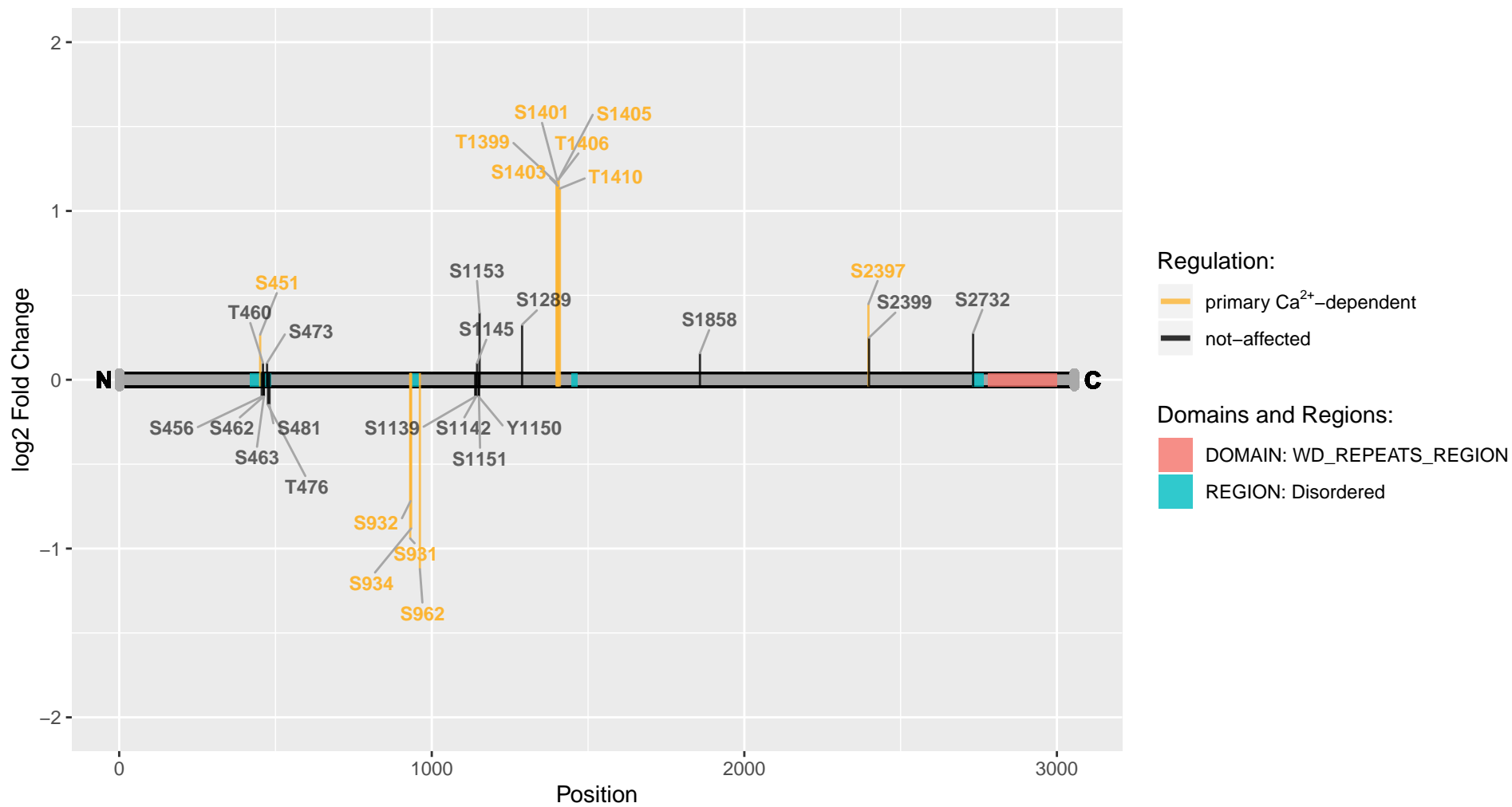
Dmx-like 1



Dmxl2

Uniprot Accession: F1M3W5

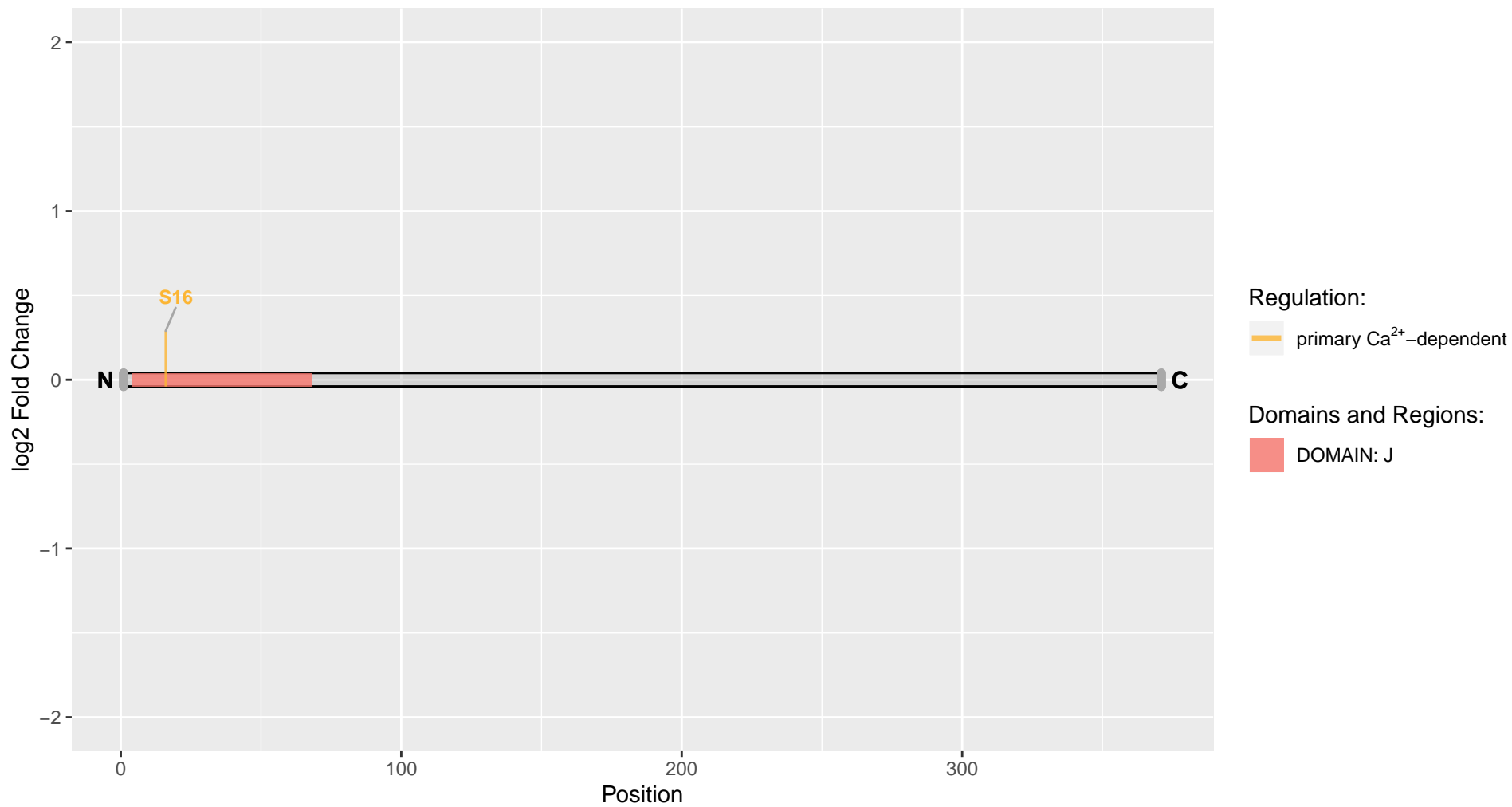
Dmx-like 2



Dnajb1

Uniprot Accession: D3ZUU5

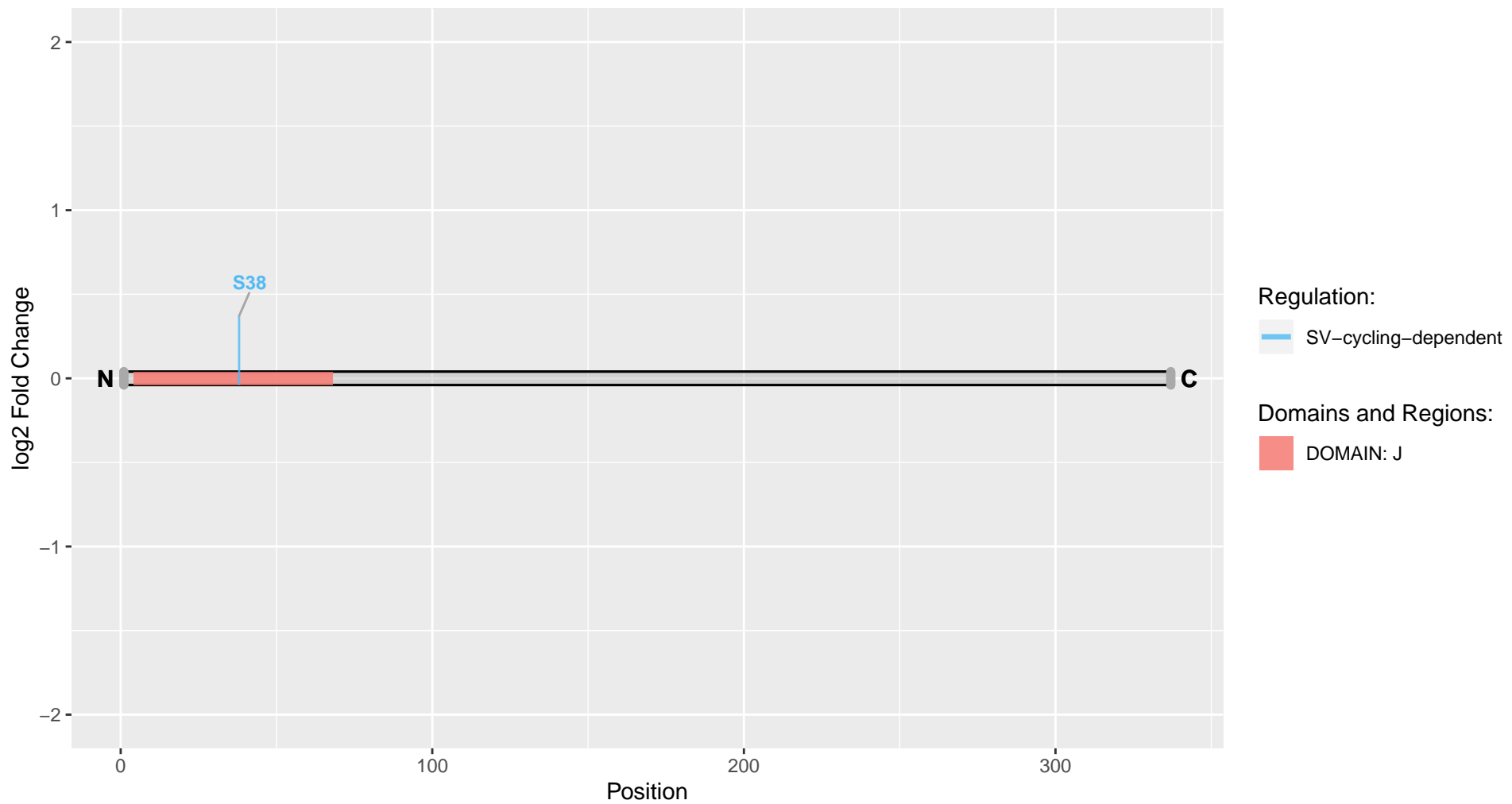
DnaJ (Hsp40) homolog, subfamily B, member 1 (Predicted), isoform CRA_a



Dnajb4

Uniprot Accession: Q5XIP0

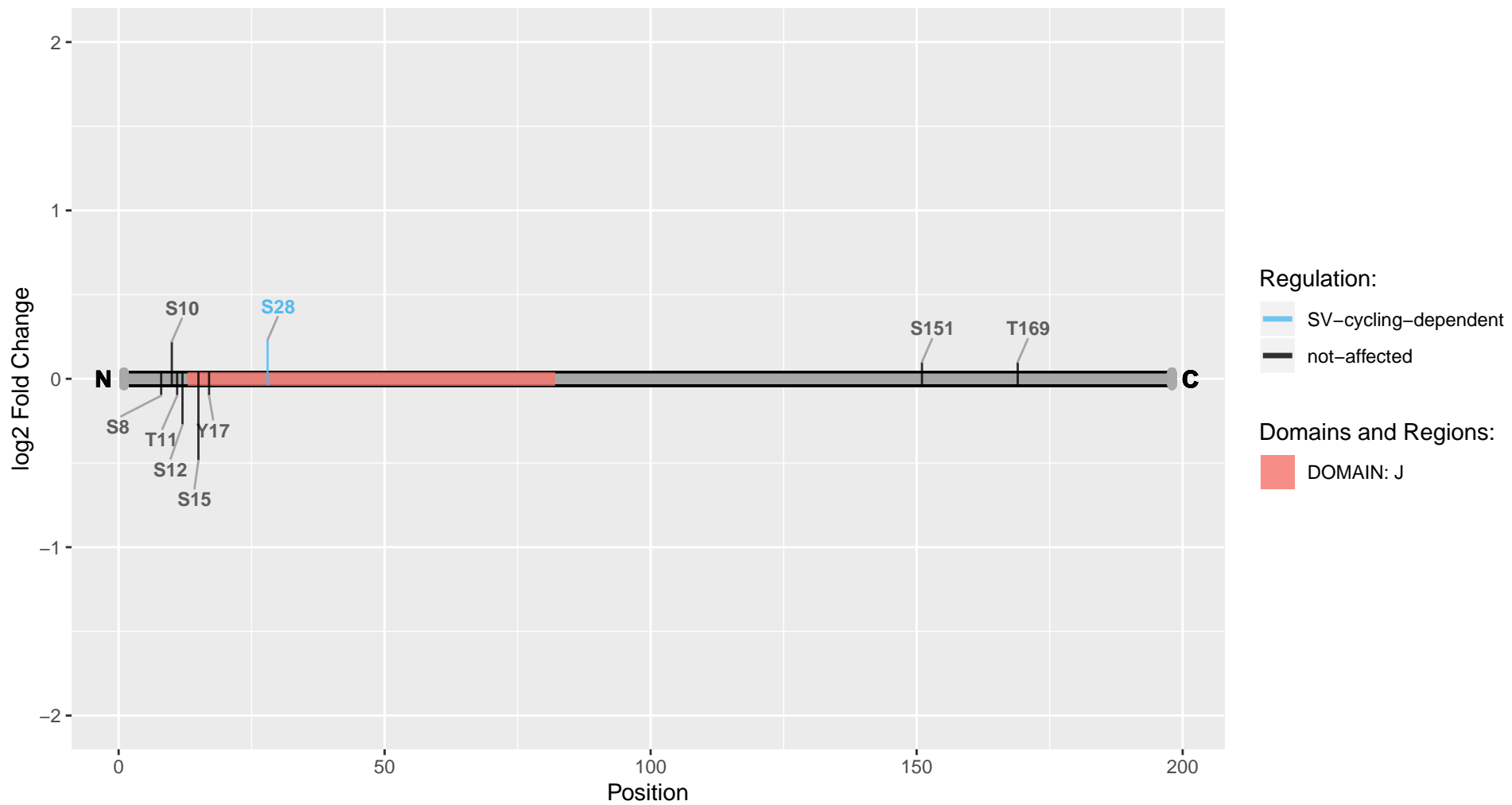
DnaJ (Hsp40) homolog, subfamily B, member 4



Dnajc5

Uniprot Accession: P60905

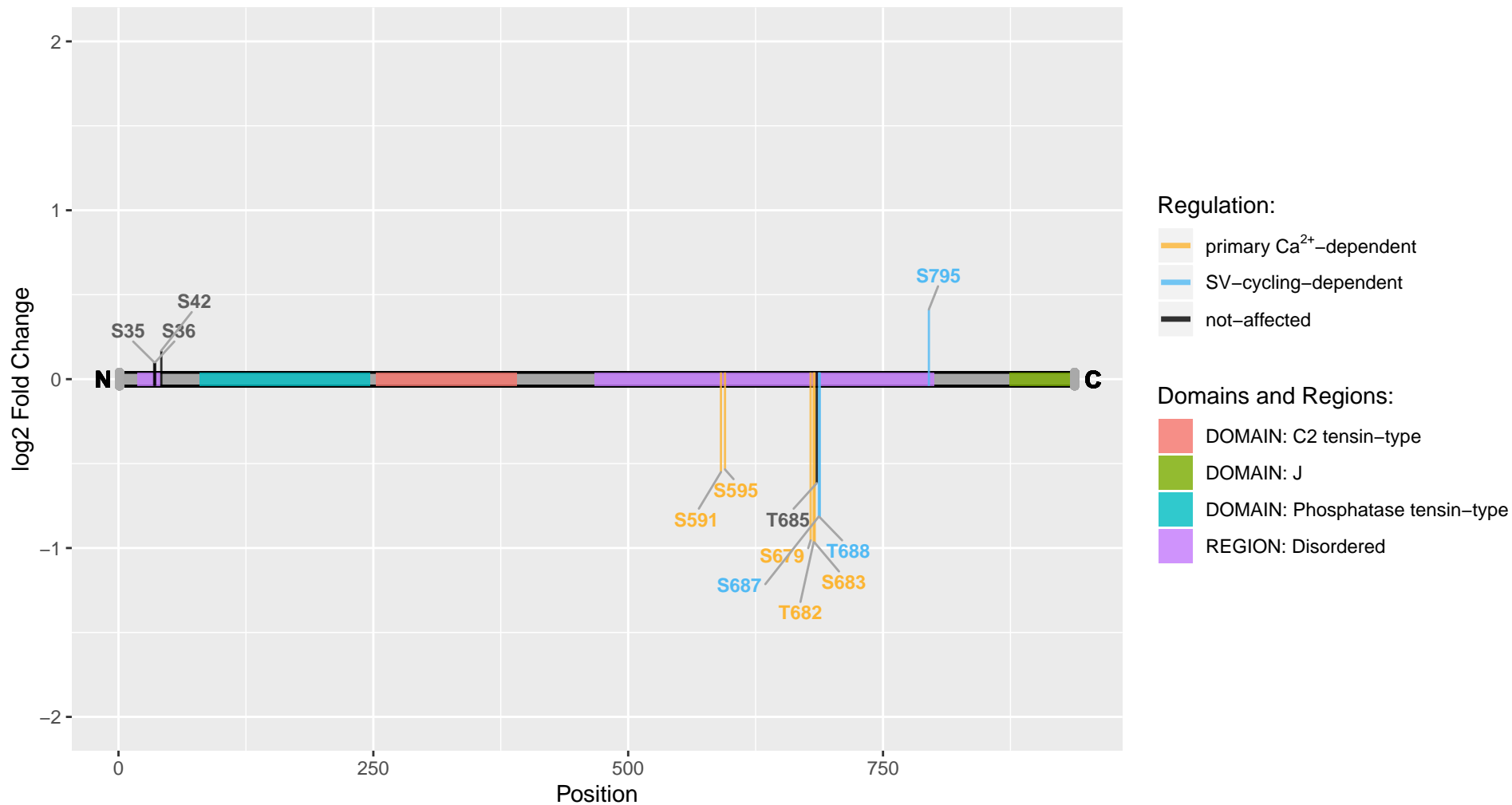
DnaJ homolog subfamily C member 5



Dnajc6

Uniprot Accession: A0A0G2JY26

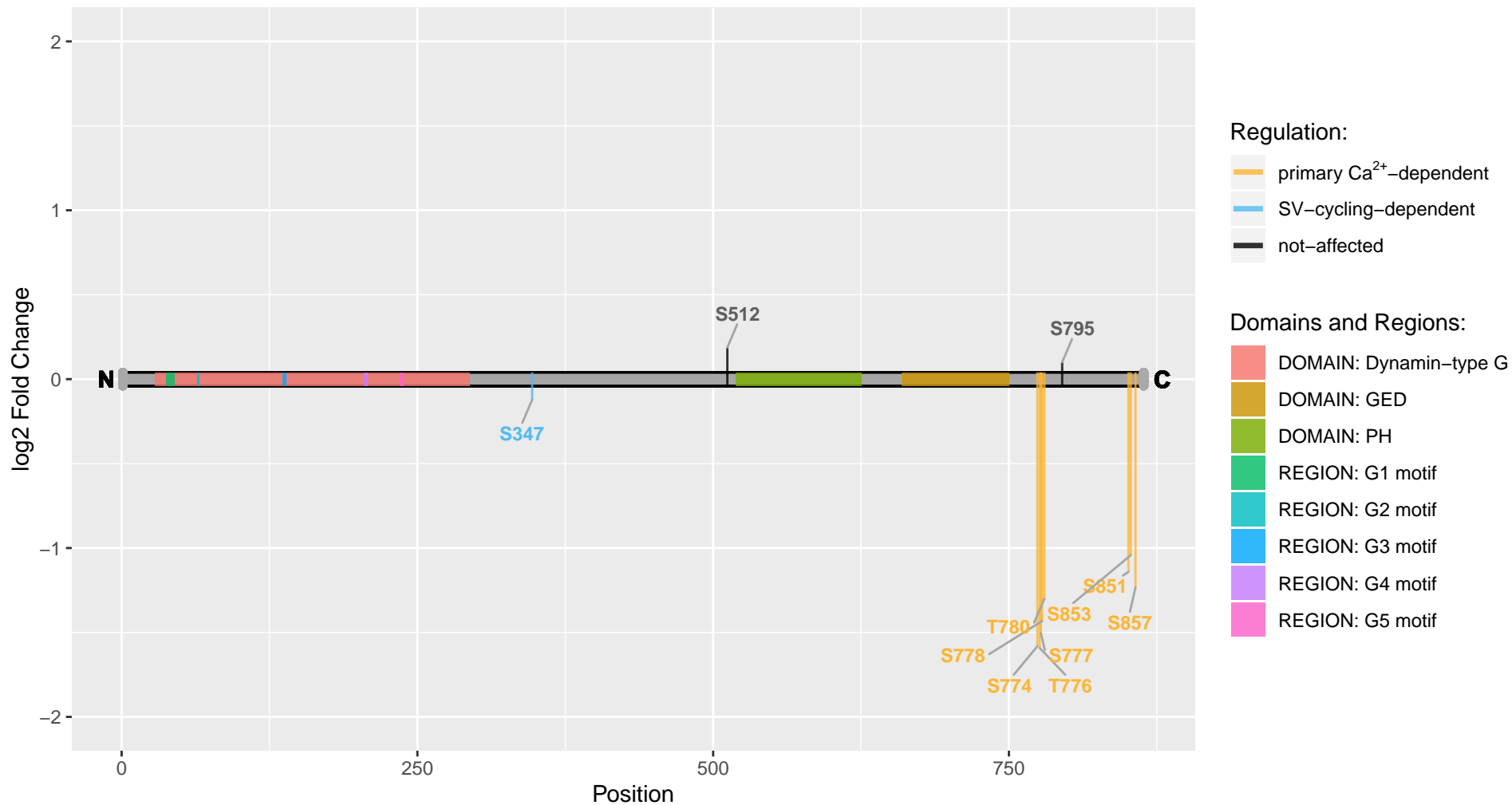
DnaJ heat shock protein family (Hsp40) member C6



Dnm1

Uniprot Accession: P21575

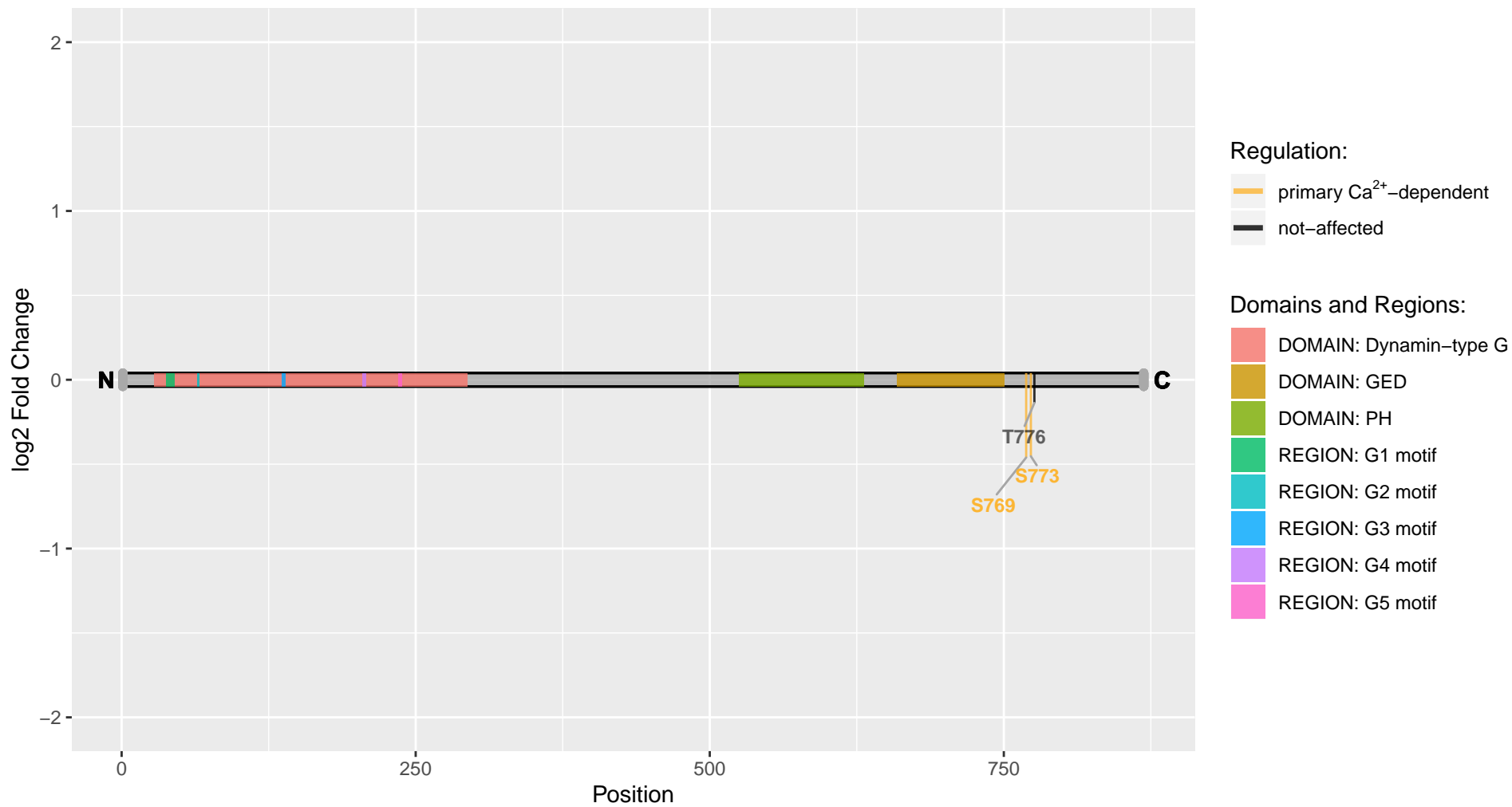
Dynamin-1



Dnm3

Uniprot Accession: Q08877

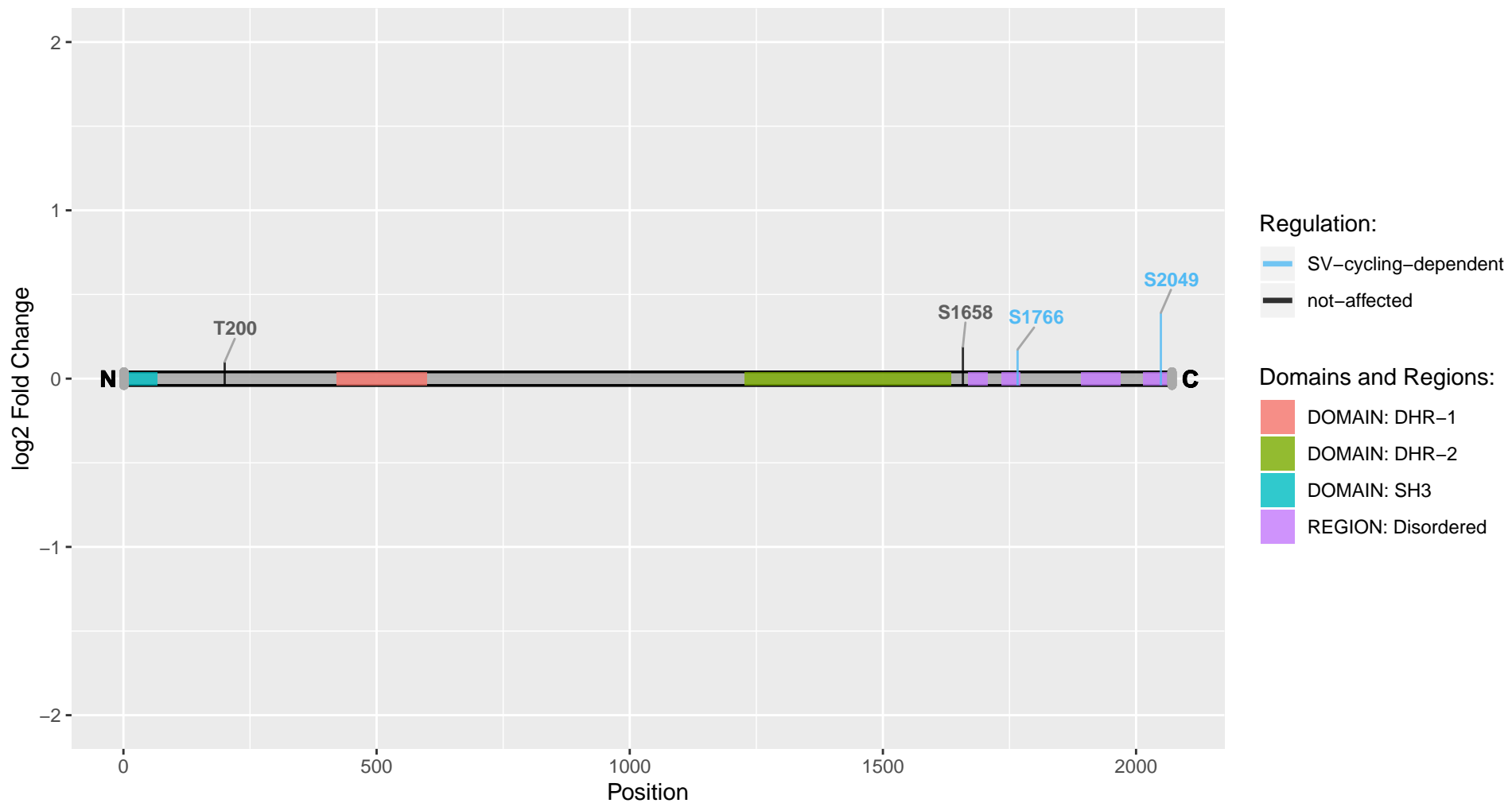
Dynamin-3



Dock3

Uniprot Accession: F1M4N6

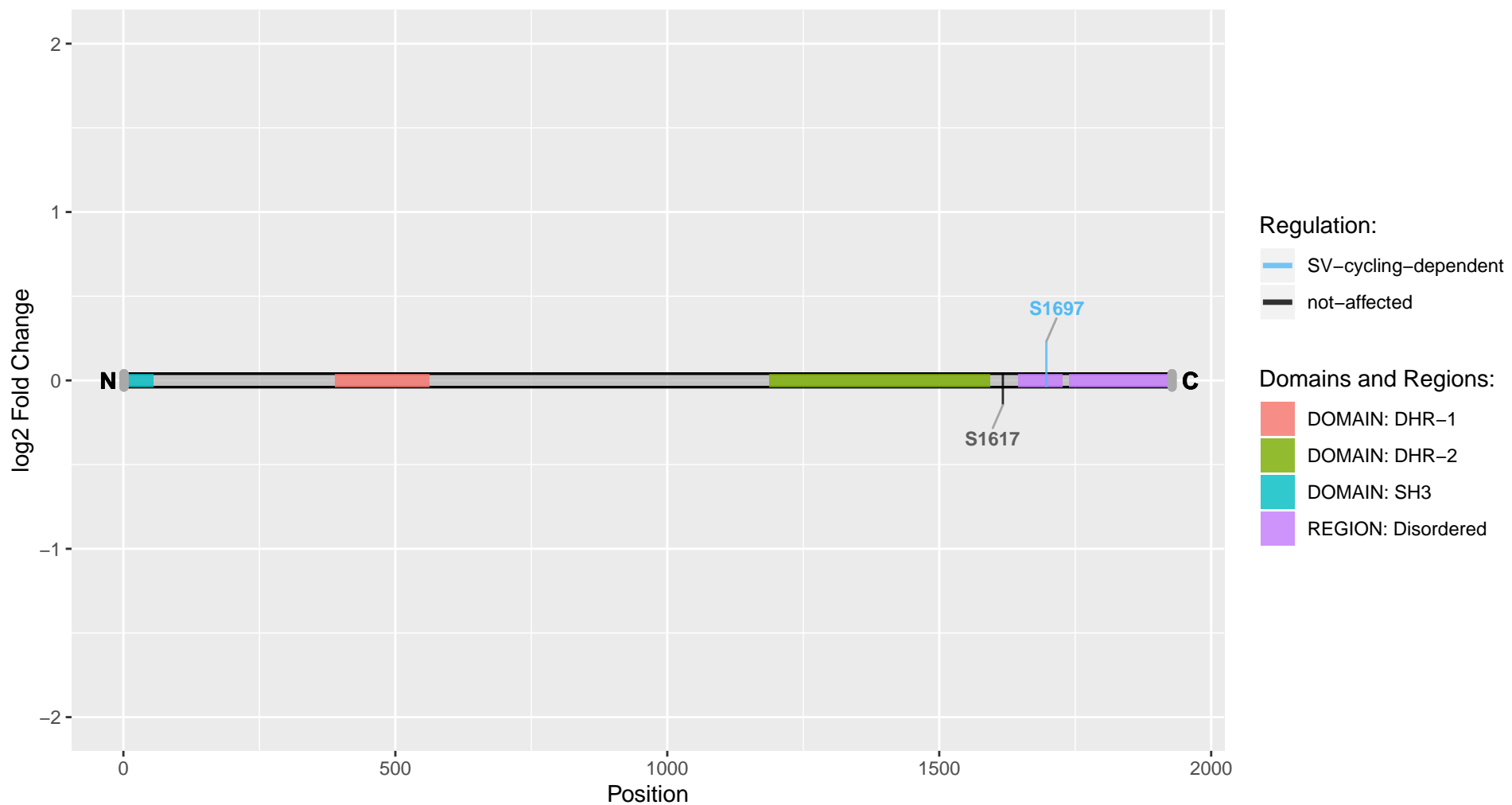
Deducator of cyto-kinesis 3



Dock4

Uniprot Accession: M0R6K4

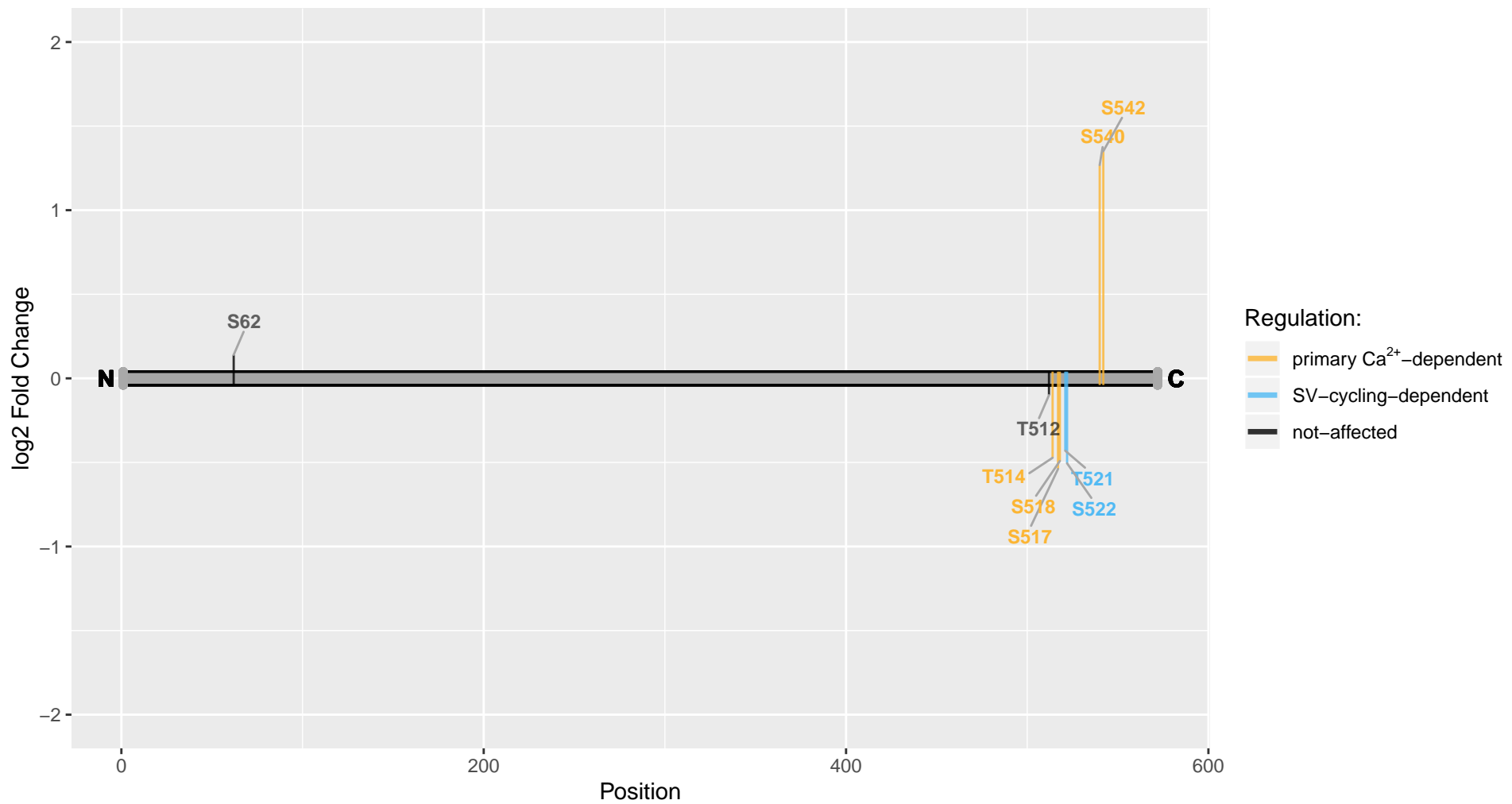
Dedicator of cytokinesis 4



Dpysl2

Uniprot Accession: P47942

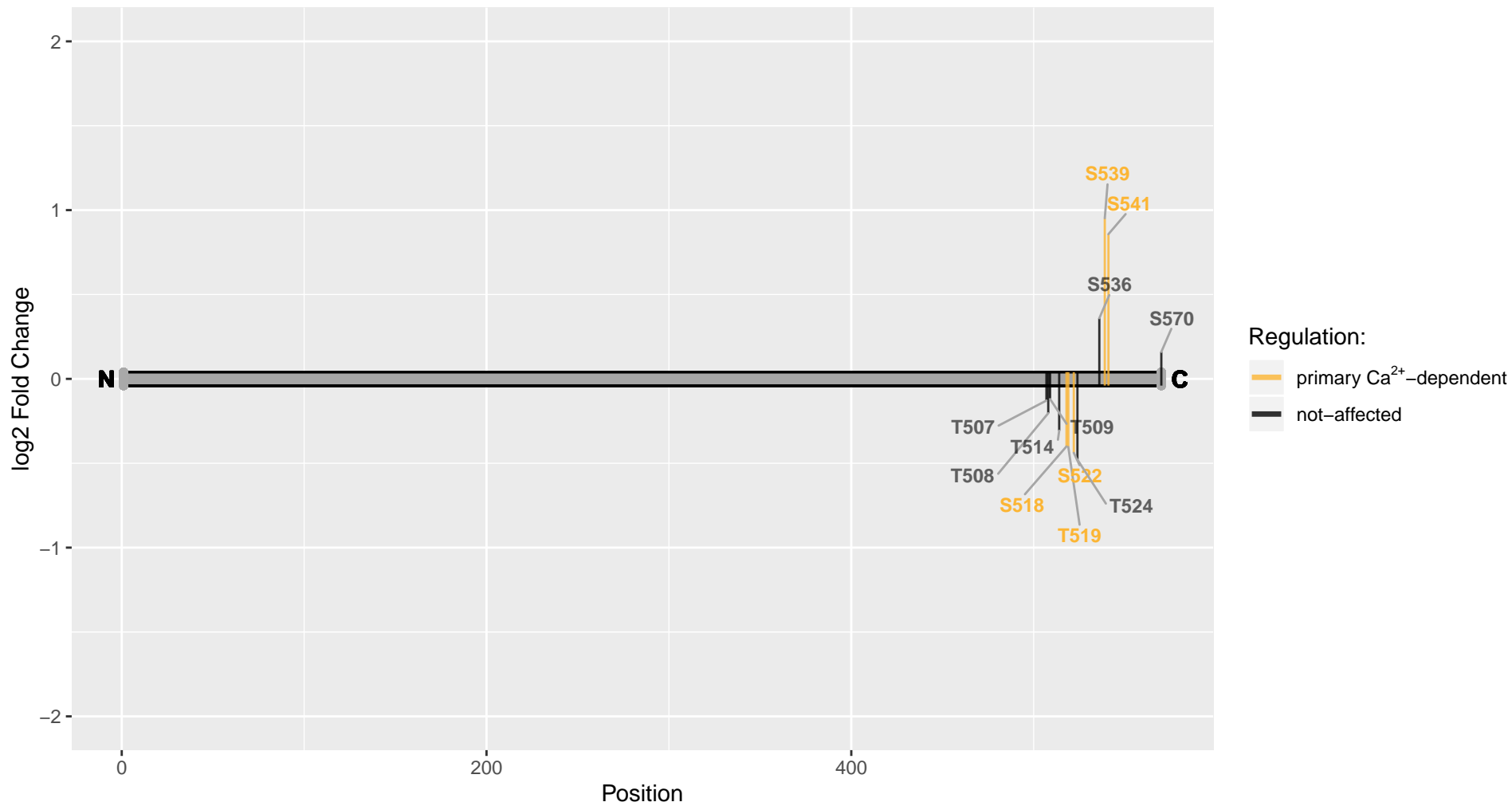
Dihydropyrimidinase-related protein 2



Dpysl3

Uniprot Accession: Q62952

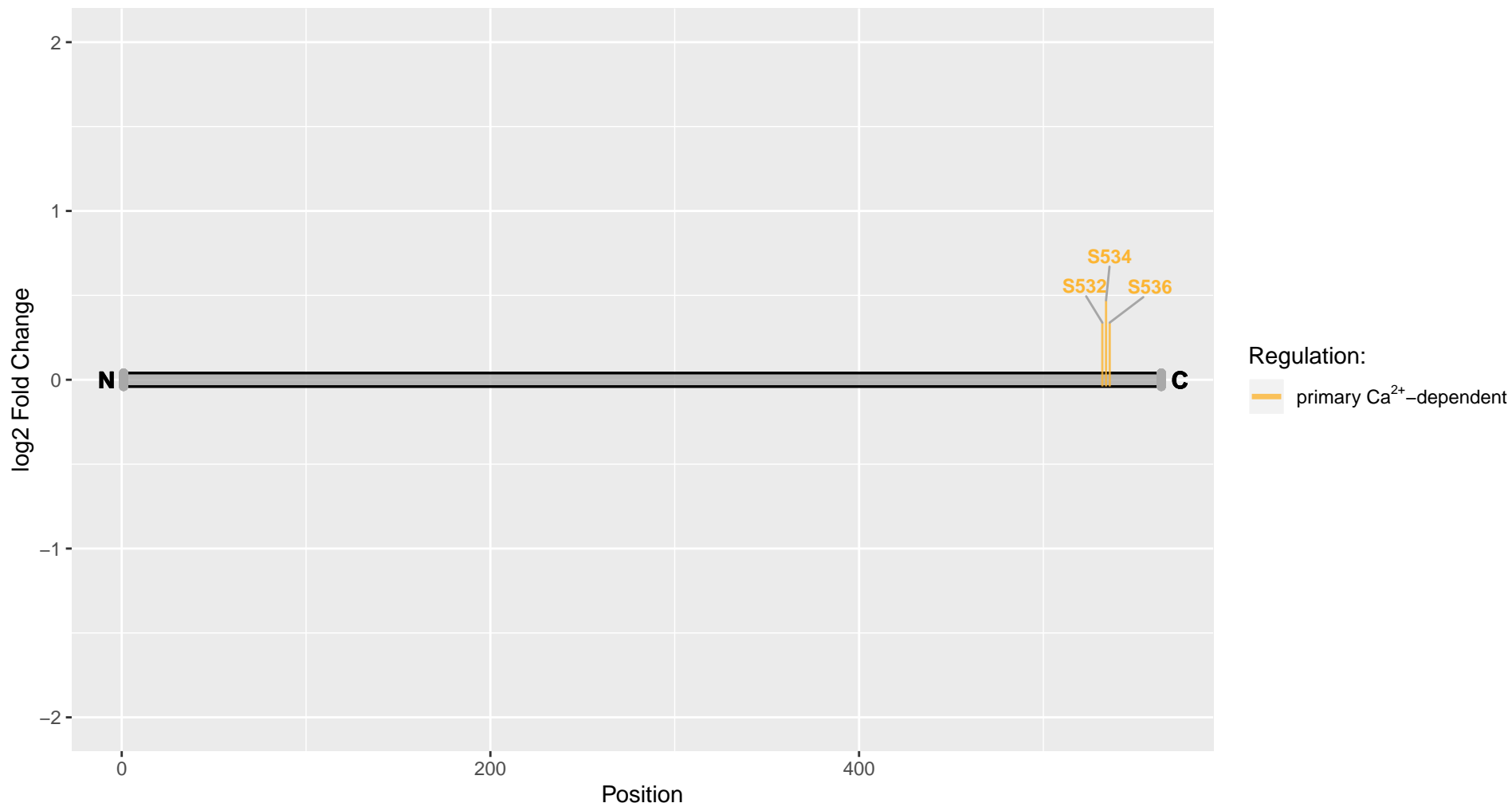
Dihydropyrimidinase-related protein 3



Dpysl4

Uniprot Accession: Q62951

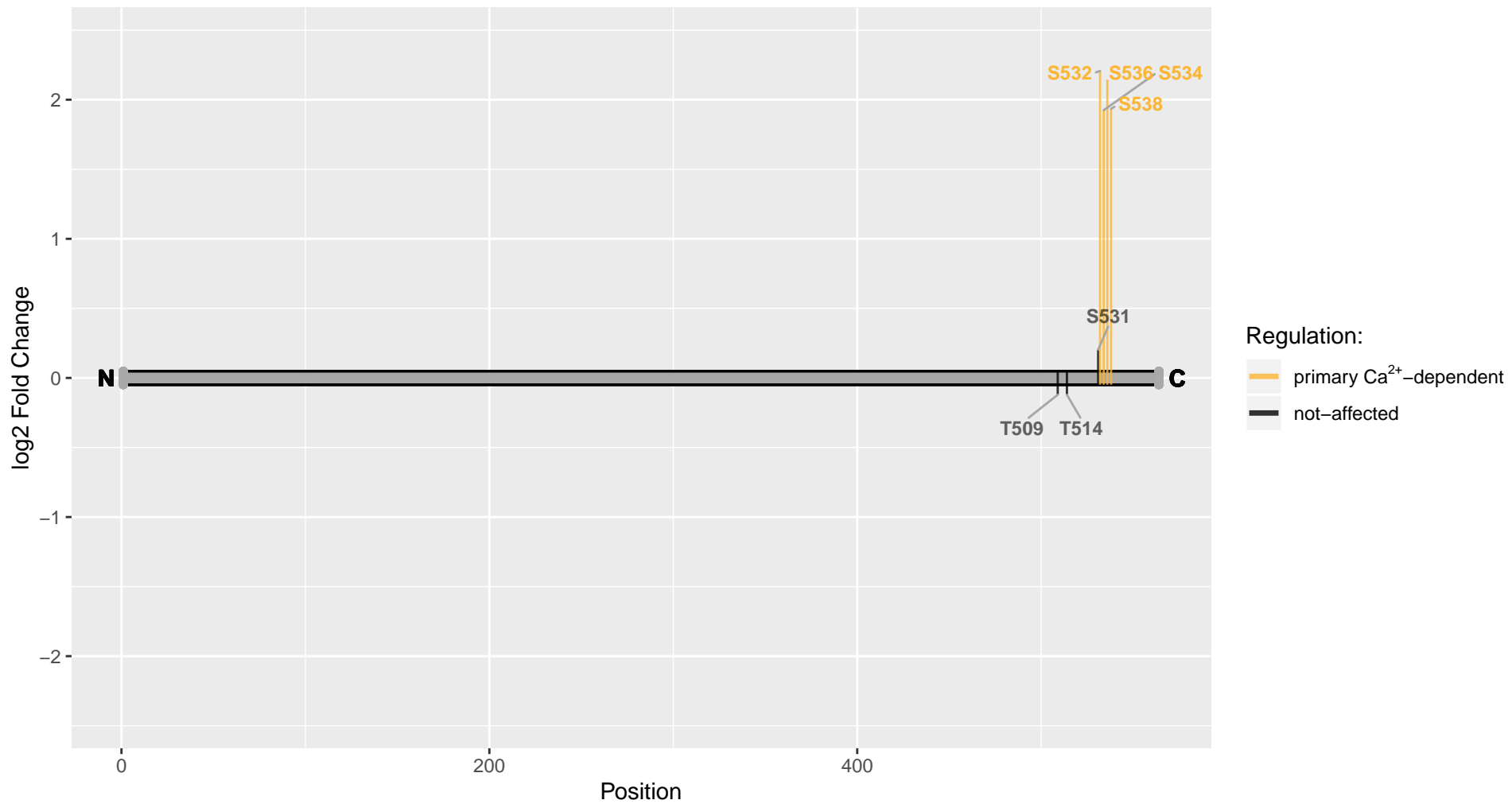
Dihydropyrimidinase-related protein 4 (Fragment)



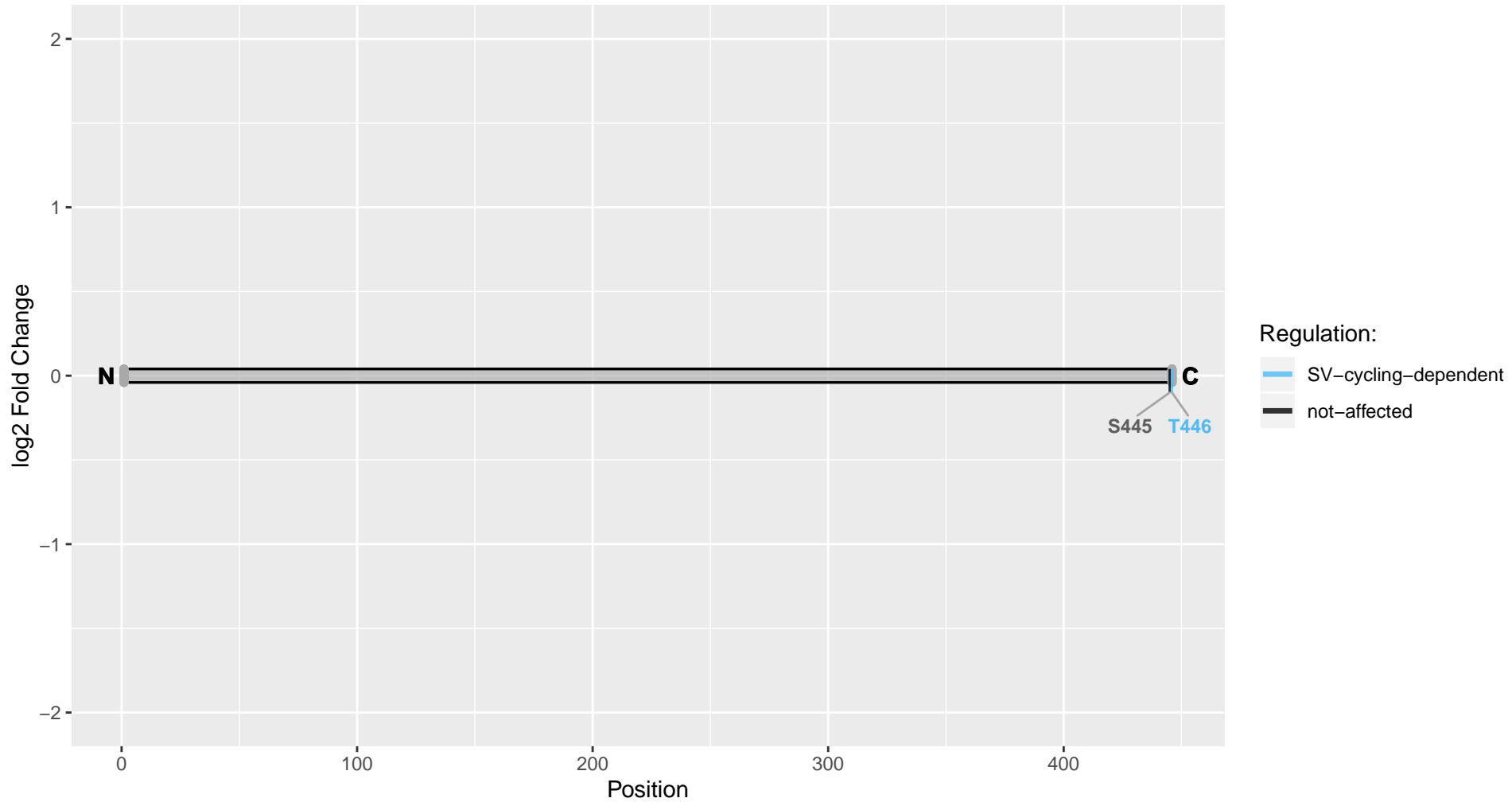
Dpysl5

Uniprot Accession: Q9JHU0

Dihydropyrimidinase-related protein 5



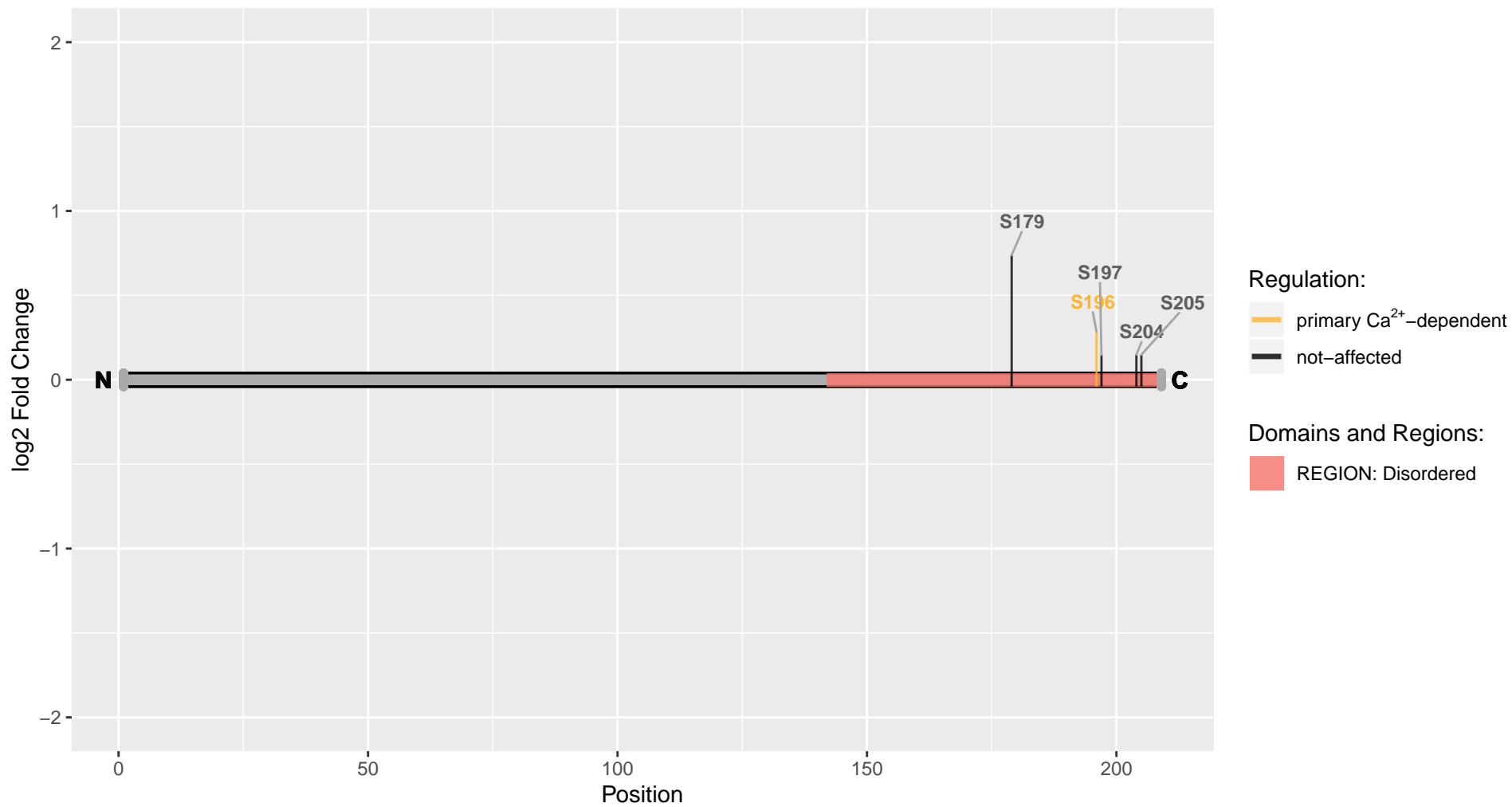
Drd1
Uniprot Accession: P18901
D(1A) dopamine receptor



Dtd1

Uniprot Accession: B0K014

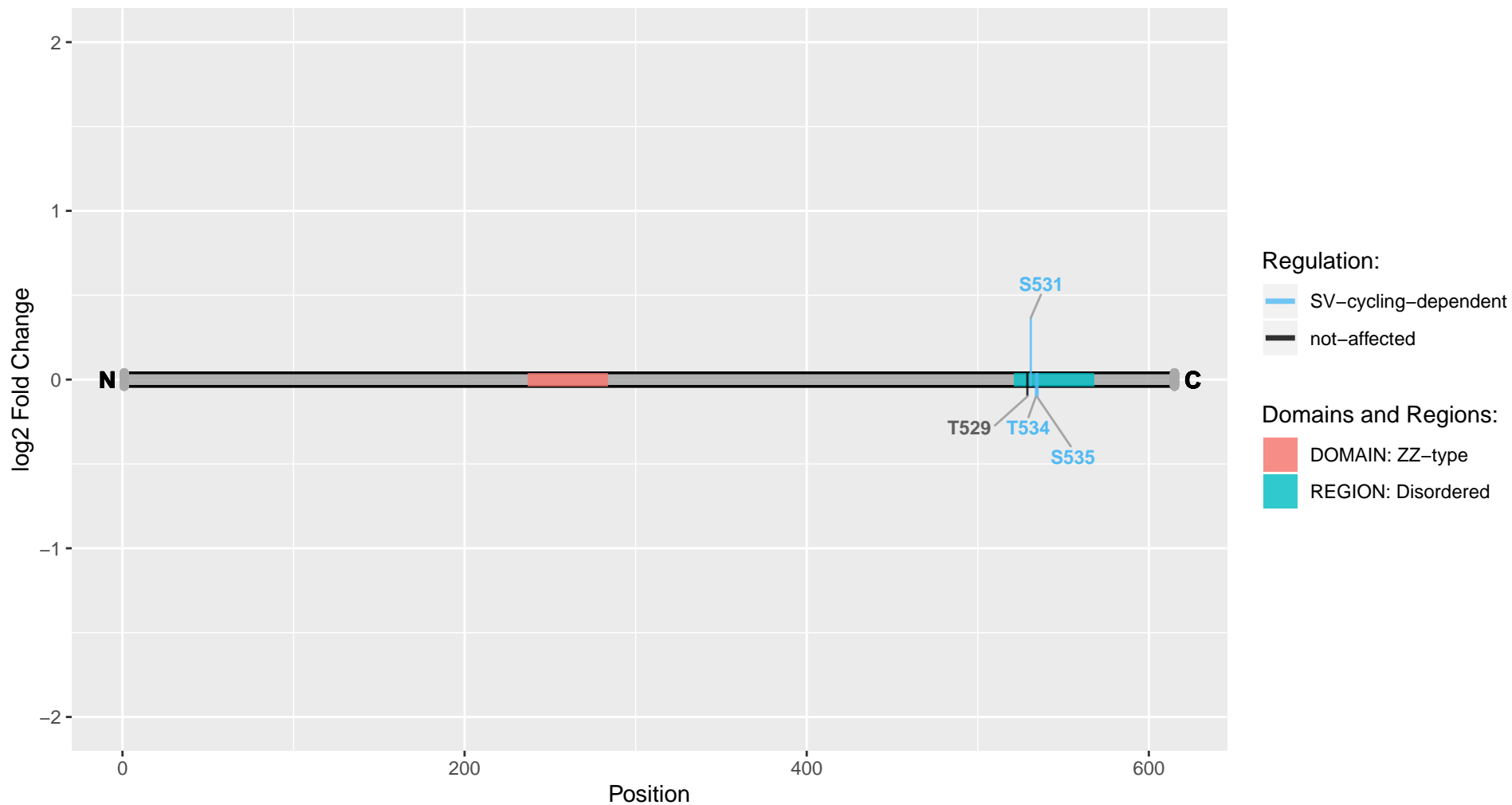
D-aminoacyl-tRNA deacylase



Dtnb

Uniprot Accession: A0A0G2JVM6

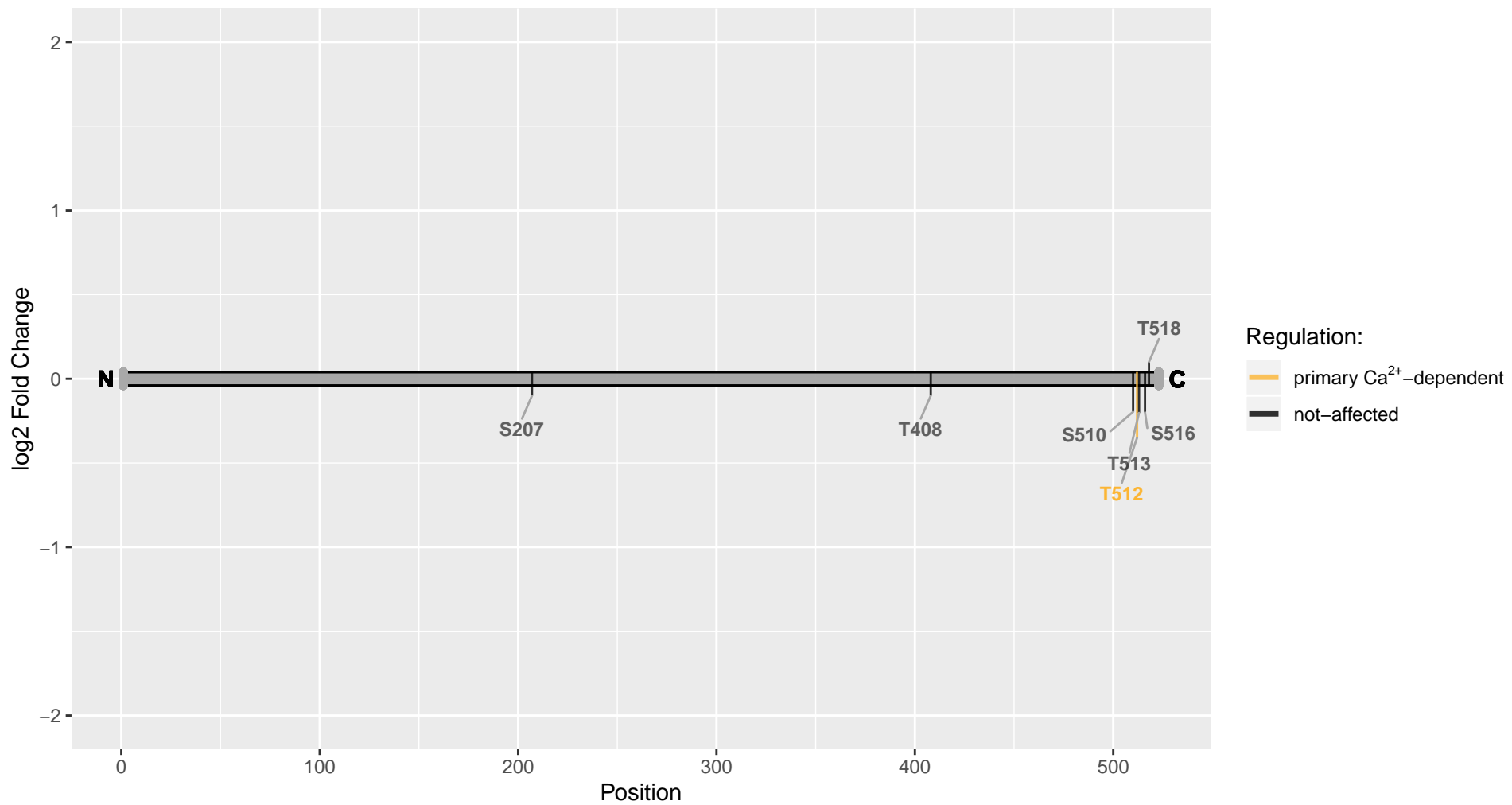
Dystrobrevin



Dync1li1

Uniprot Accession: Q9QXU8

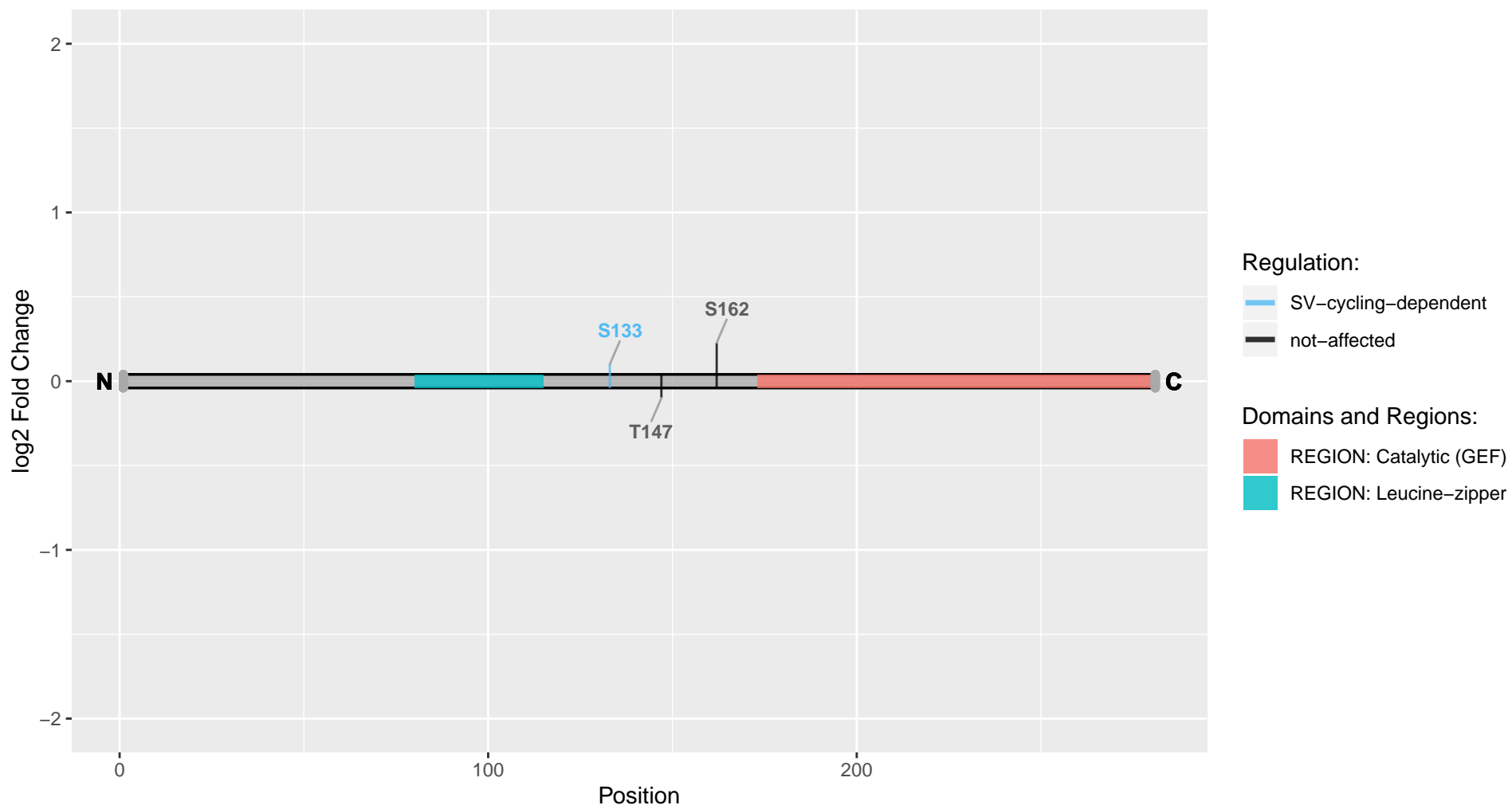
Cytoplasmic dynein 1 light intermediate chain 1



Eef1d

Uniprot Accession: Q68FR9

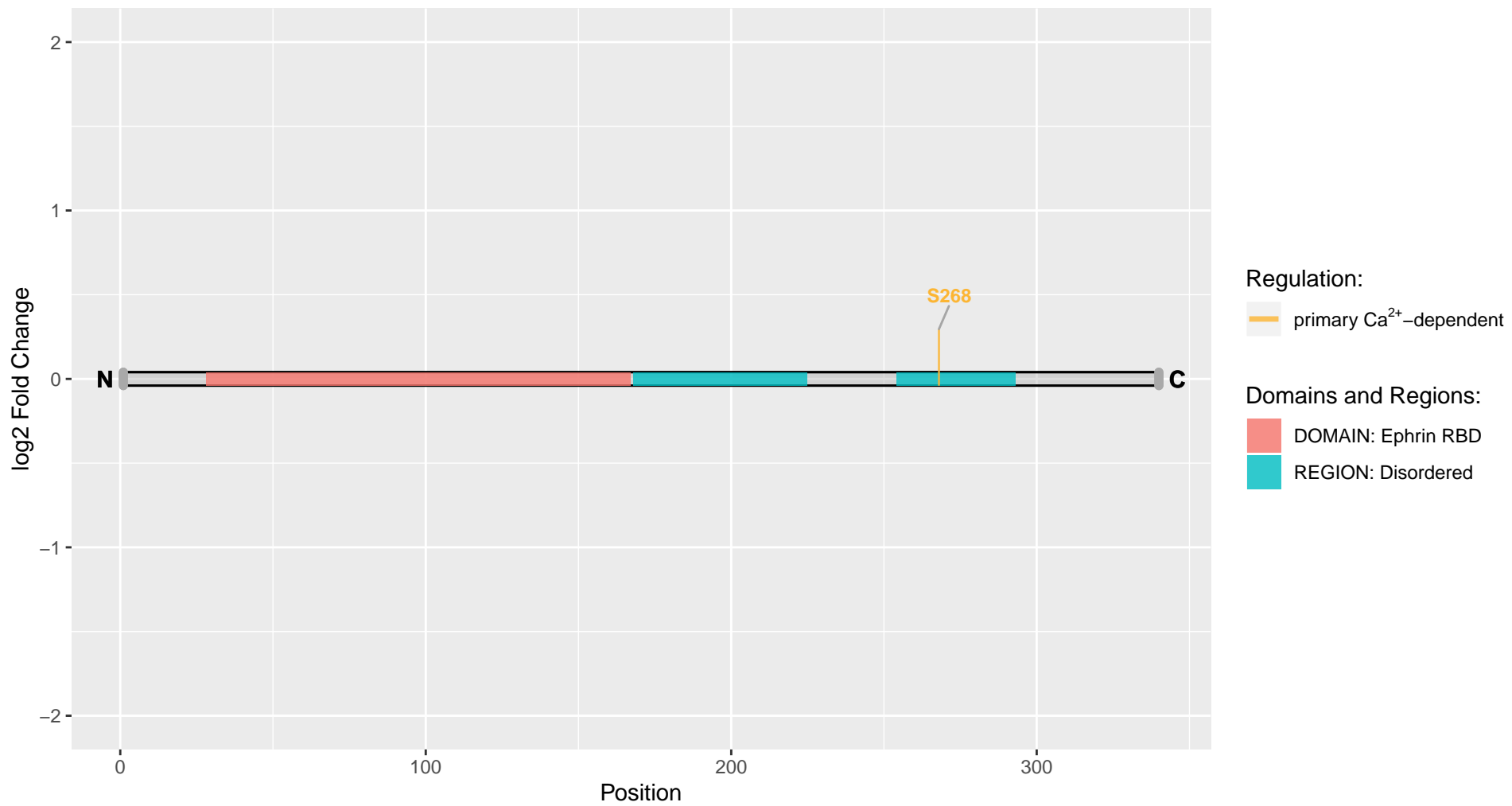
Elongation factor 1-delta



Efnb3

Uniprot Accession: G3V7D4

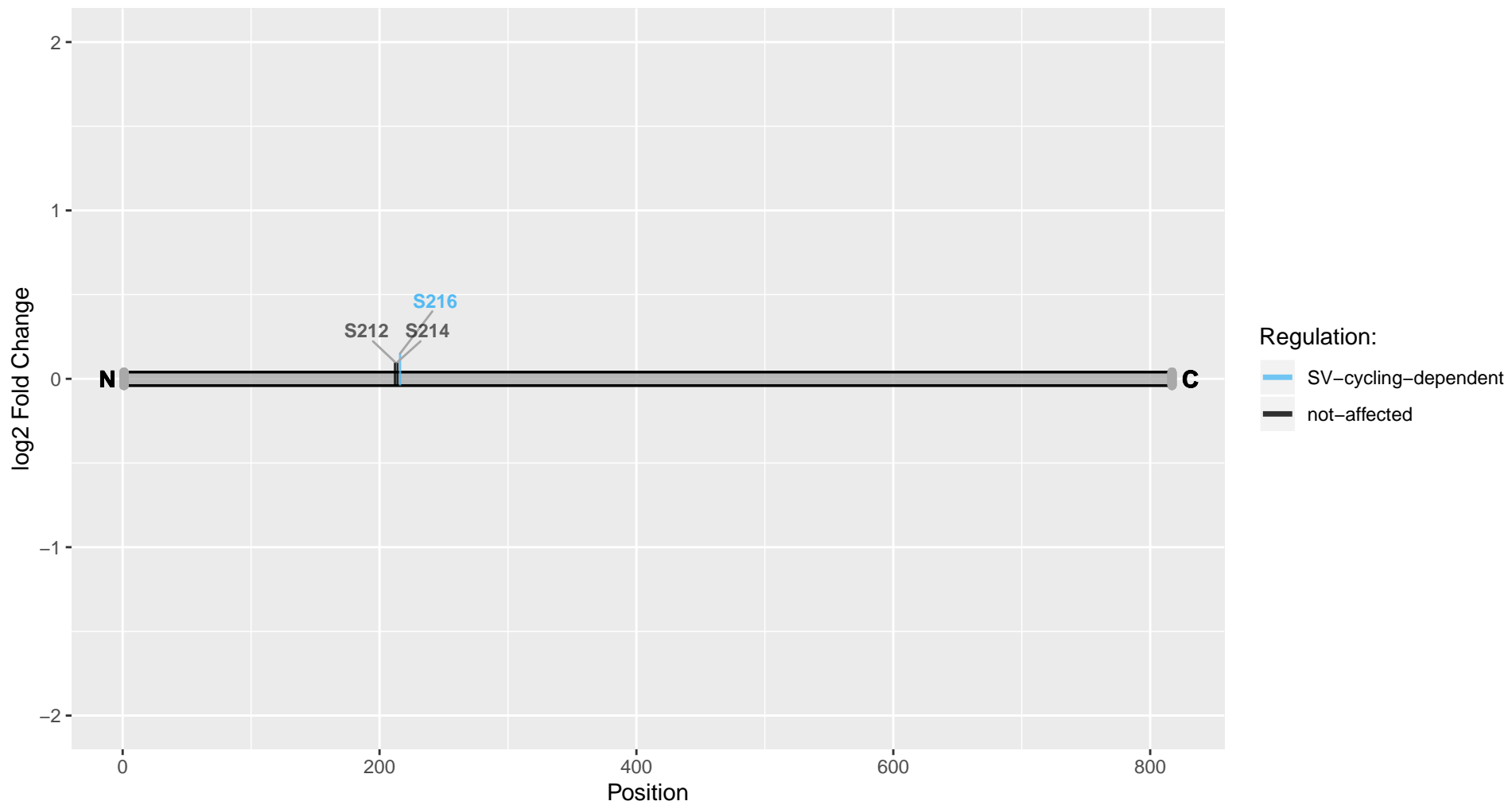
Ephrin B3



Efr3b

Uniprot Accession: F1LTW9

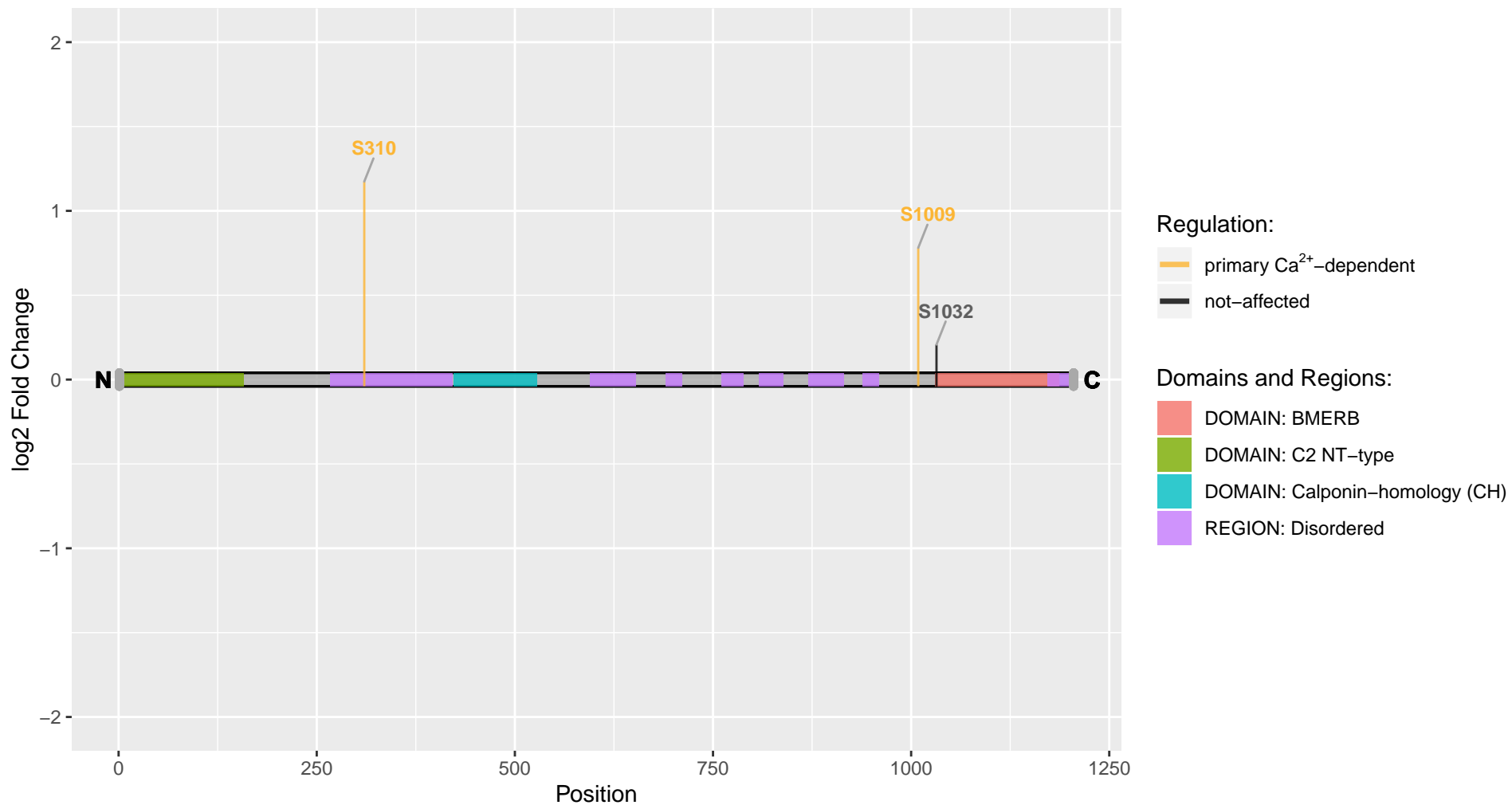
EFR3 homolog B



Ehbp1

Uniprot Accession: F1LVX2

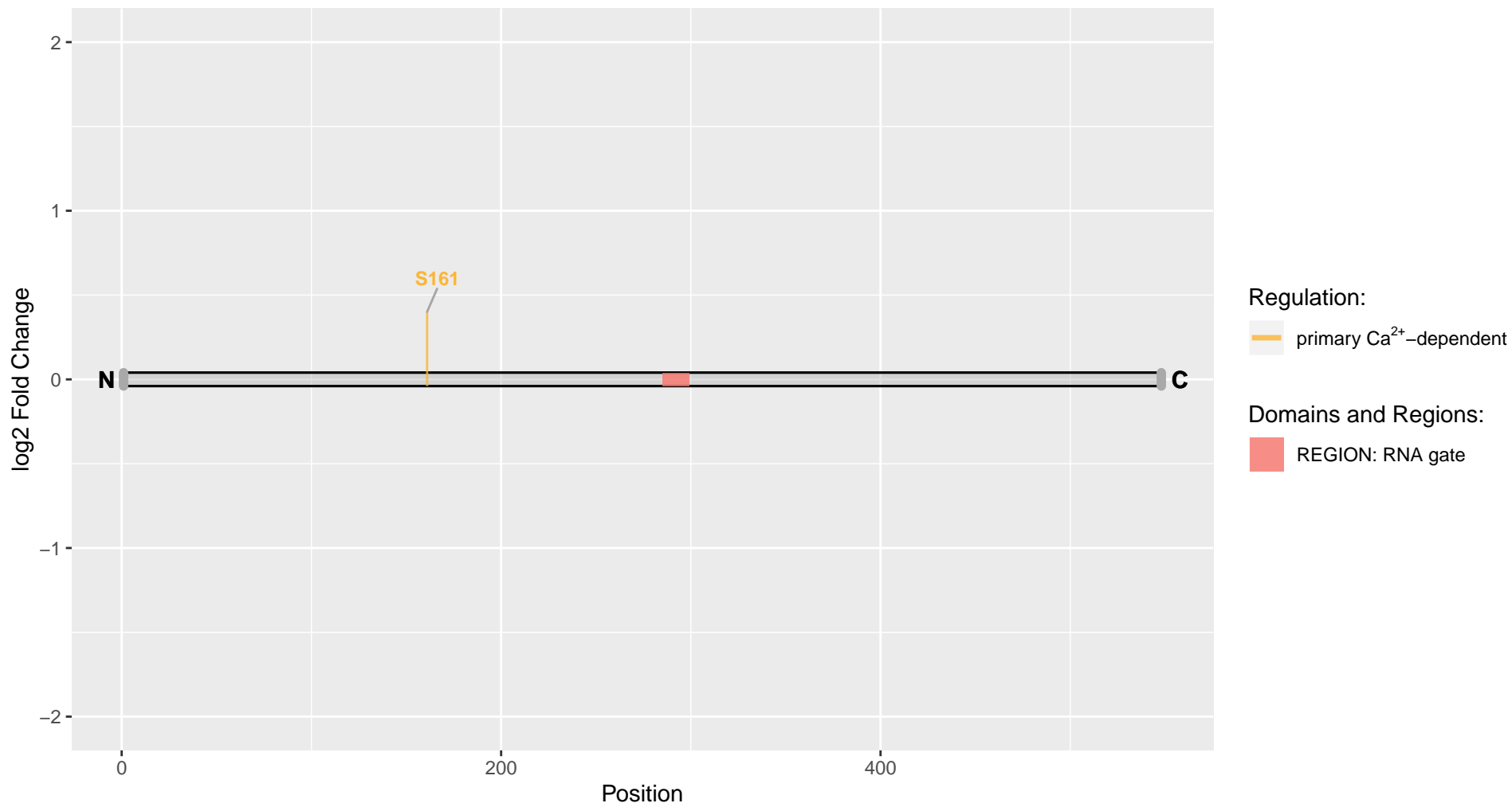
EH domain-binding protein 1



Eif3d

Uniprot Accession: Q6AYK8

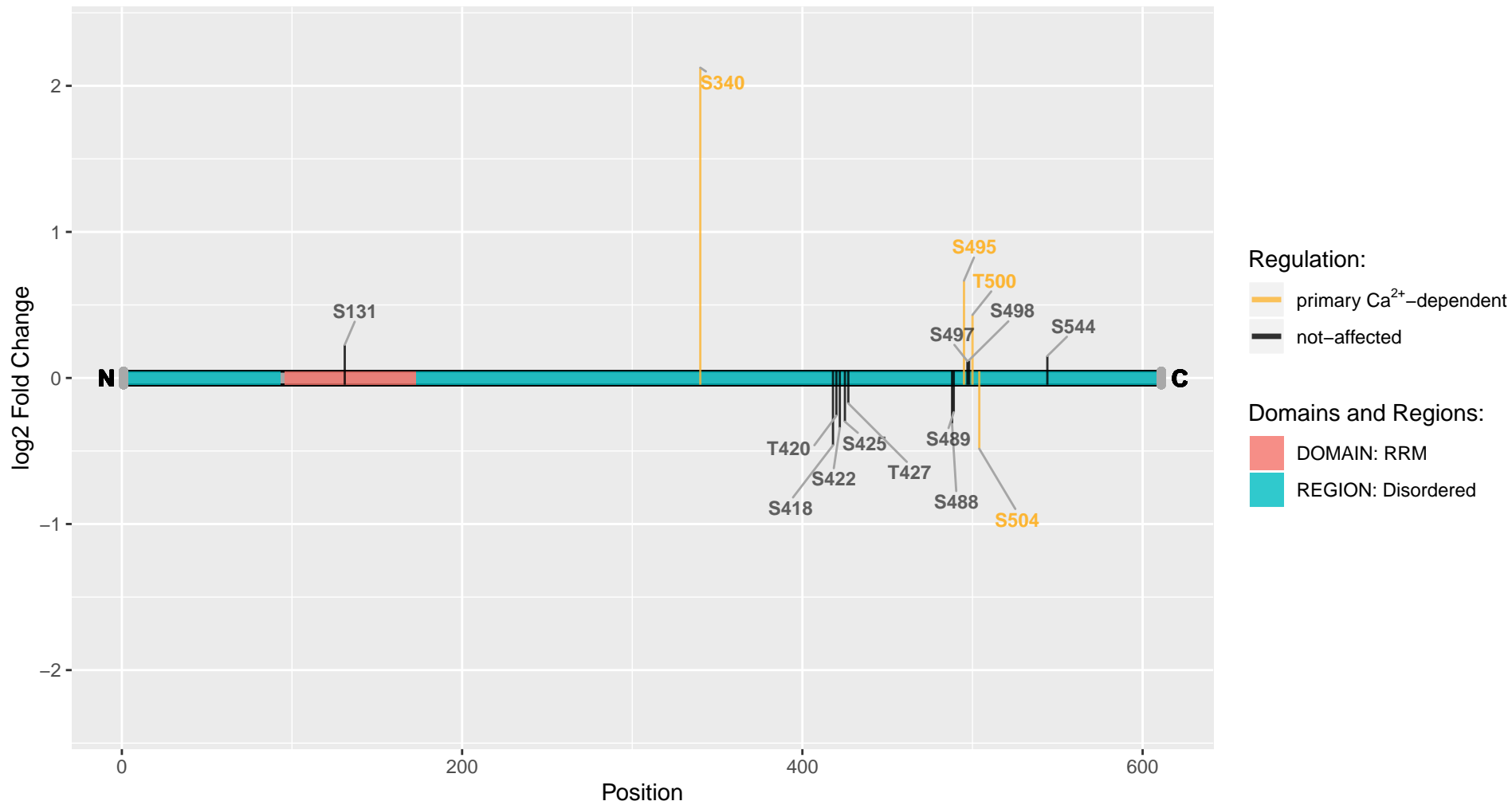
Eukaryotic translation initiation factor 3 subunit D



Eif4b

Uniprot Accession: Q5RKG9

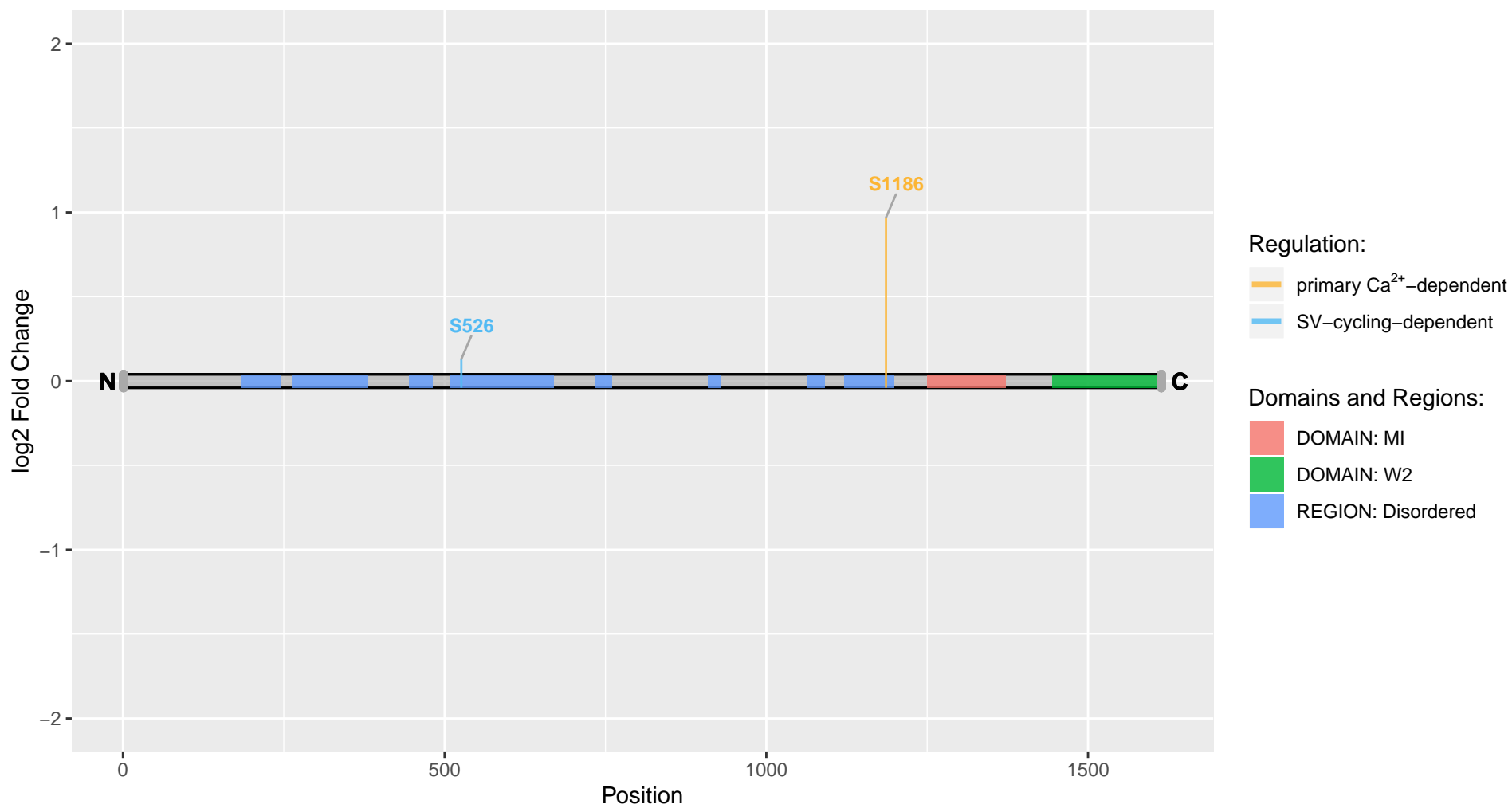
Eukaryotic translation initiation factor 4B



Eif4g3

Uniprot Accession: A0A0G2JY73

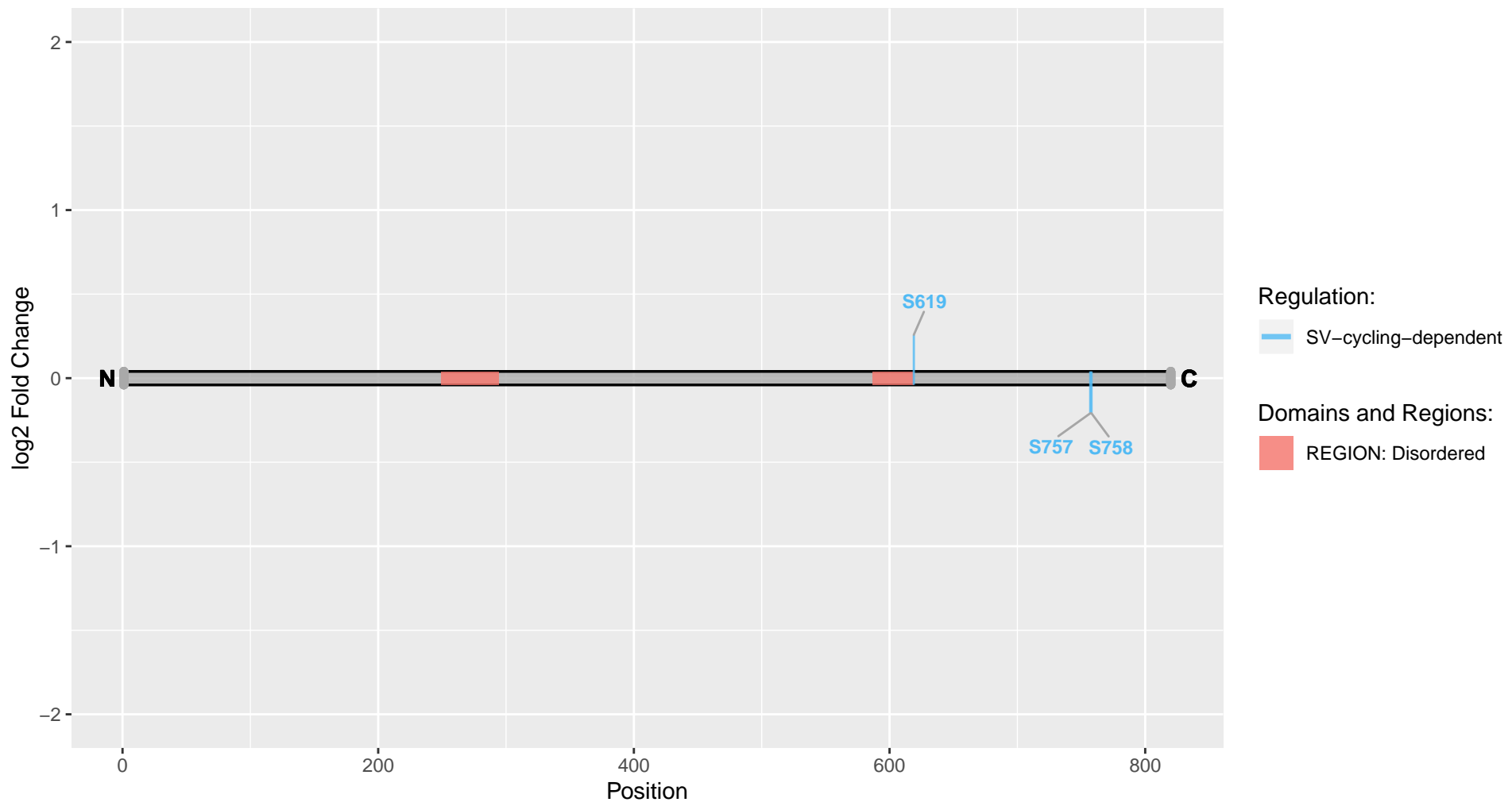
Eukaryotic translation initiation factor 4 gamma, 3



Elfn2

Uniprot Accession: D3ZH36

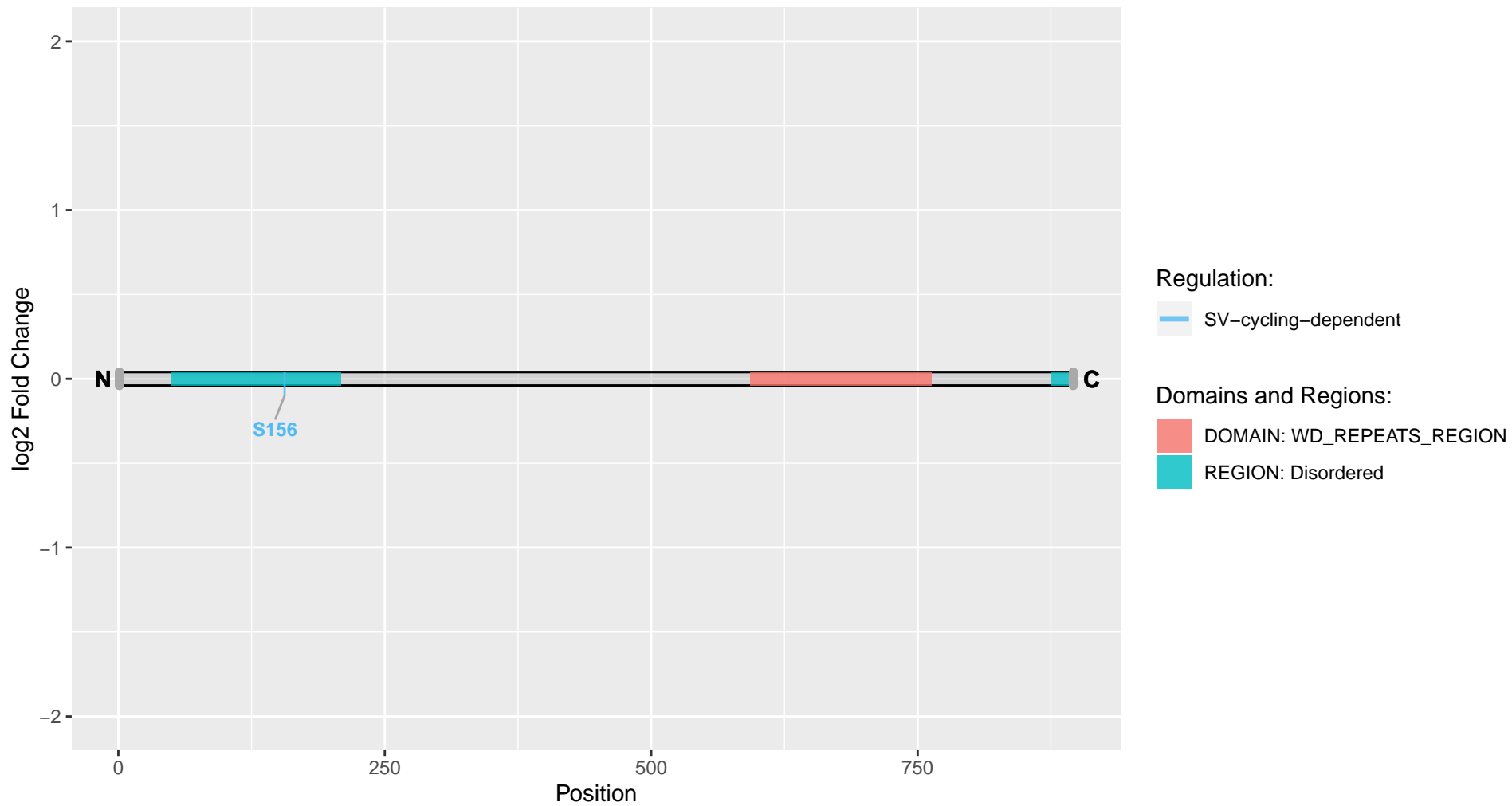
Extracellular leucine-rich repeat and fibronectin type III domain-containing 2



Eml3

Uniprot Accession: D4A4R1

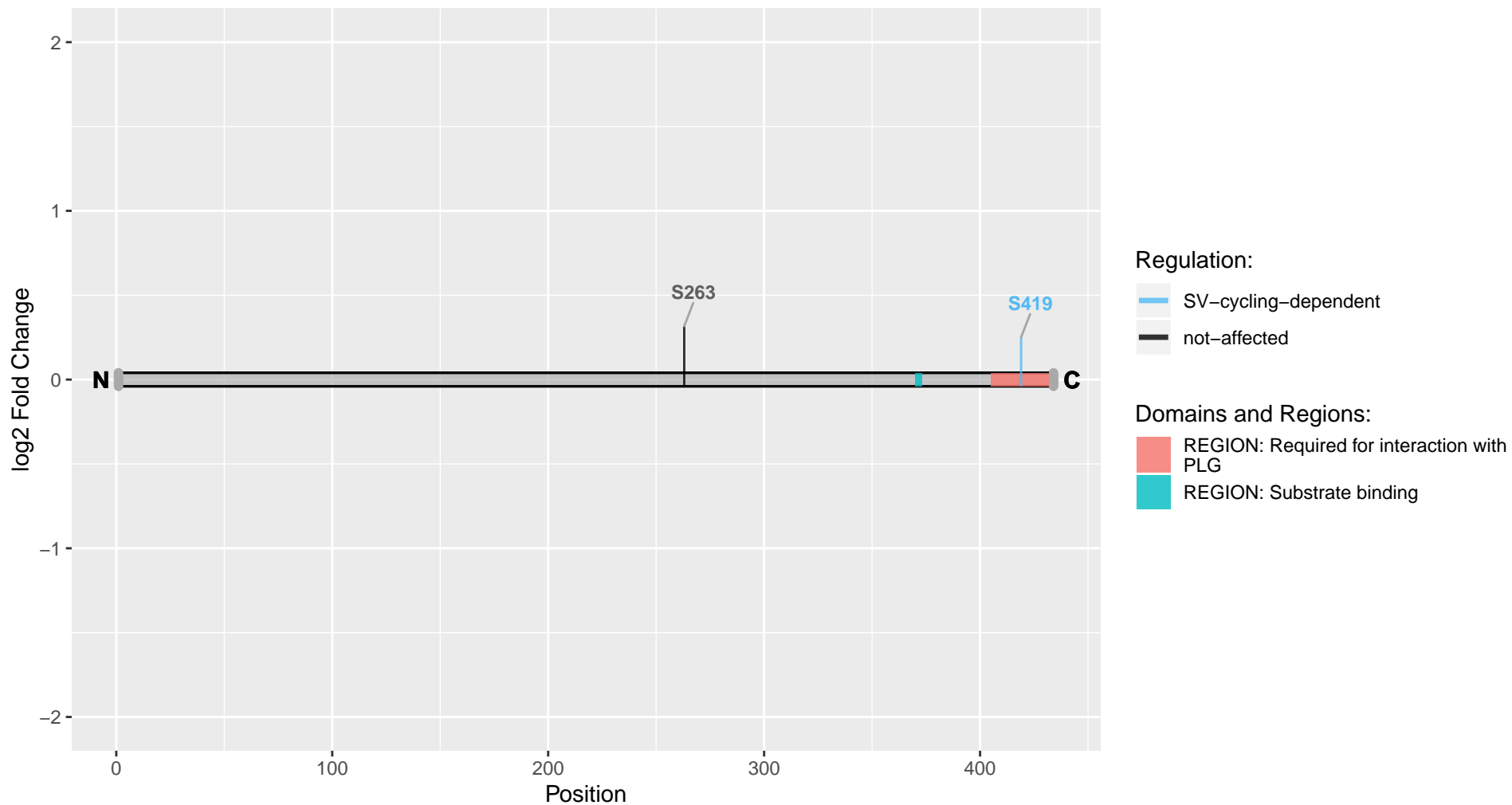
EMAP-like 3



Eno1

Uniprot Accession: P04764

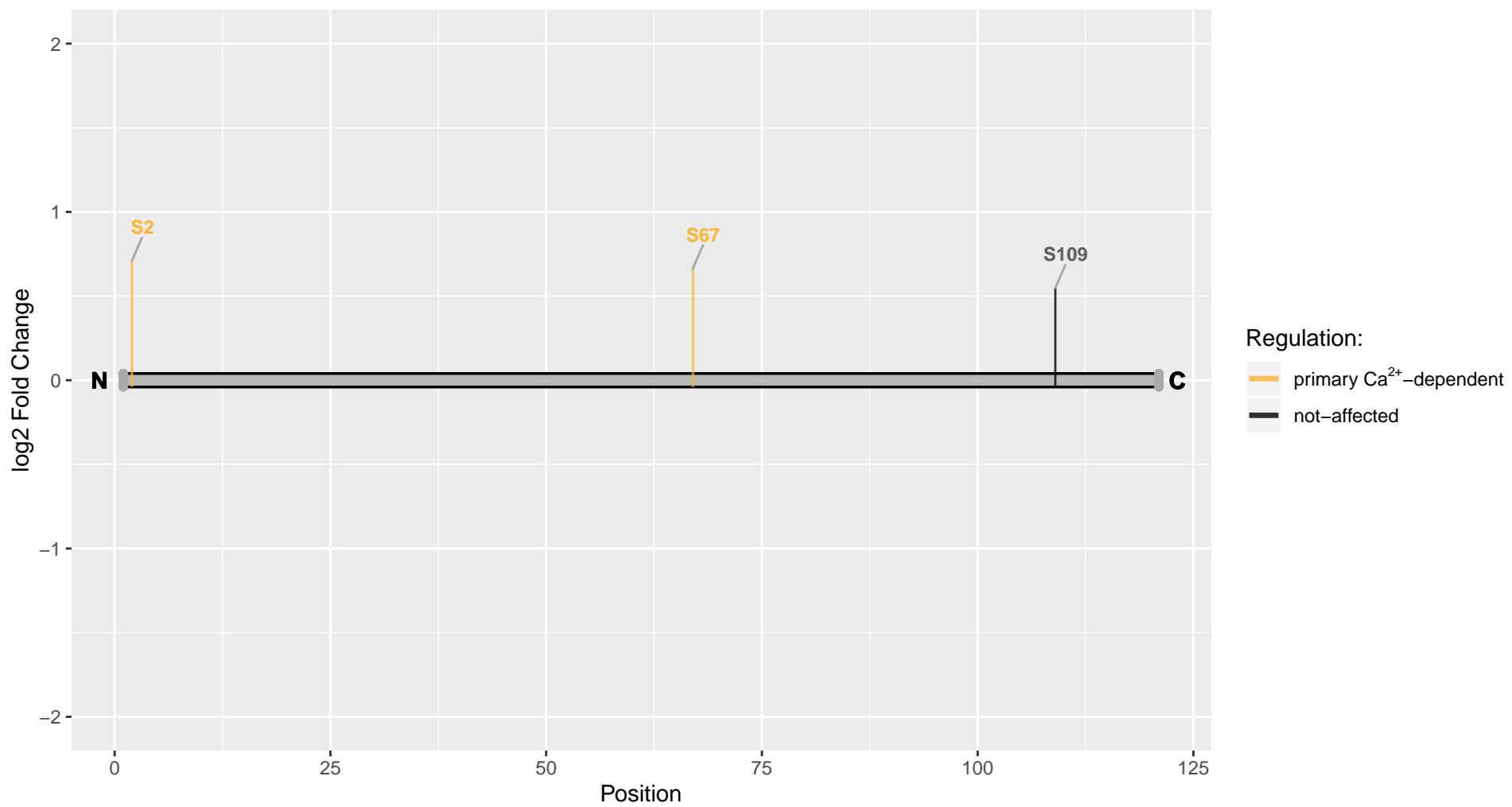
Alpha-enolase



Ensa

Uniprot Accession: P60841

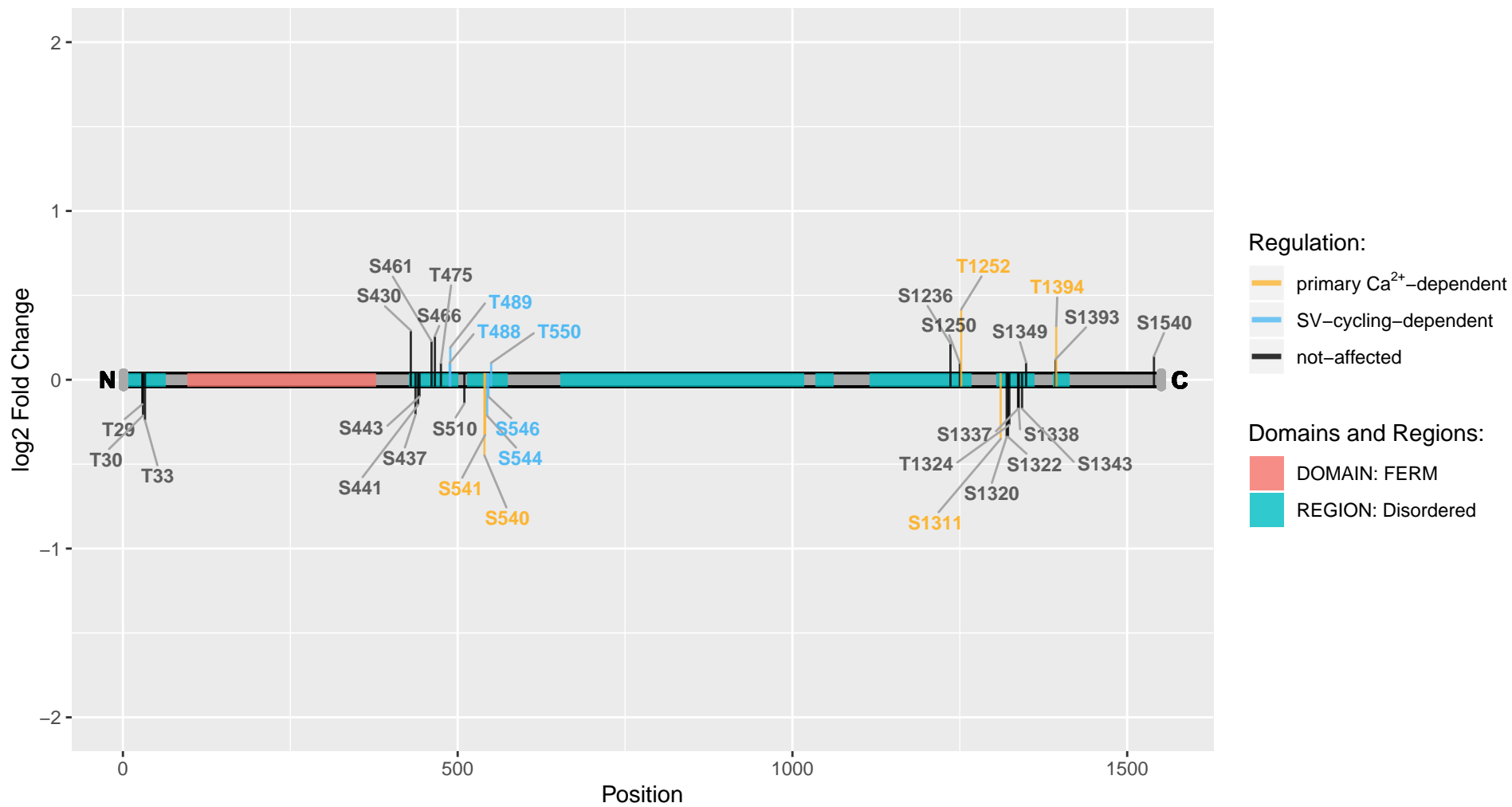
Alpha-endosulfine



Epb4111

Uniprot Accession: A0A0G2K0F3

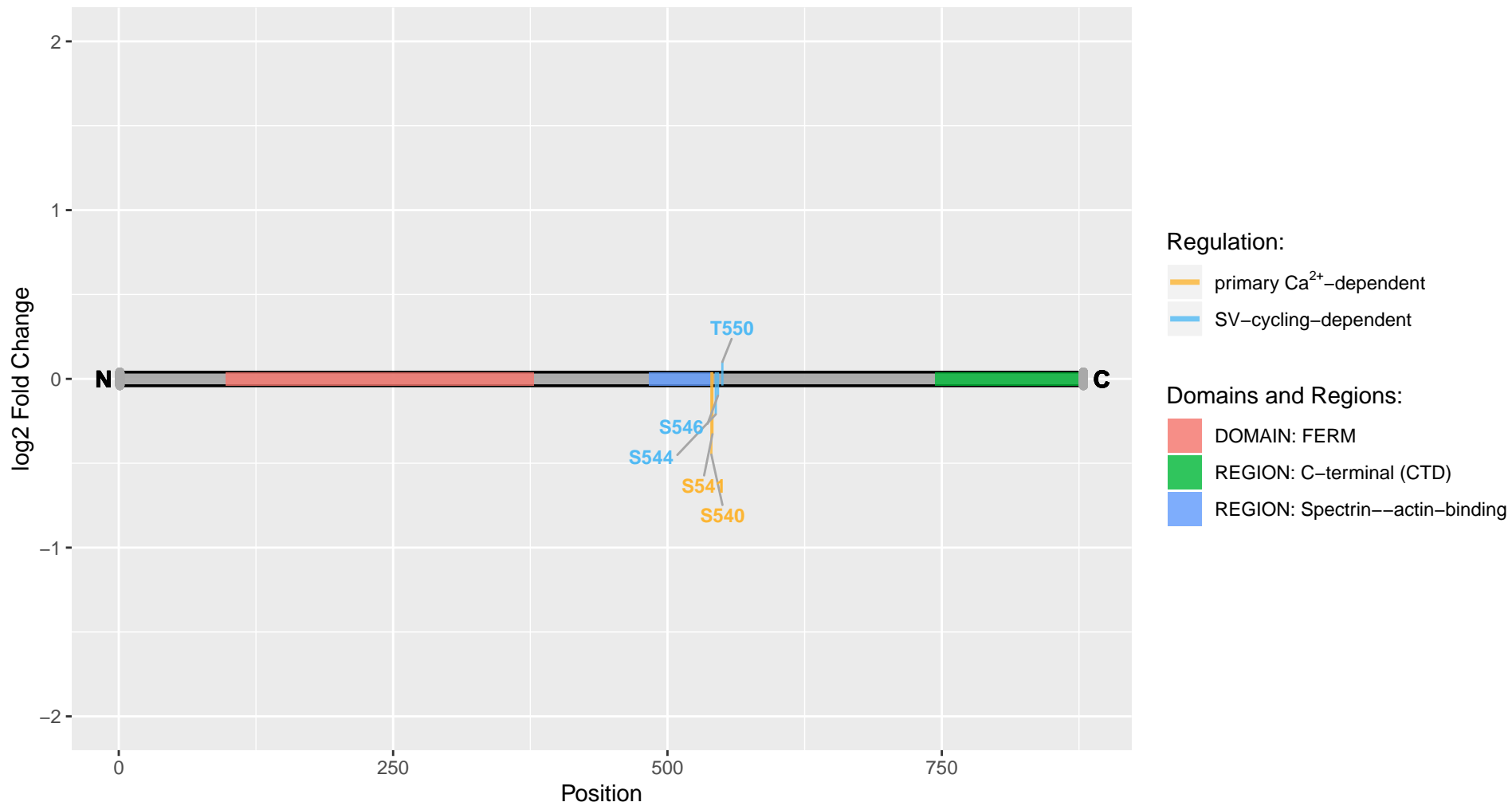
Band 4.1-like protein 1-like



Epb4111

Uniprot Accession: Q9WTP0

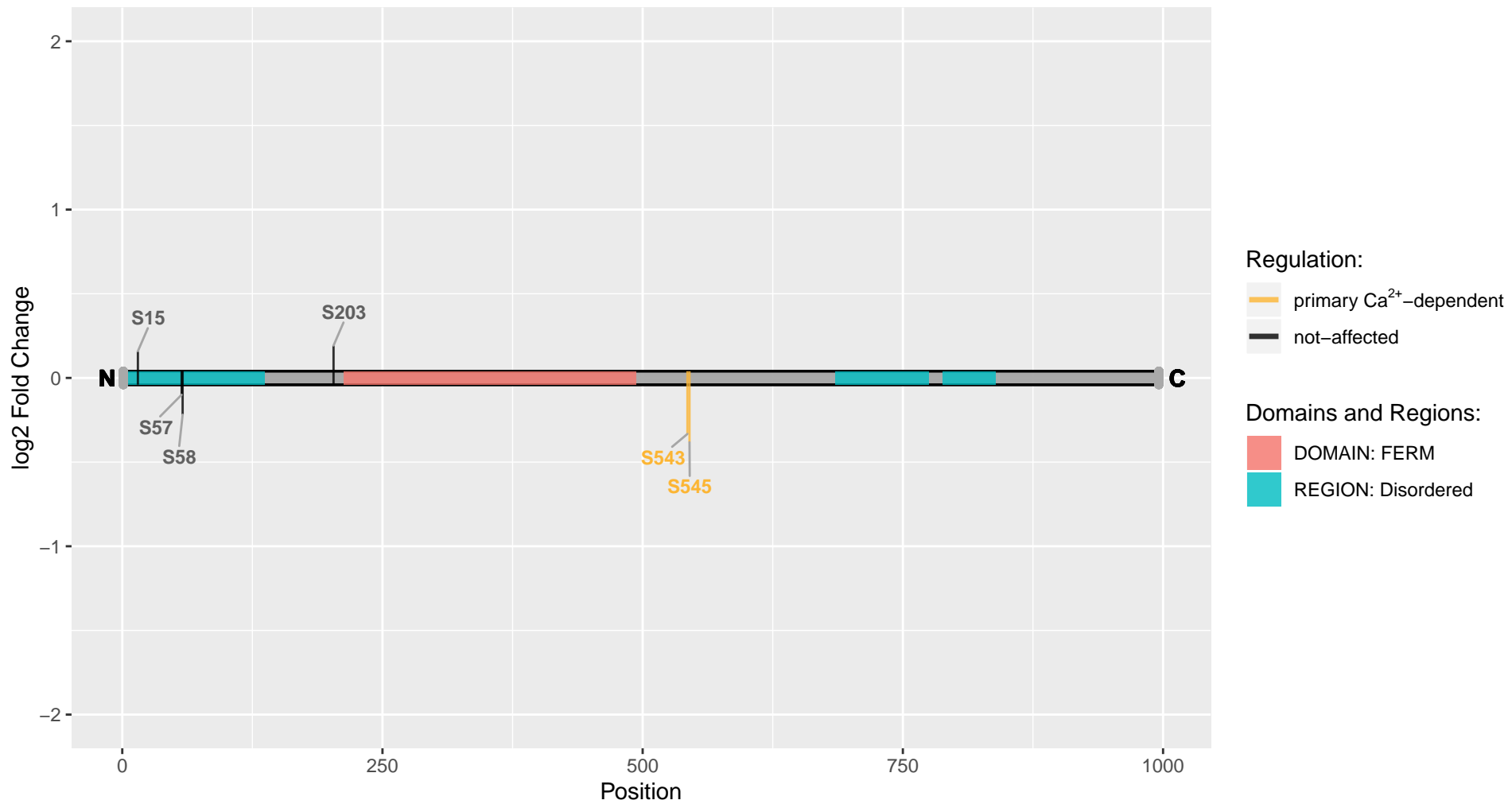
Band 4.1-like protein 1



Epb41I2

Uniprot Accession: D3ZM69

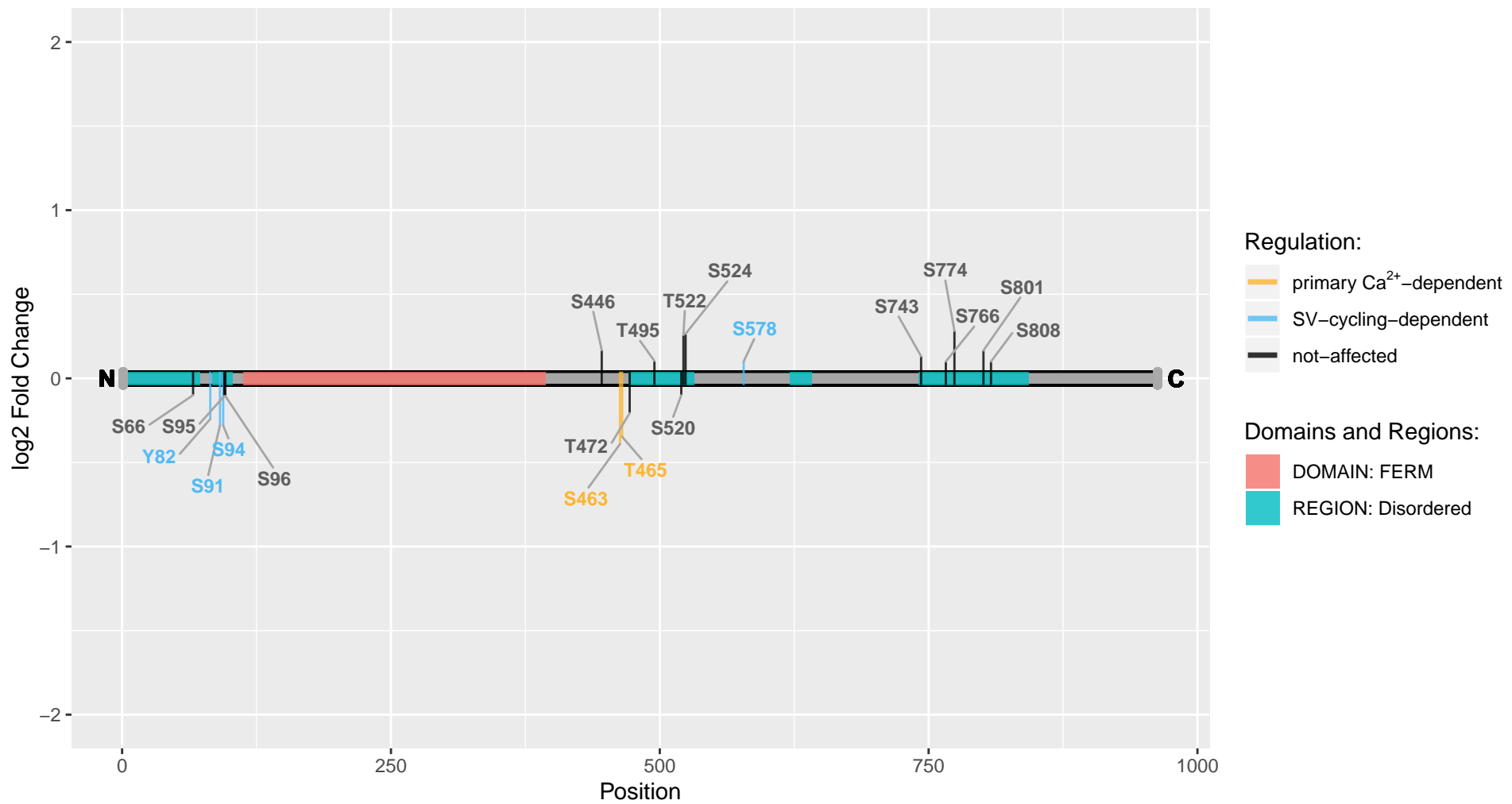
Erythrocyte membrane protein band 4.1-like 2



Epb4113

Uniprot Accession: G3V874

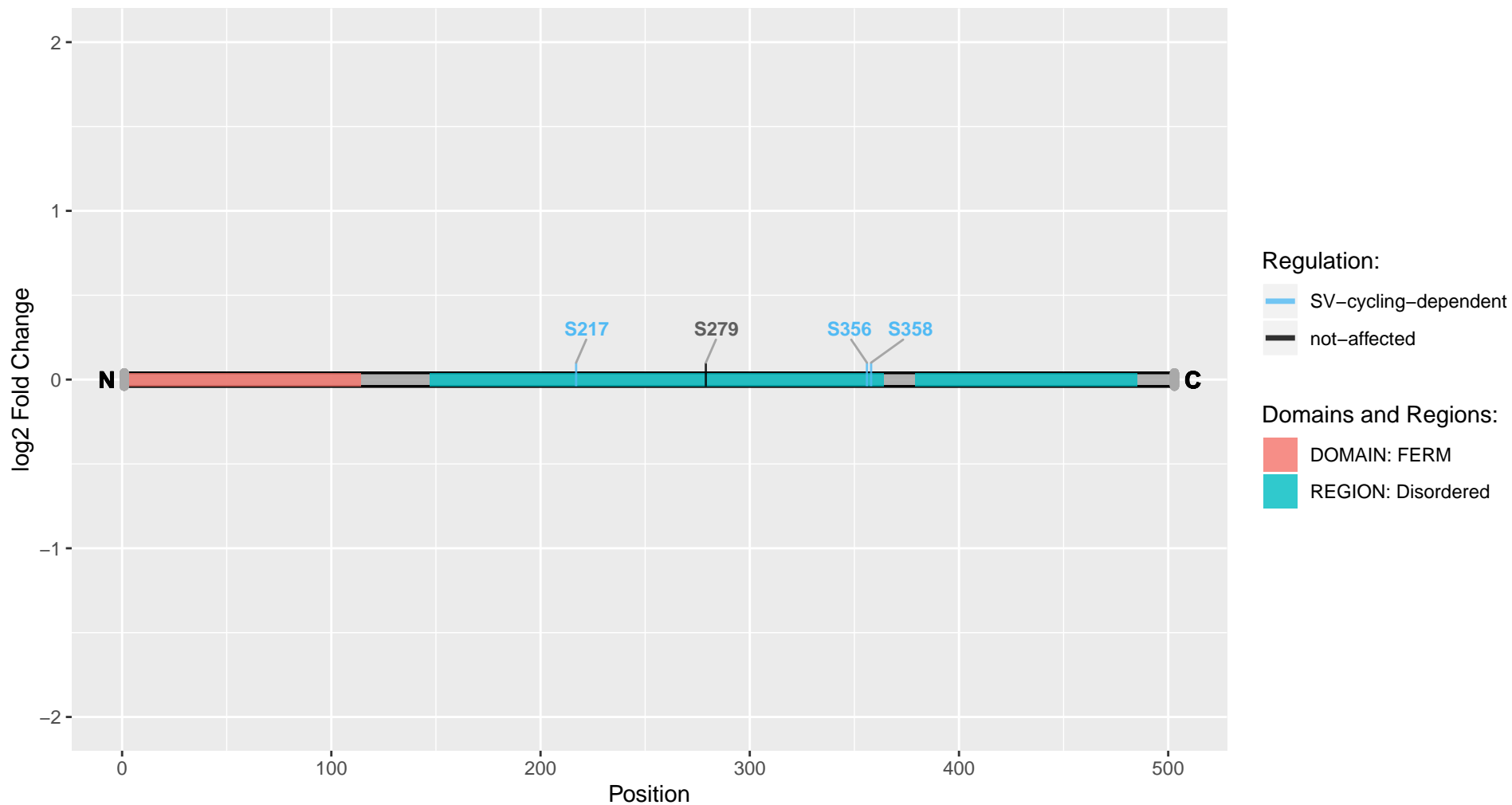
Erythrocyte membrane protein band 4.1-like 3



Epb41l4a

Uniprot Accession: A0A0G2JW20

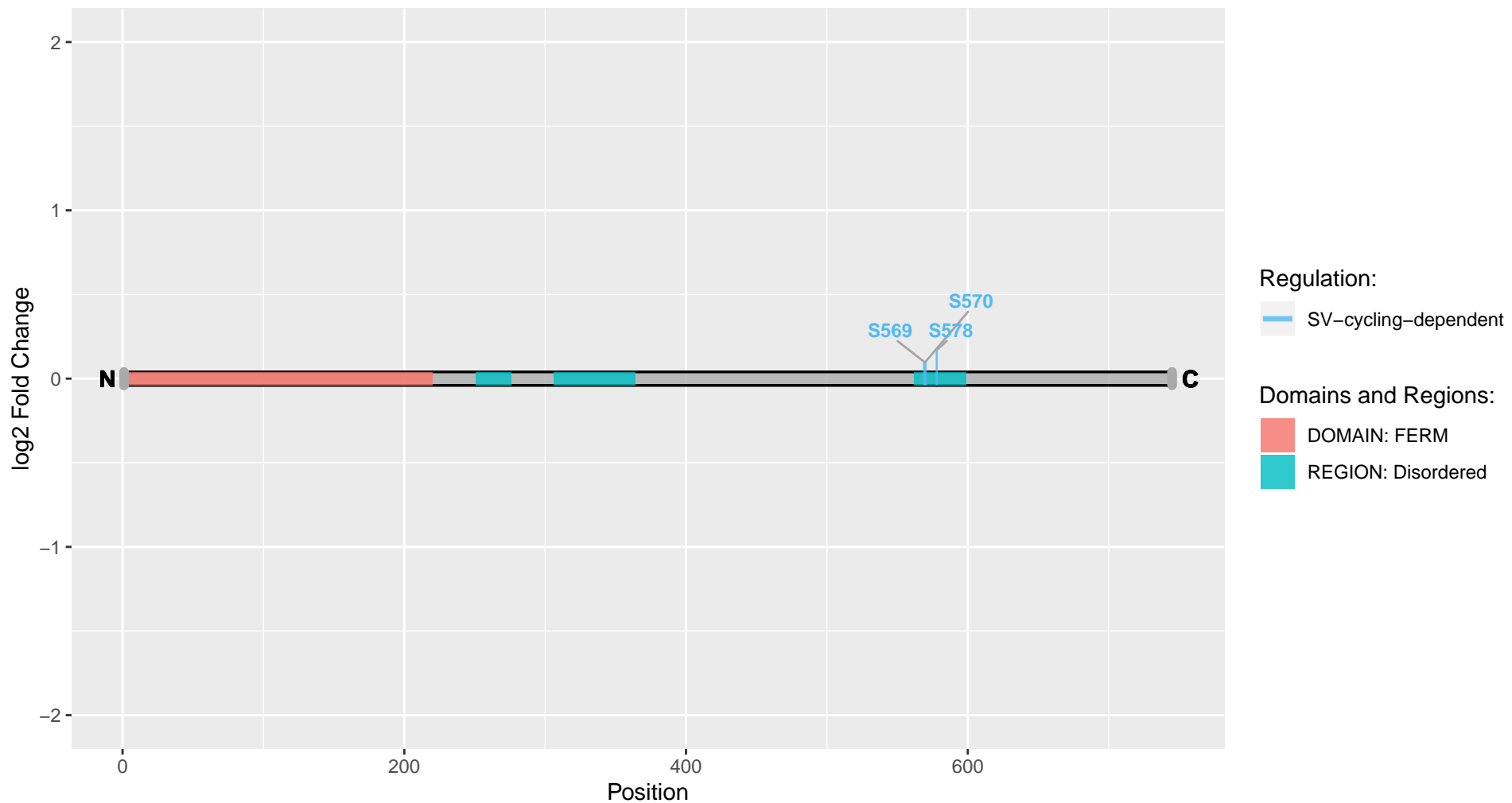
Erythrocyte membrane protein band 4.1-like 4A



Epb41l4b

Uniprot Accession: A0A0G2K3H4

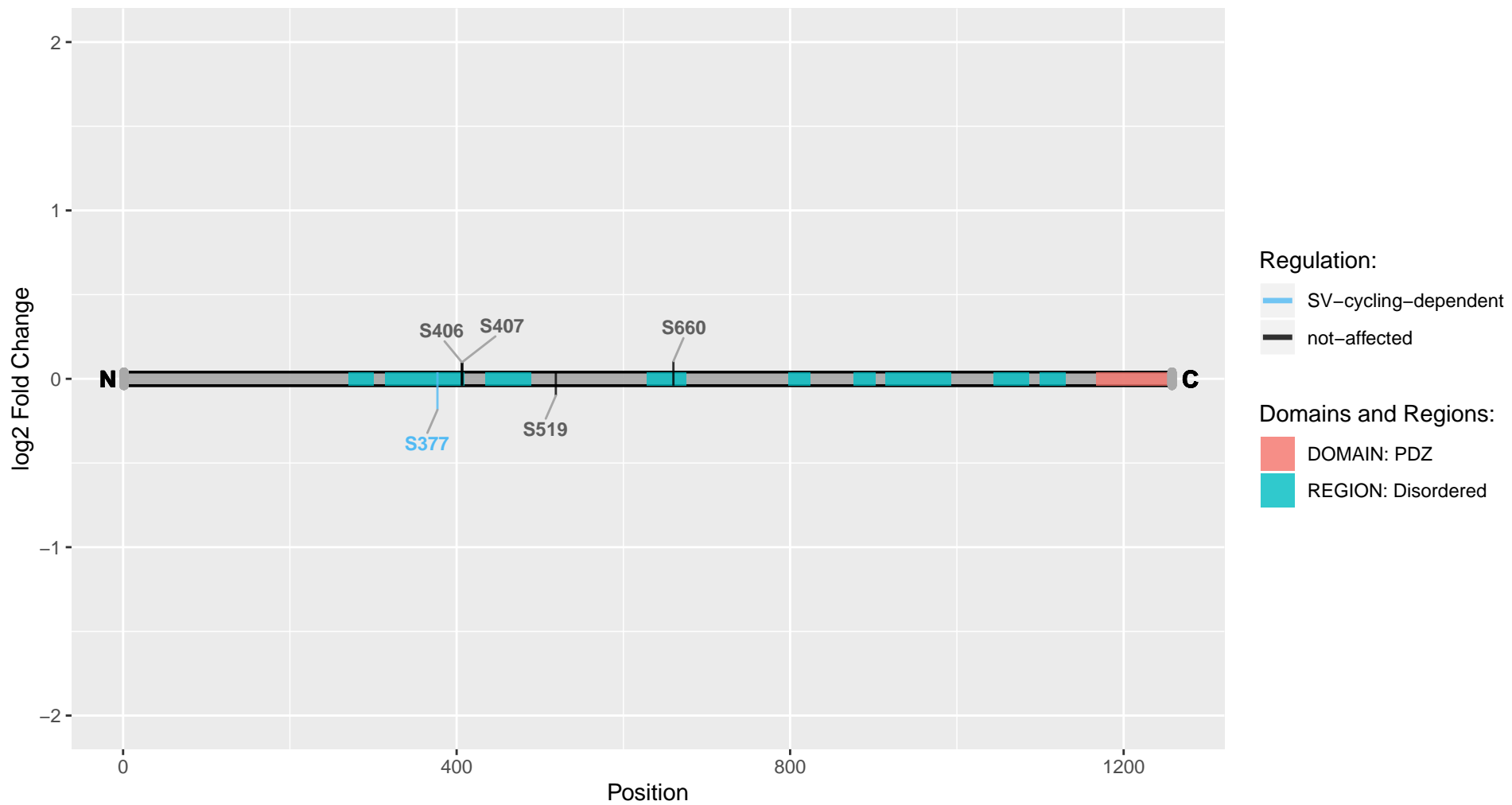
Band 4.1-like protein 4B



Erbin

Uniprot Accession: M0R9T2

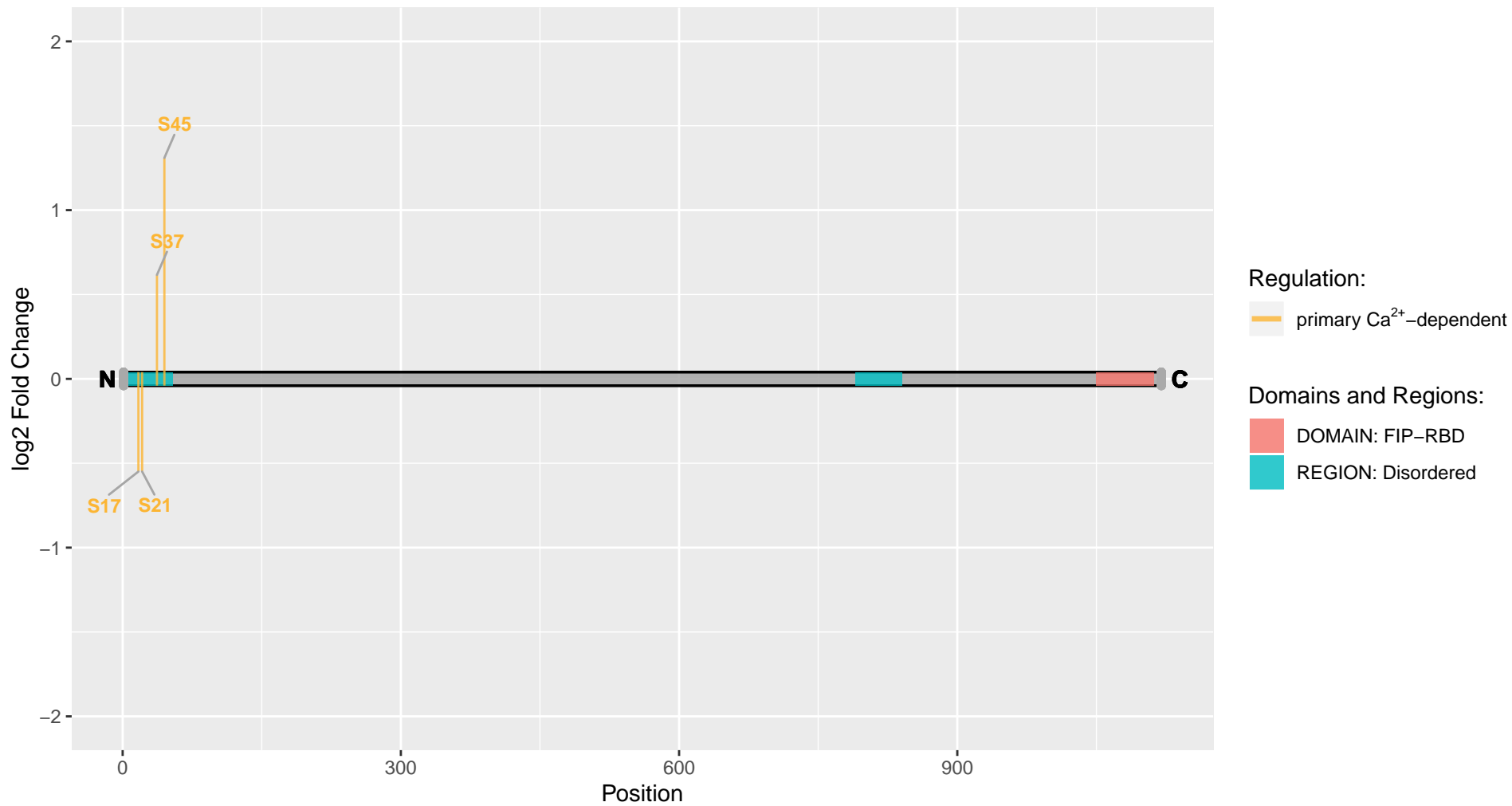
Erbb2-interacting protein



Erc1

Uniprot Accession: A0A0G2JYT1

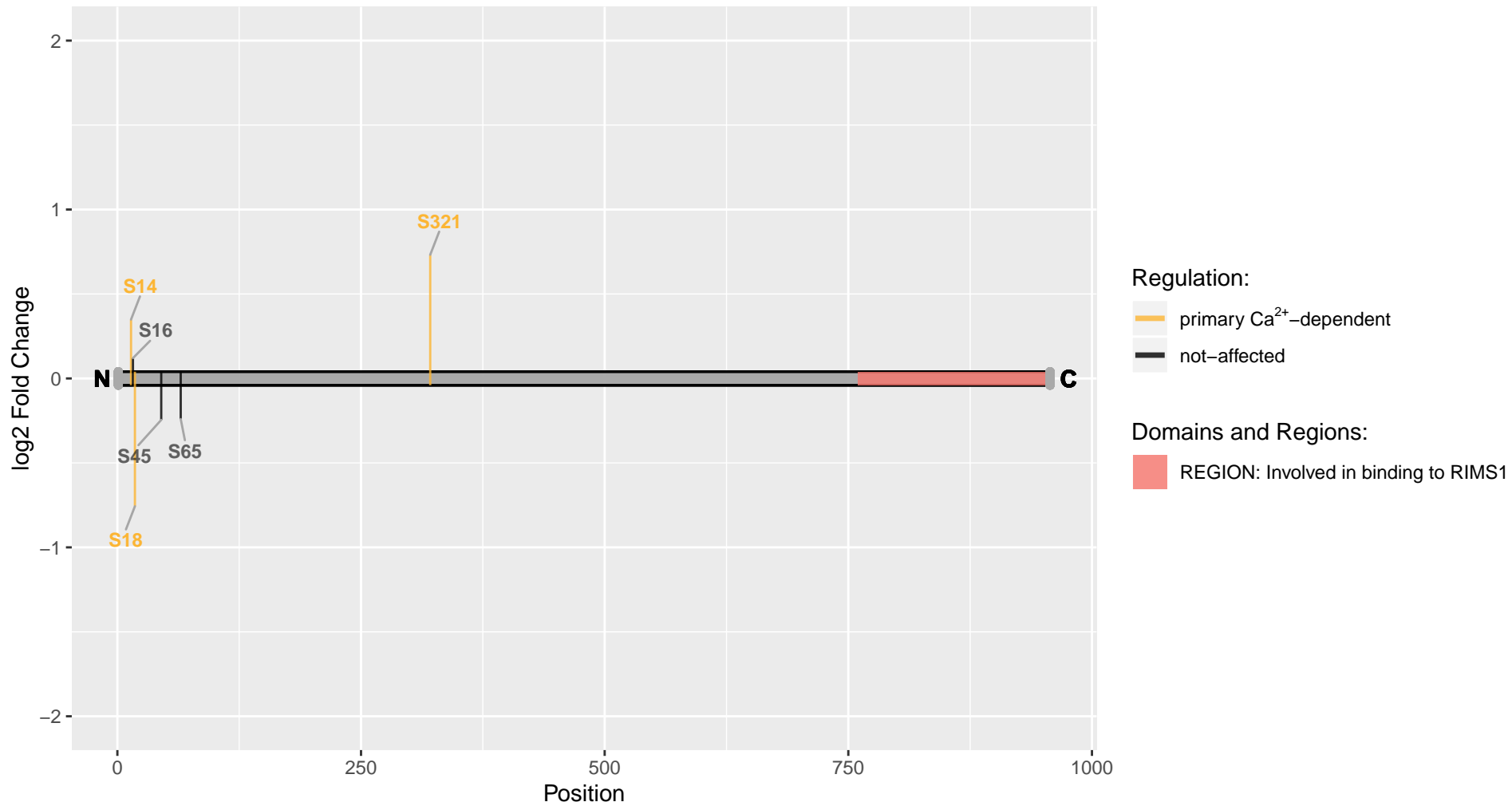
ELKS/Rab6-interacting/CAST family member 1



Erc2

Uniprot Accession: Q8K3M6

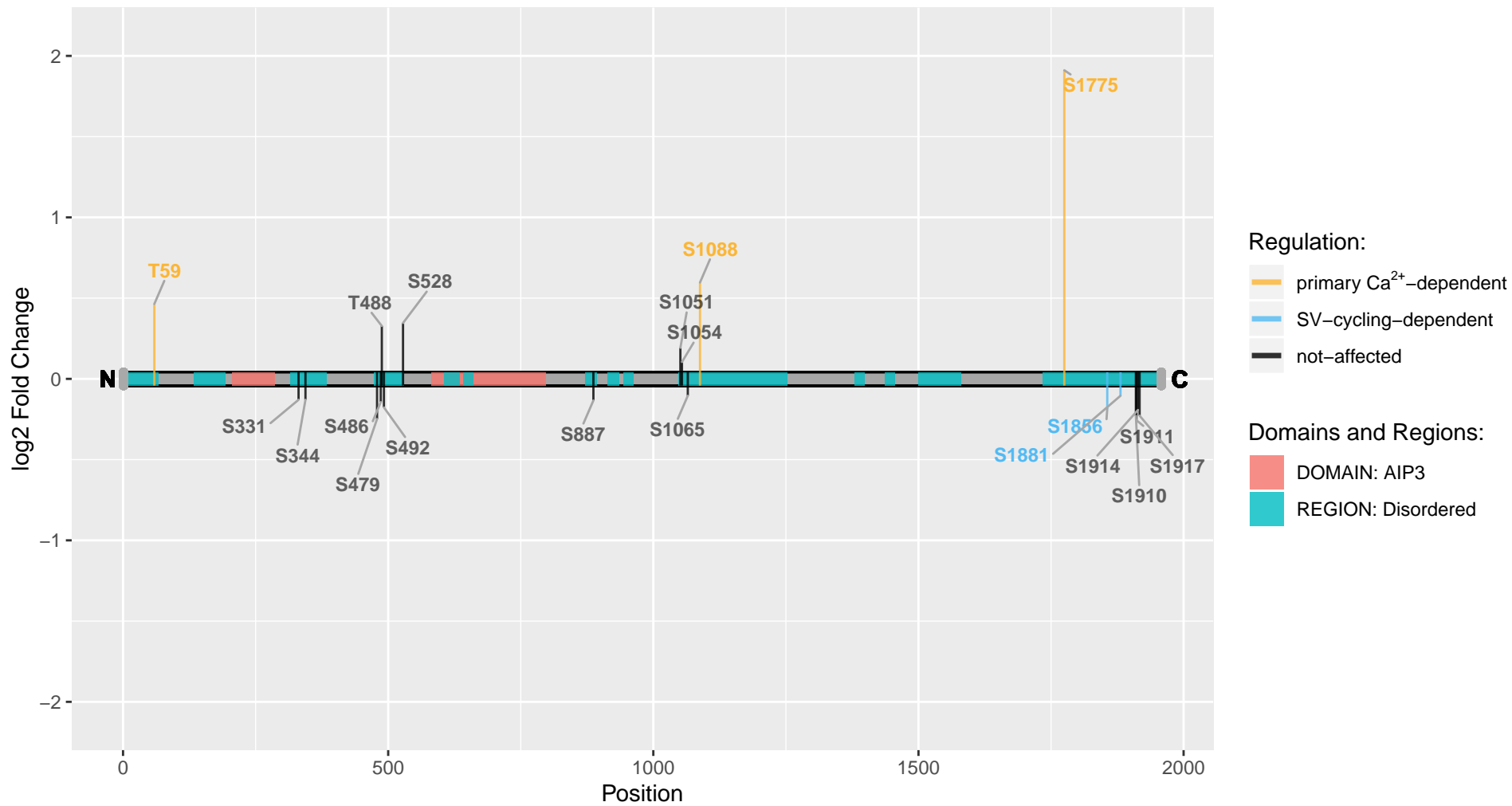
ERC protein 2



Etl4

Uniprot Accession: M0R5H1

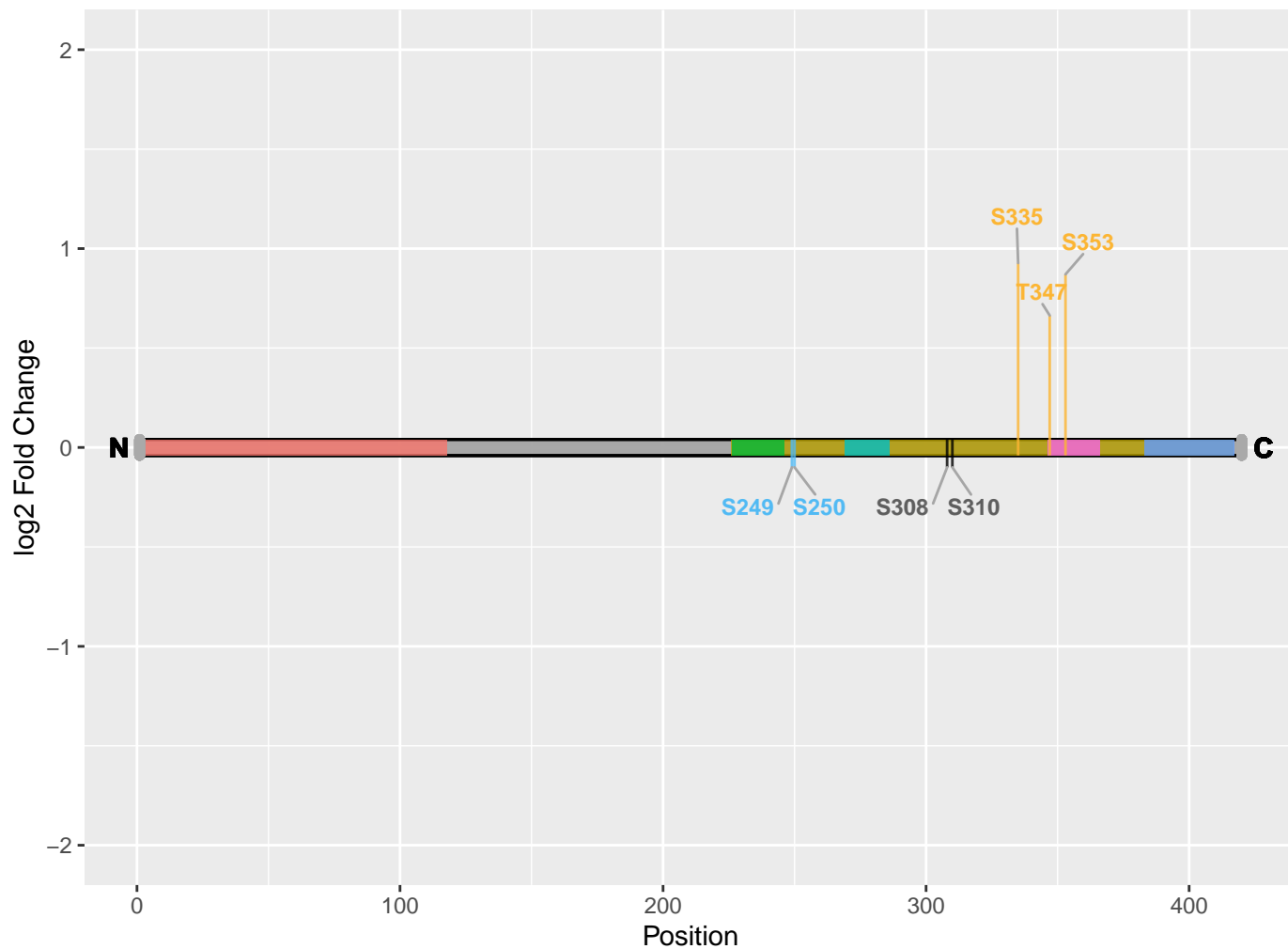
Enhancer trap locus 4



Evl

Uniprot Accession: O08719

Ena/VASP-like protein



Regulation:

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

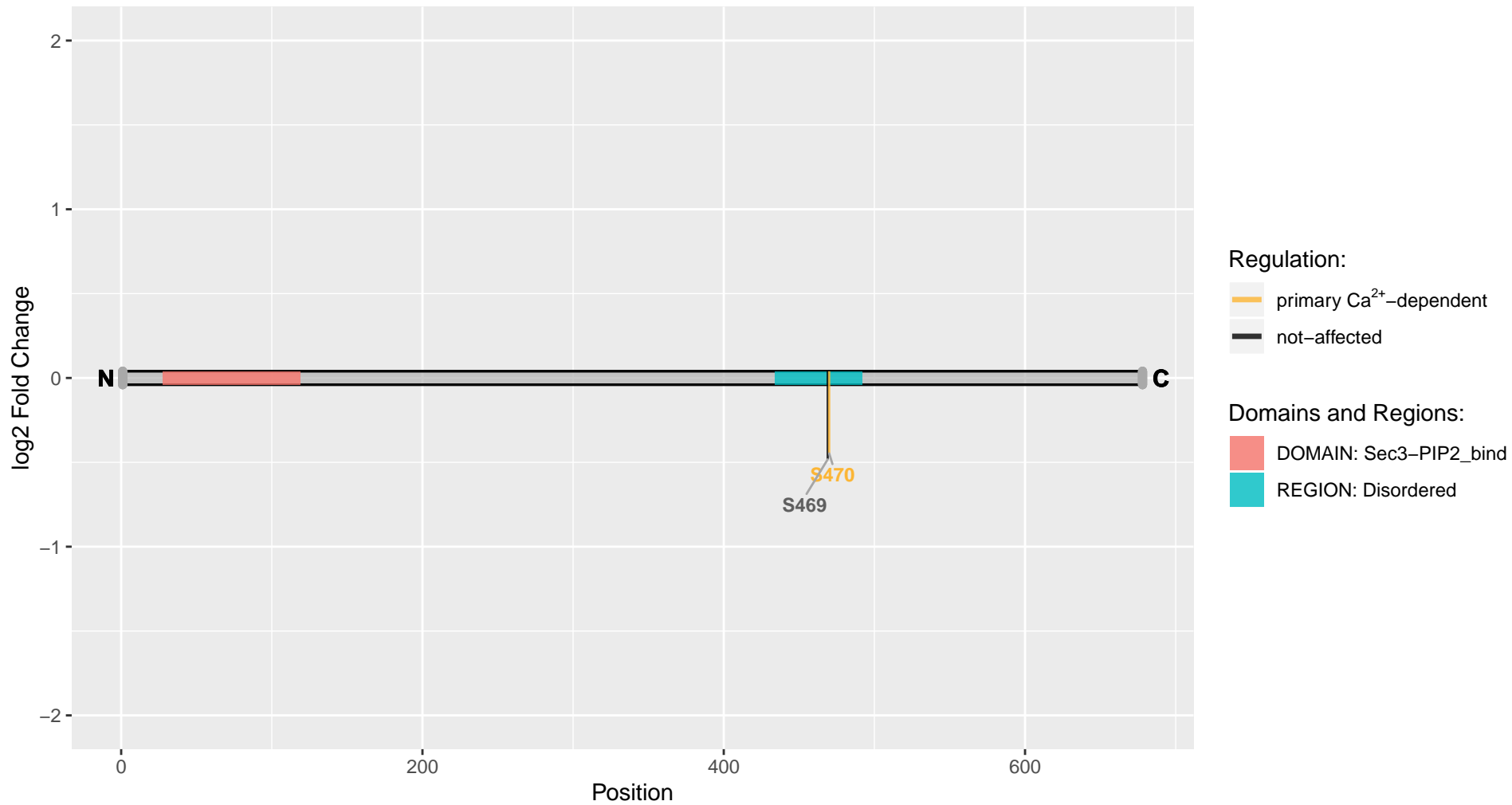
Domains and Regions:

- 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

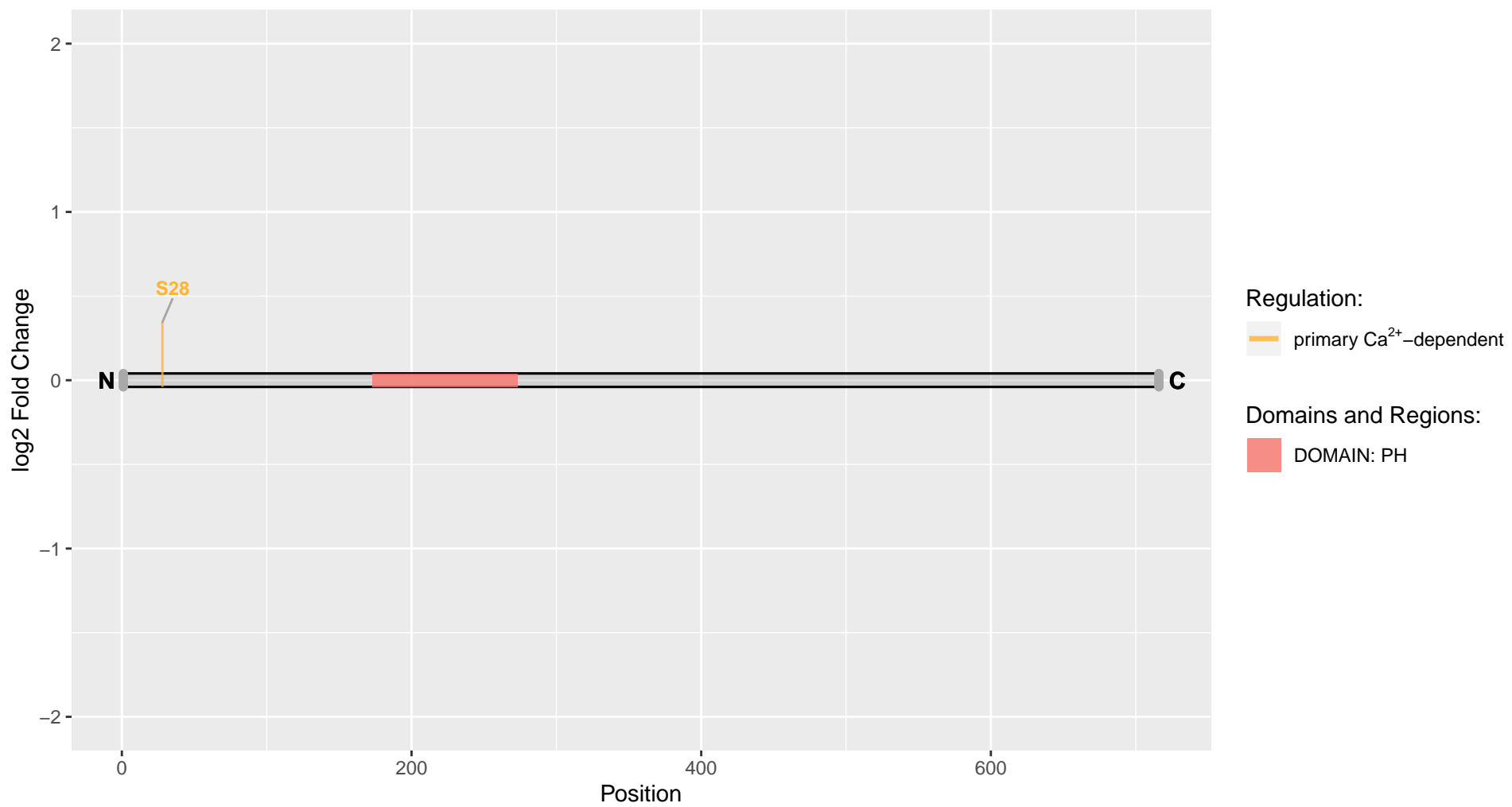
Exocyst complex component 1



Exoc8

Uniprot Accession: O54924

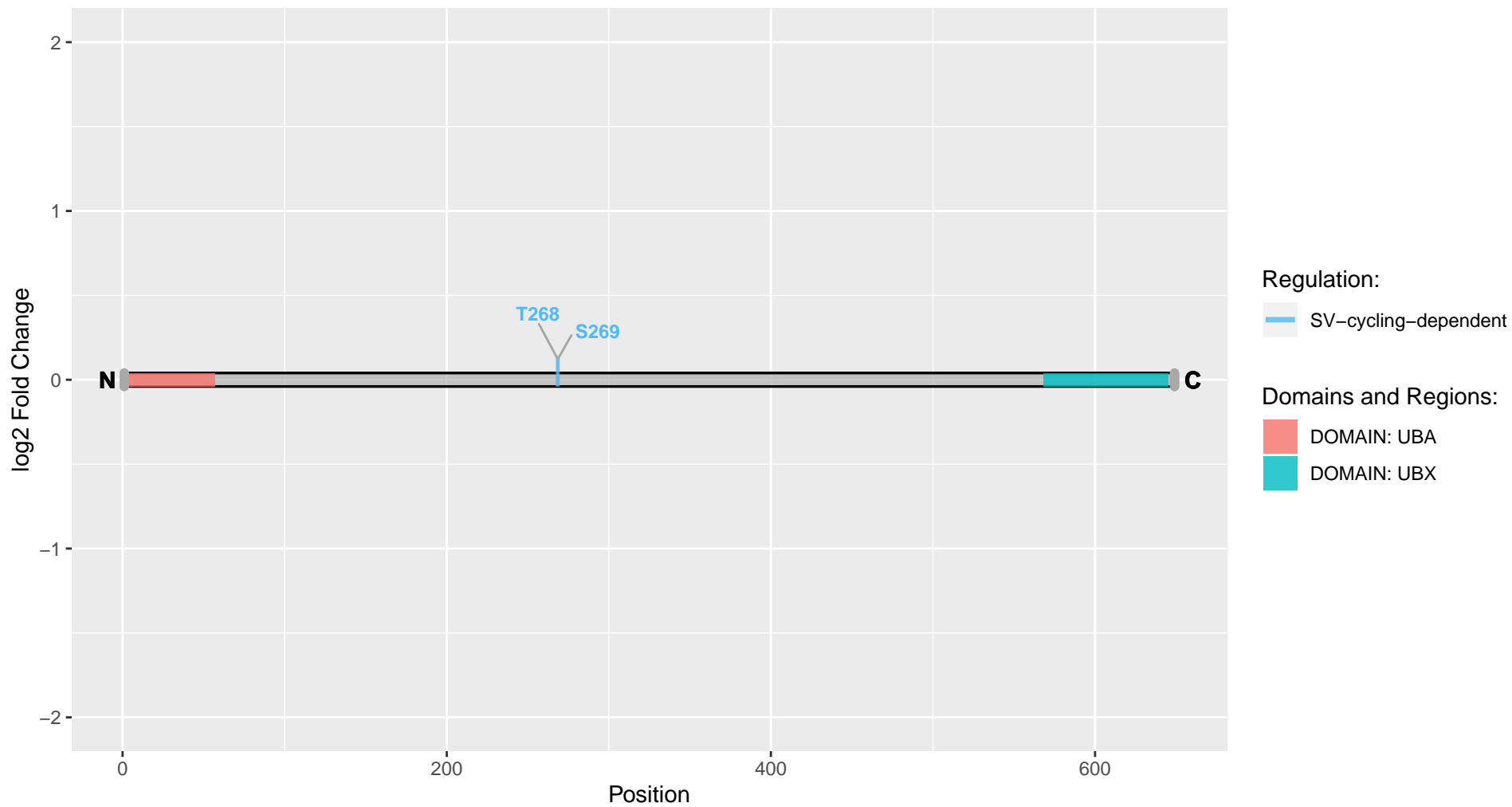
Exocyst complex component 8



Faf1

Uniprot Accession: Q924K2

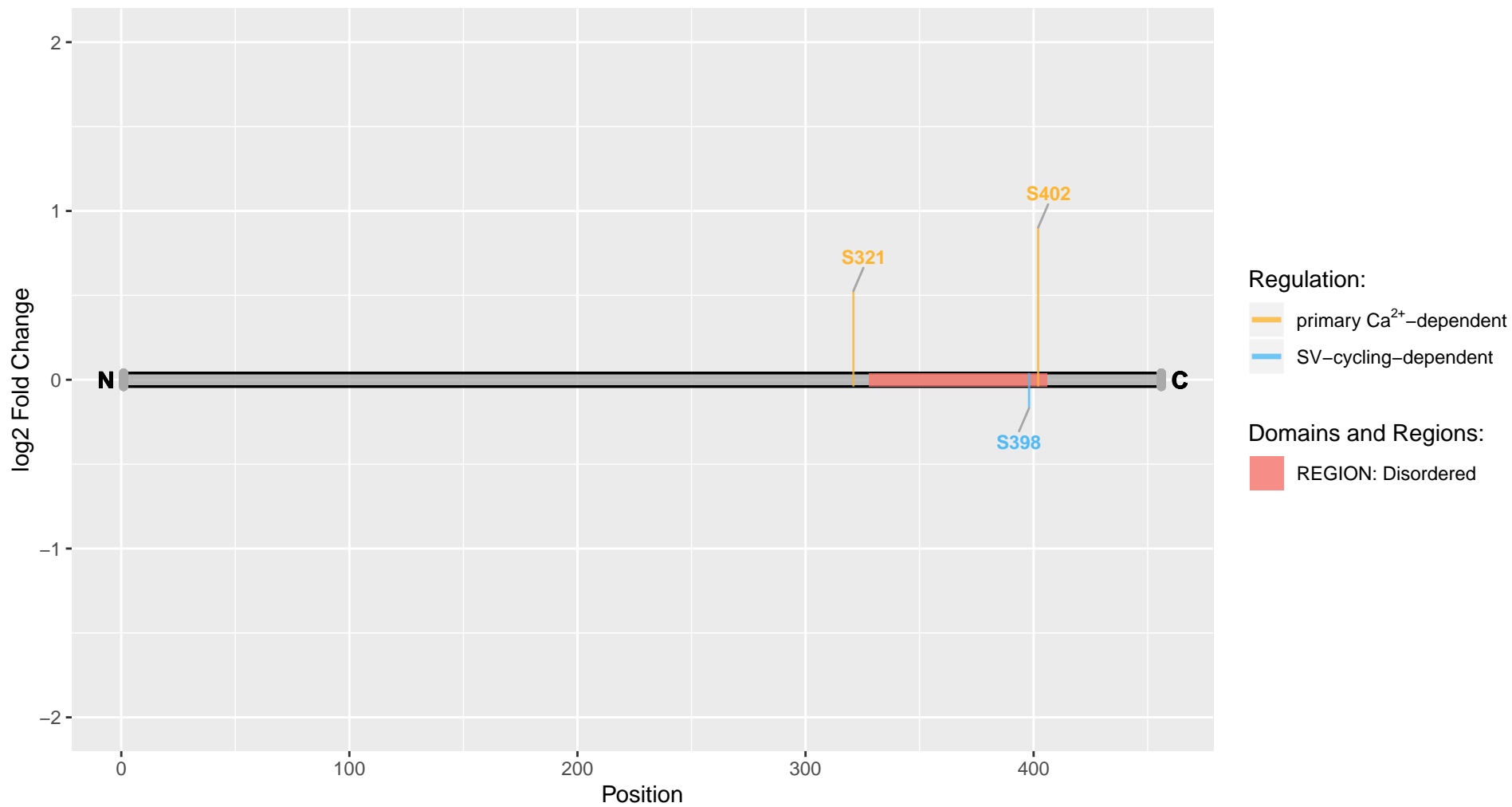
FAS-associated factor 1



Fam126b

Uniprot Accession: Q4V7D4

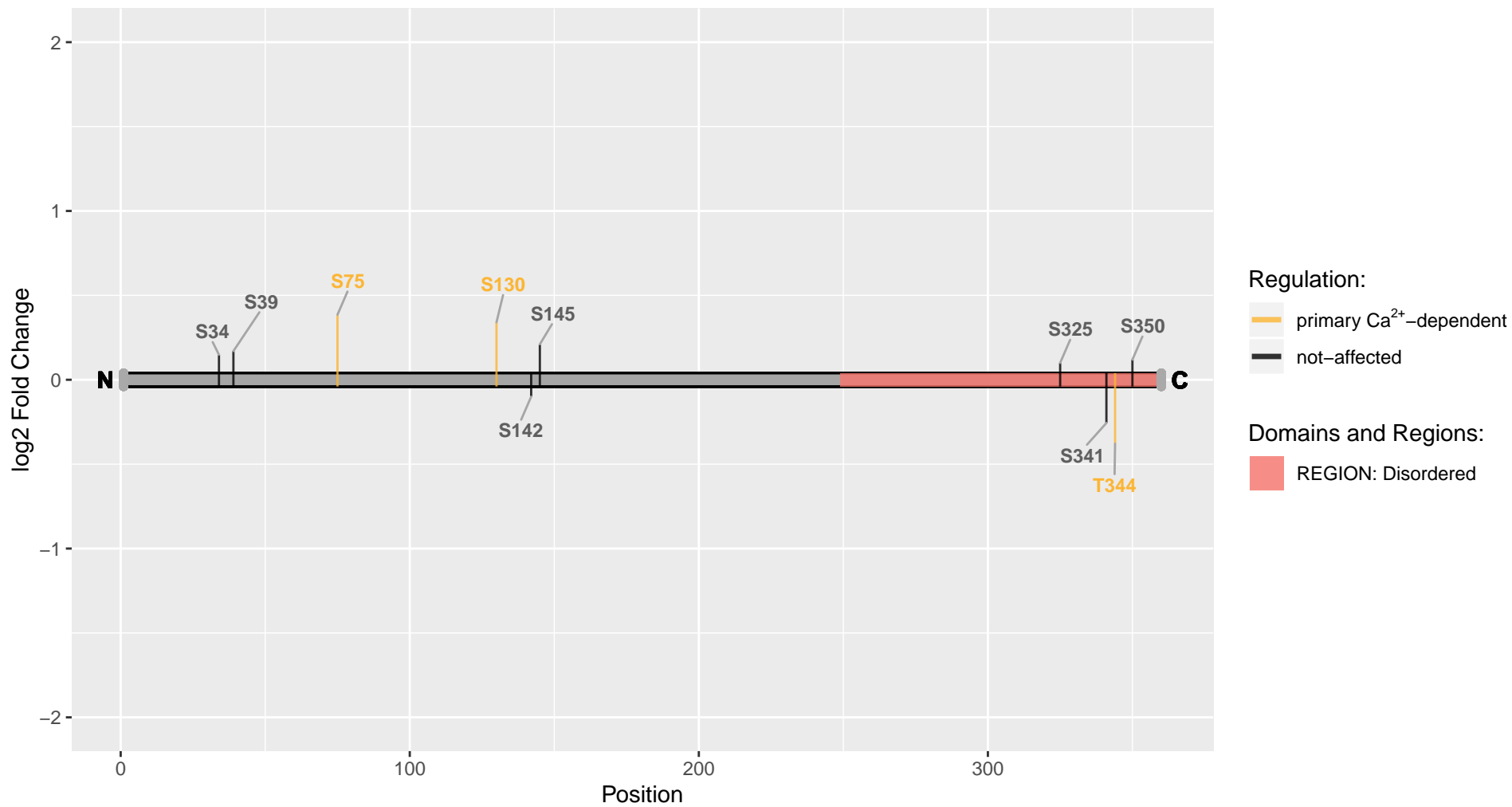
Family with sequence similarity 126, member B



Fam131b

Uniprot Accession: F8WFH6

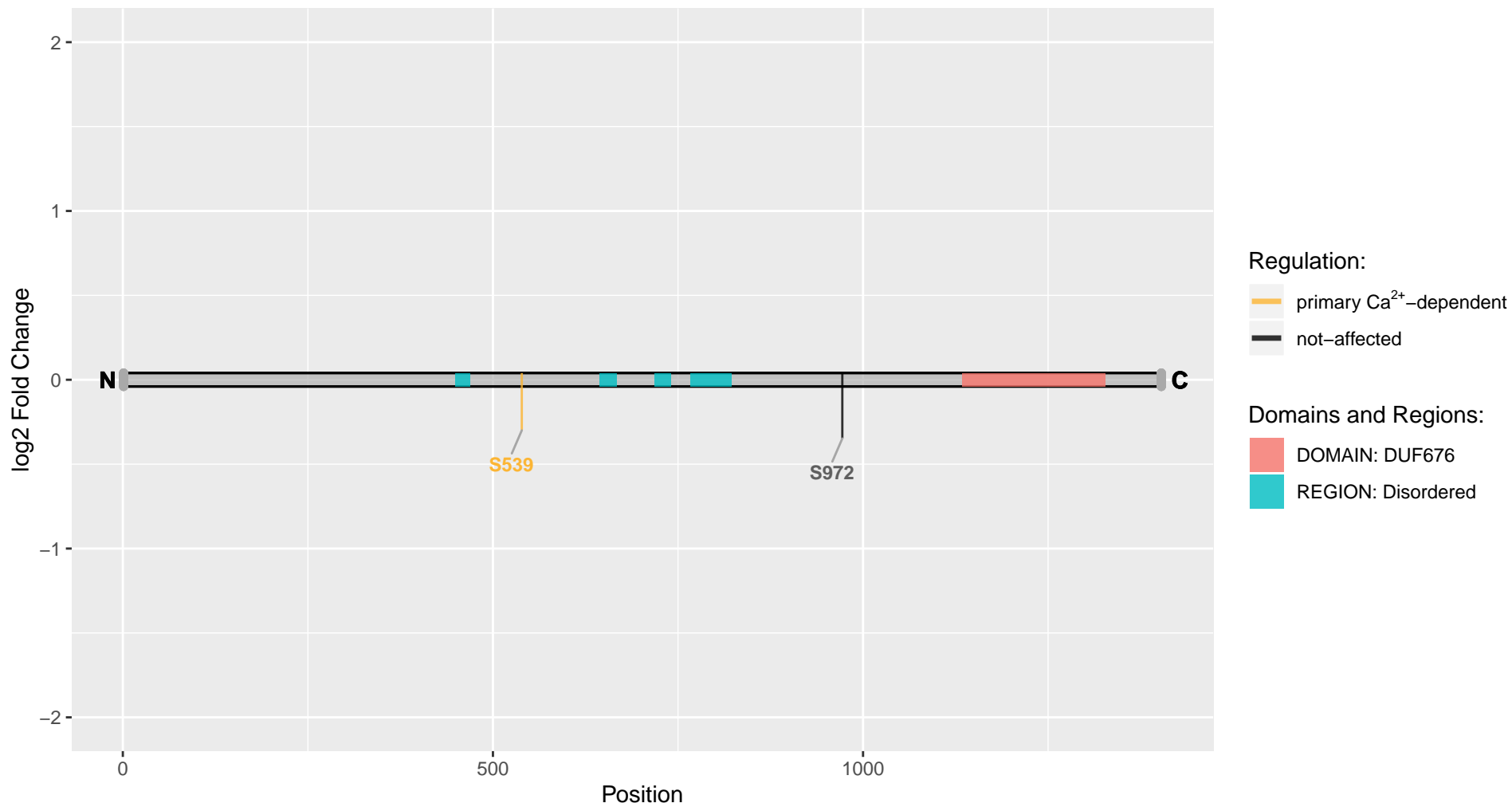
Protein FAM131B



Fam135b

Uniprot Accession: F1LZ91

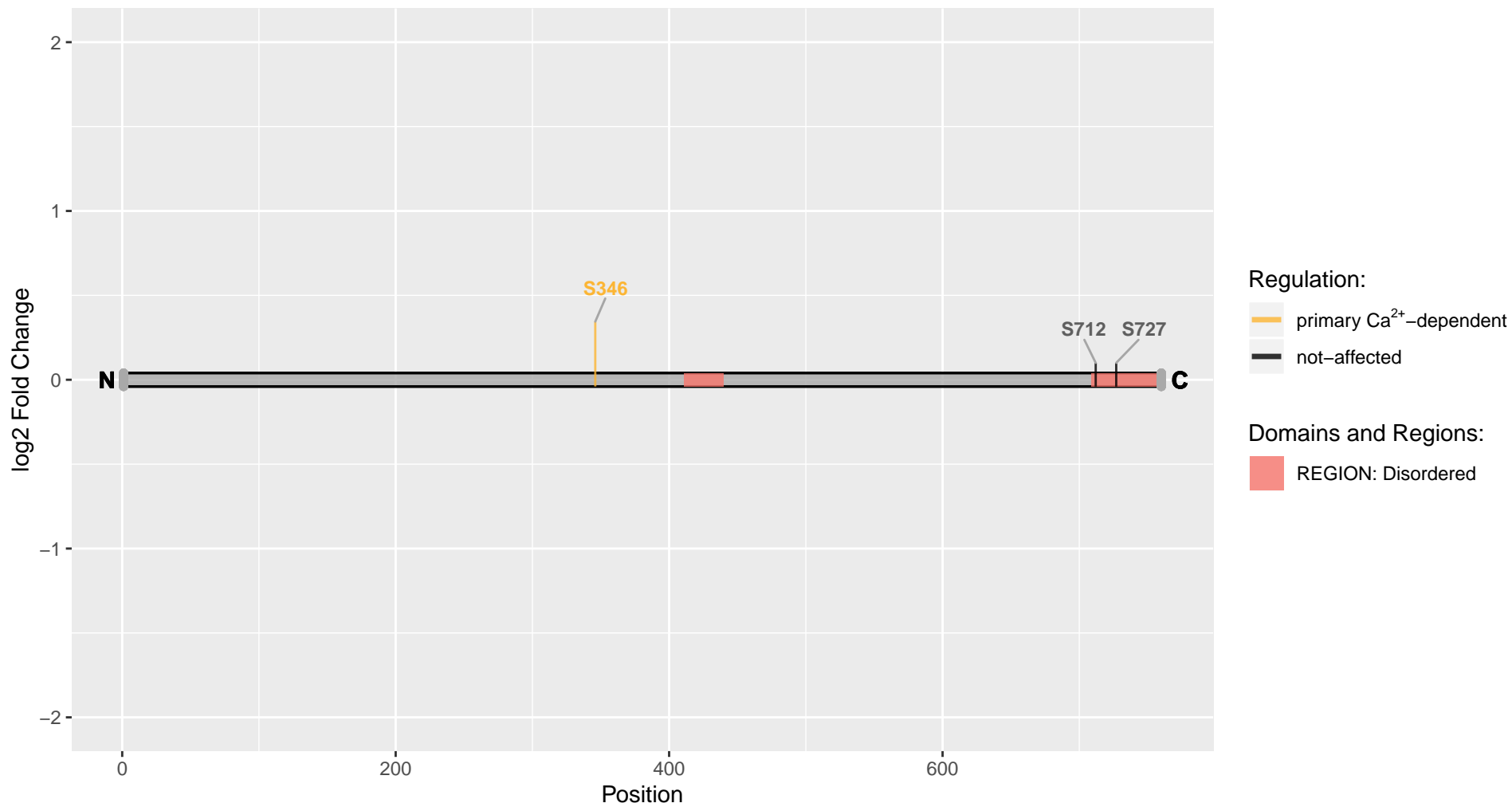
Family with sequence similarity 135, member B



Fam171b

Uniprot Accession: D3ZTG3

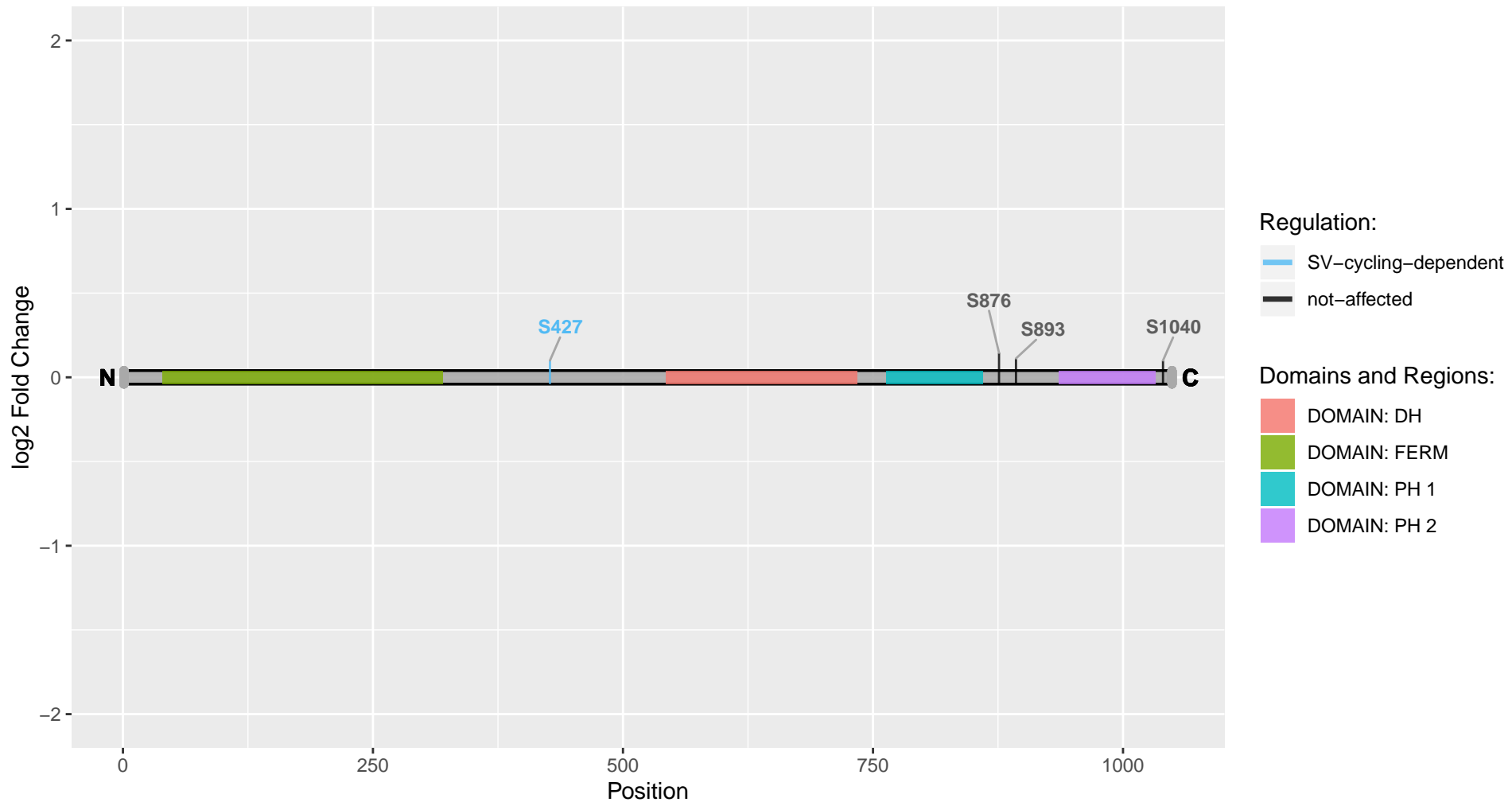
Family with sequence similarity 171, member B



Farp1

Uniprot Accession: F1LYQ8

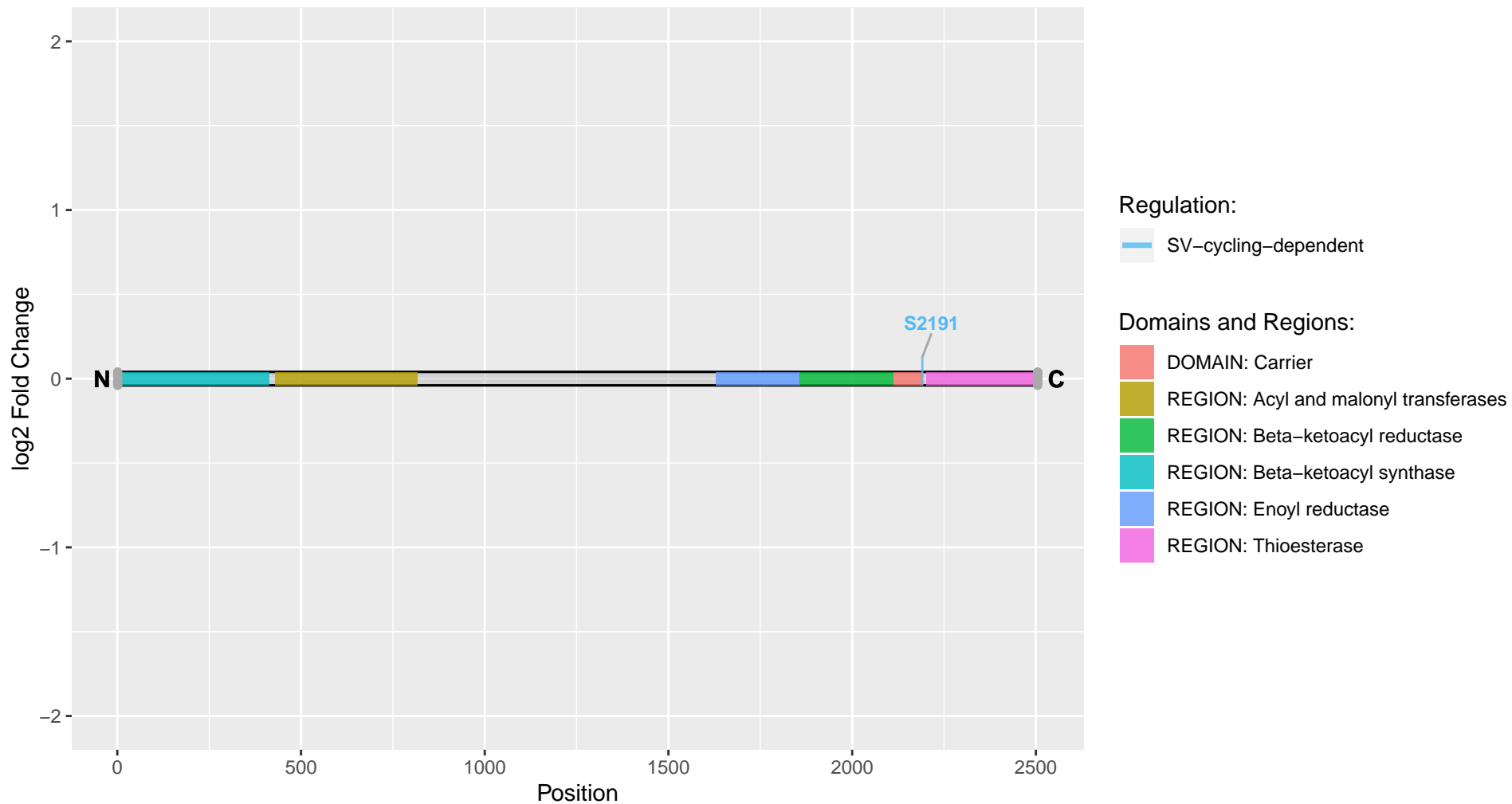
FERM, ARHGEF and pleckstrin domain-containing protein 1



Fasn

Uniprot Accession: P12785

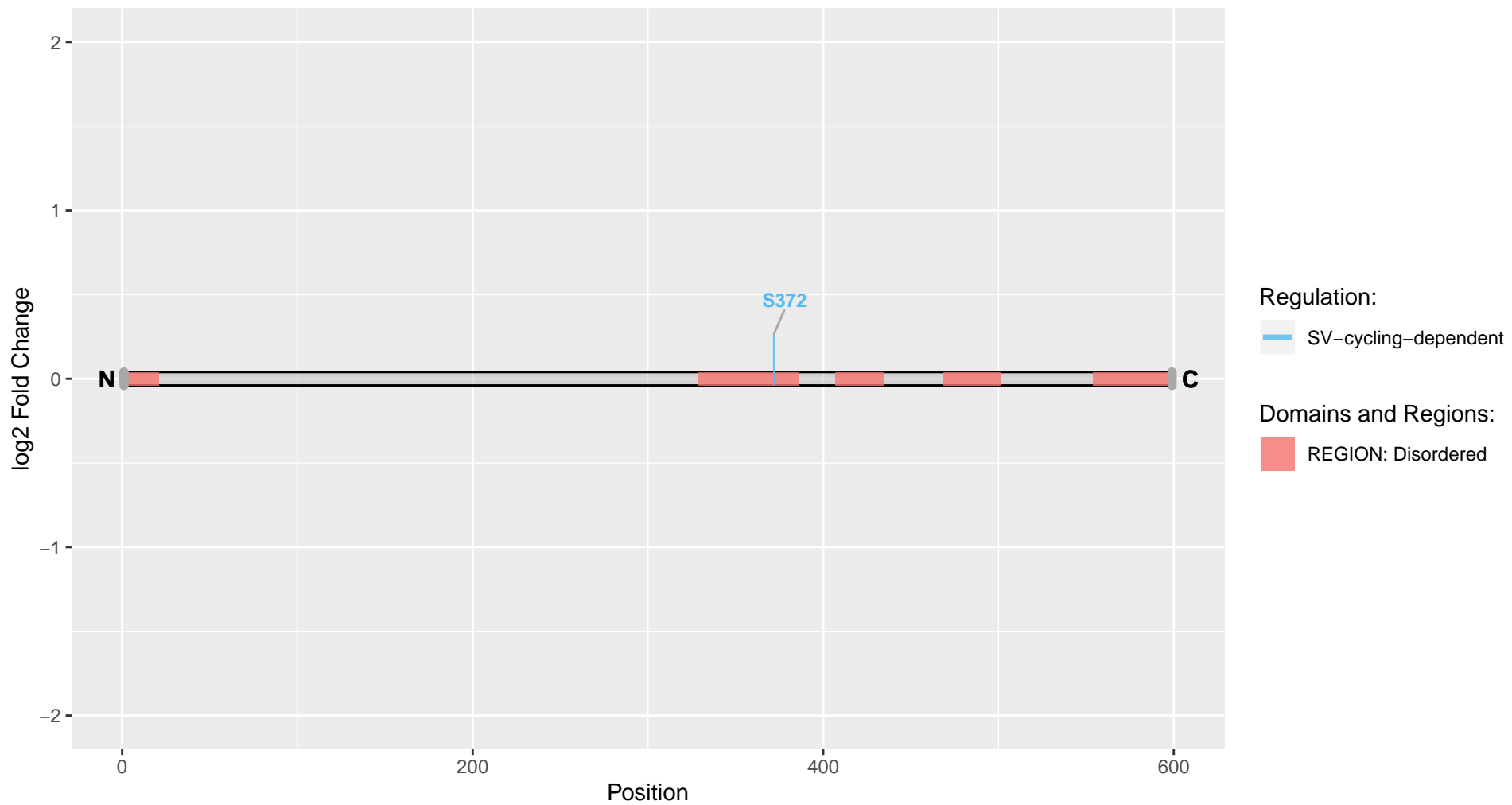
Fatty acid synthase



Fbrs11

Uniprot Accession: D3Z858

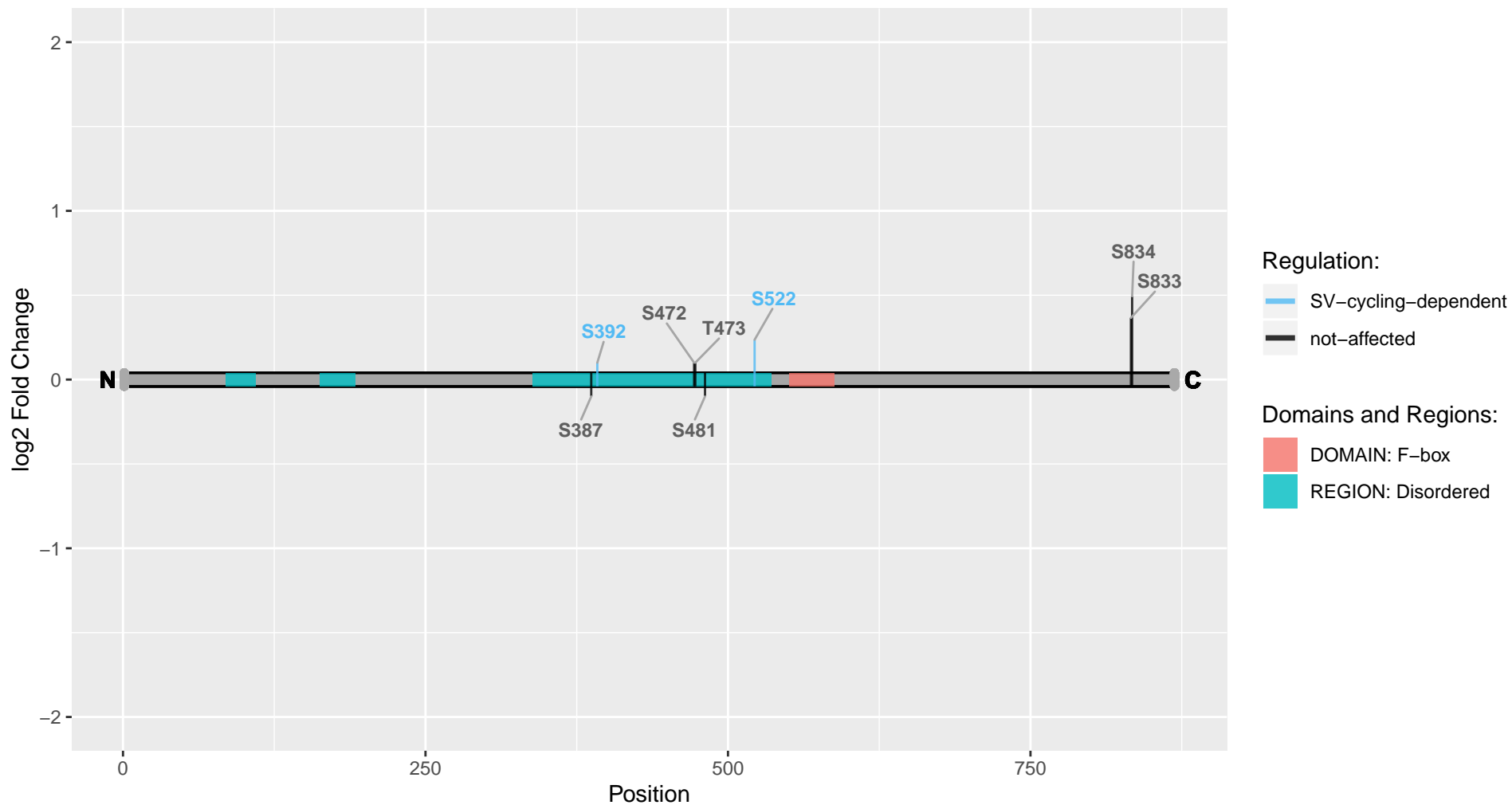
Fibrosin-like 1



Fbxo41

Uniprot Accession: A0A0G2K9A9

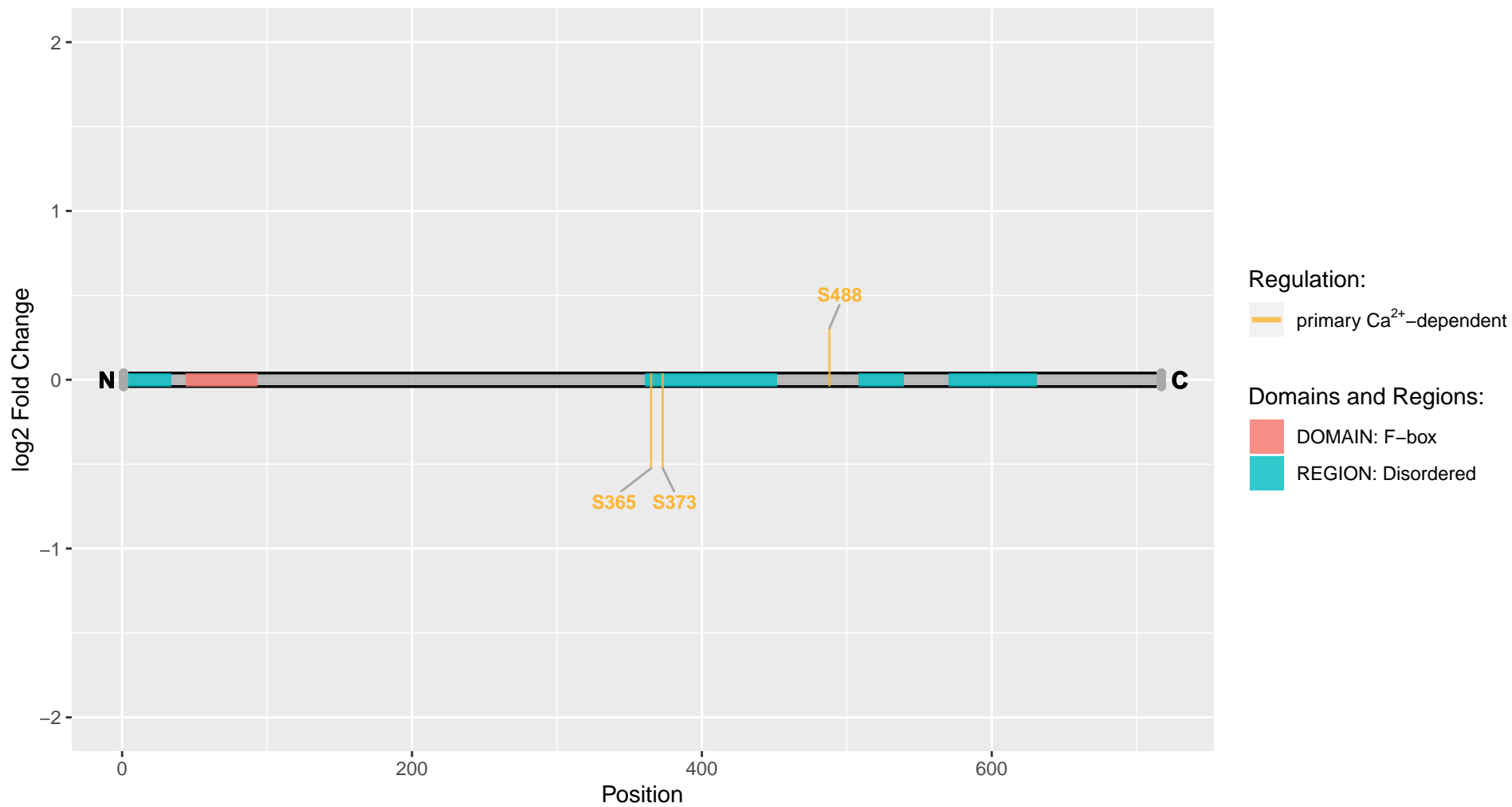
F-box protein 41



Fbxo42

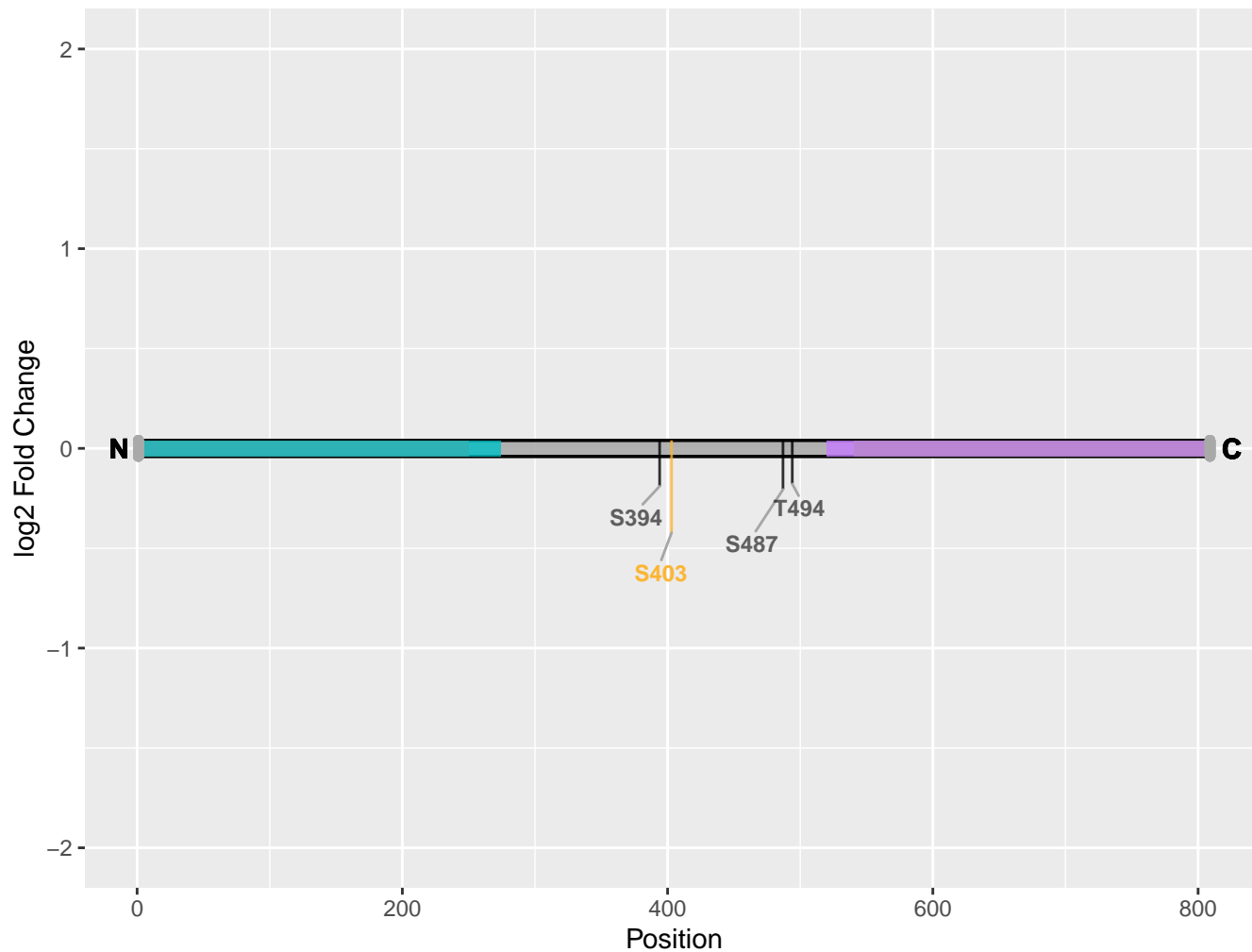
Uniprot Accession: A0A0G2JTS9

F-box protein 42



Fcho2

Uniprot Accession: D3ZYR1
F-BAR domain only protein 2



Regulation:

- primary Ca²⁺-dependent
- not-affected

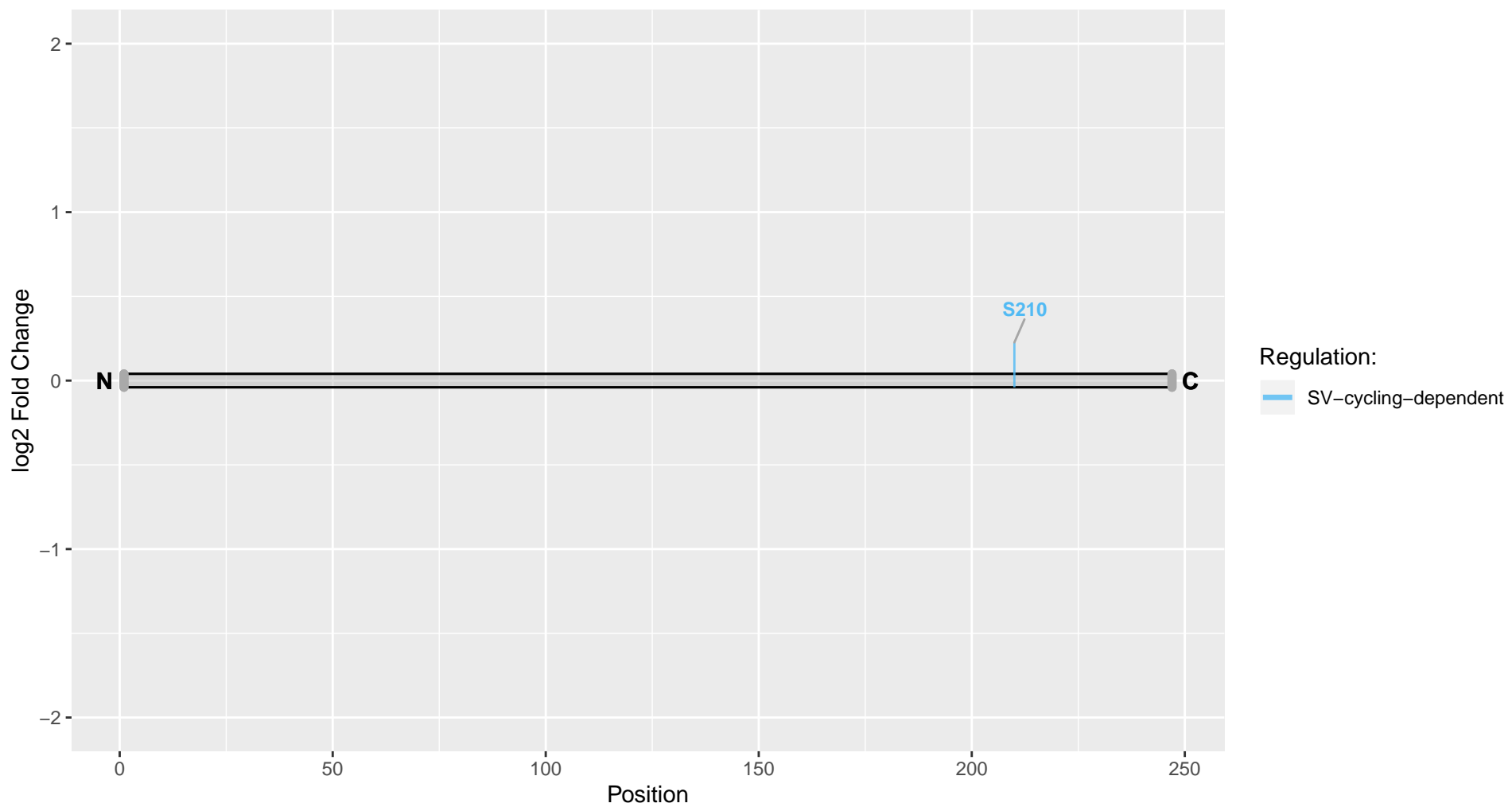
Domains and Regions:

- DOMAIN: F-BAR
- DOMAIN: MHD
- REGION: Mediates dimerization and binding to membranes enriched in Pi(4,5)-P2 and induces their tubulation
- REGION: Mediates interaction with DAB2, EPS15, EPS15R and ITSN1

Fgf14

Uniprot Accession: Q8R5L7

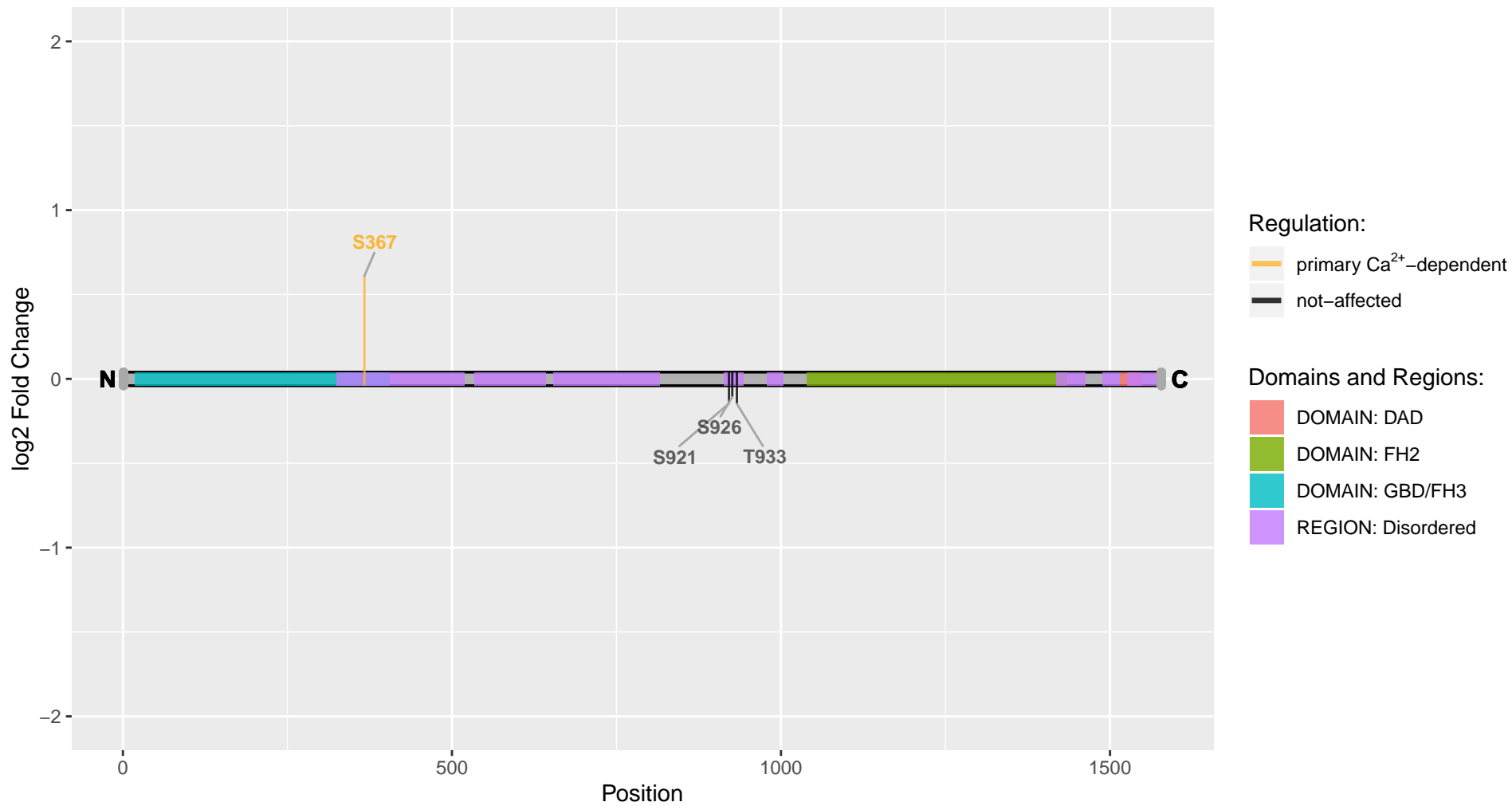
Fibroblast growth factor 14



Fhod3

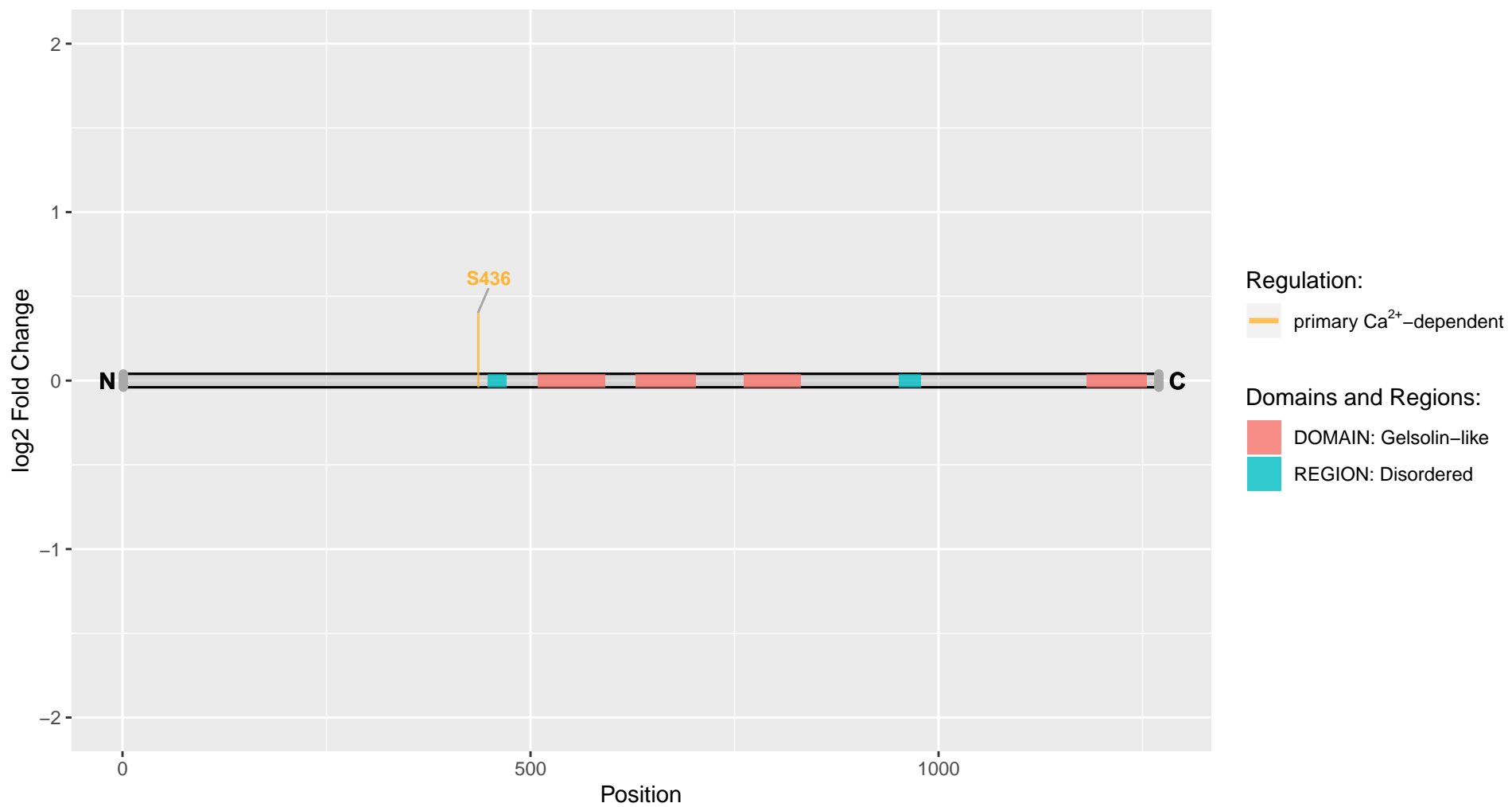
Uniprot Accession: F1LQJ2

Formin homology 2 domain-containing 3



Flii

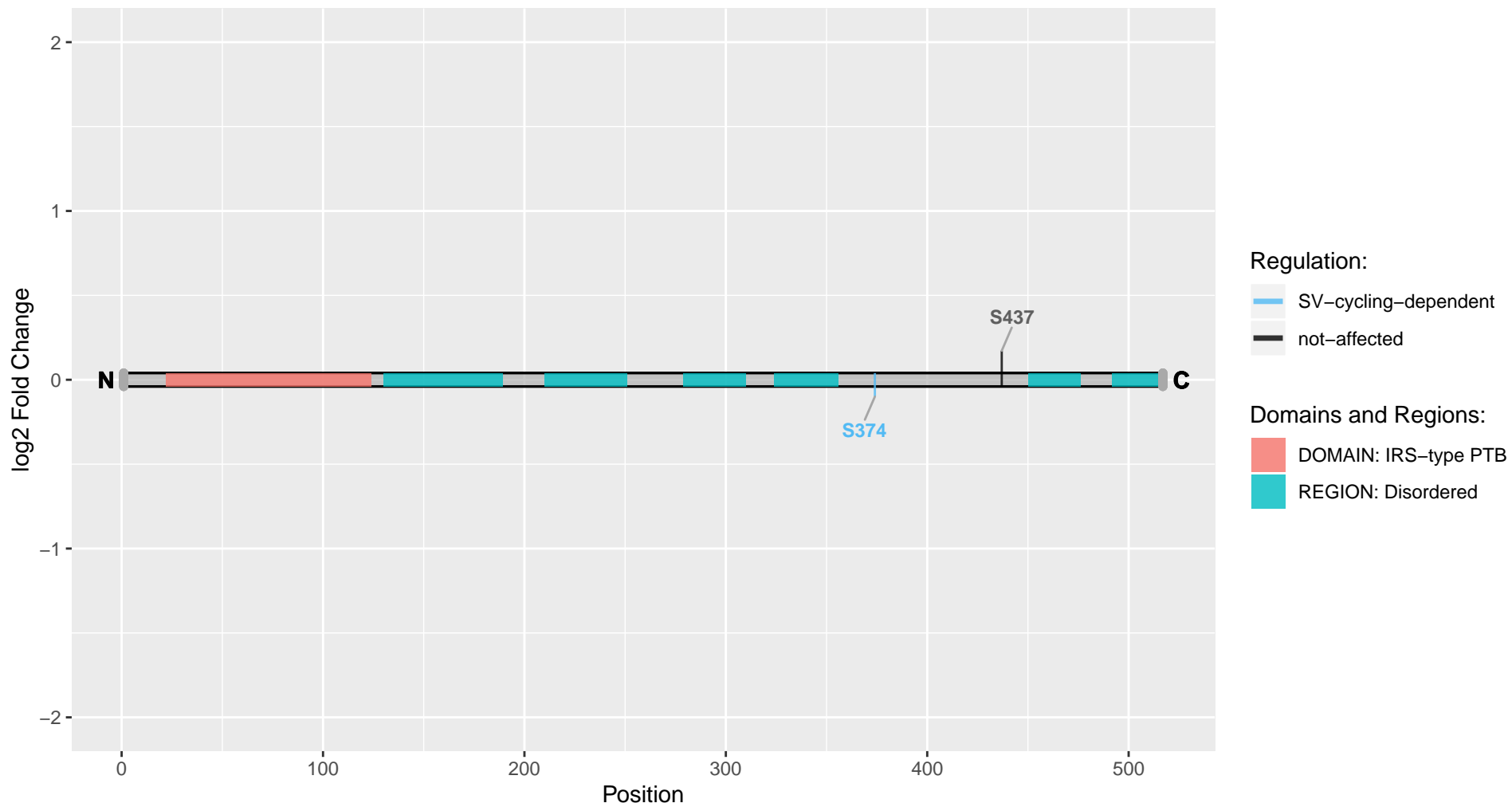
Uniprot Accession: Q5RKI5
FLII, actin-remodeling protein



Frs2

Uniprot Accession: A0A0G2JZZ5

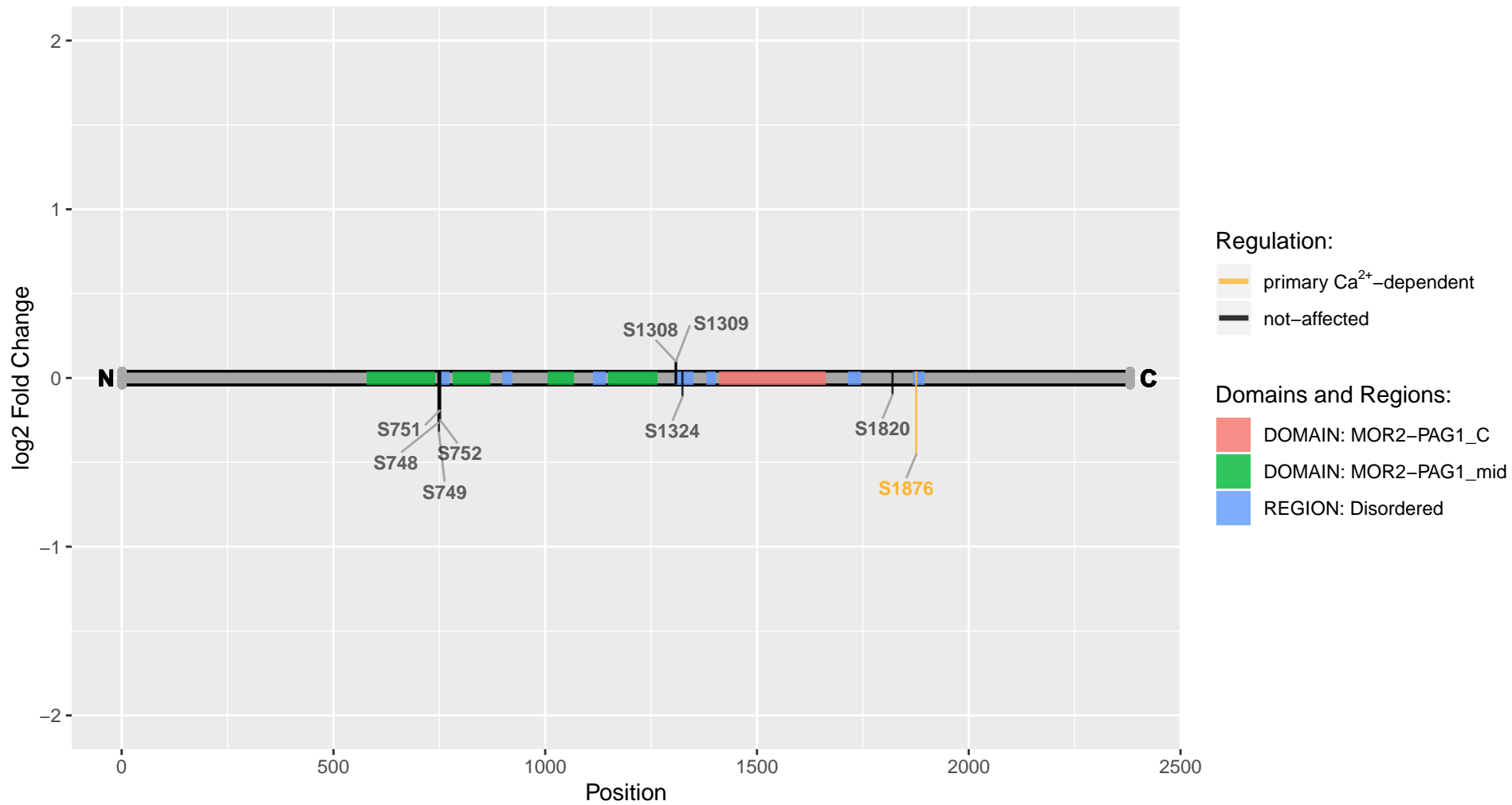
Fibroblast growth factor receptor substrate 2



Fry

Uniprot Accession: A0A0G2K749

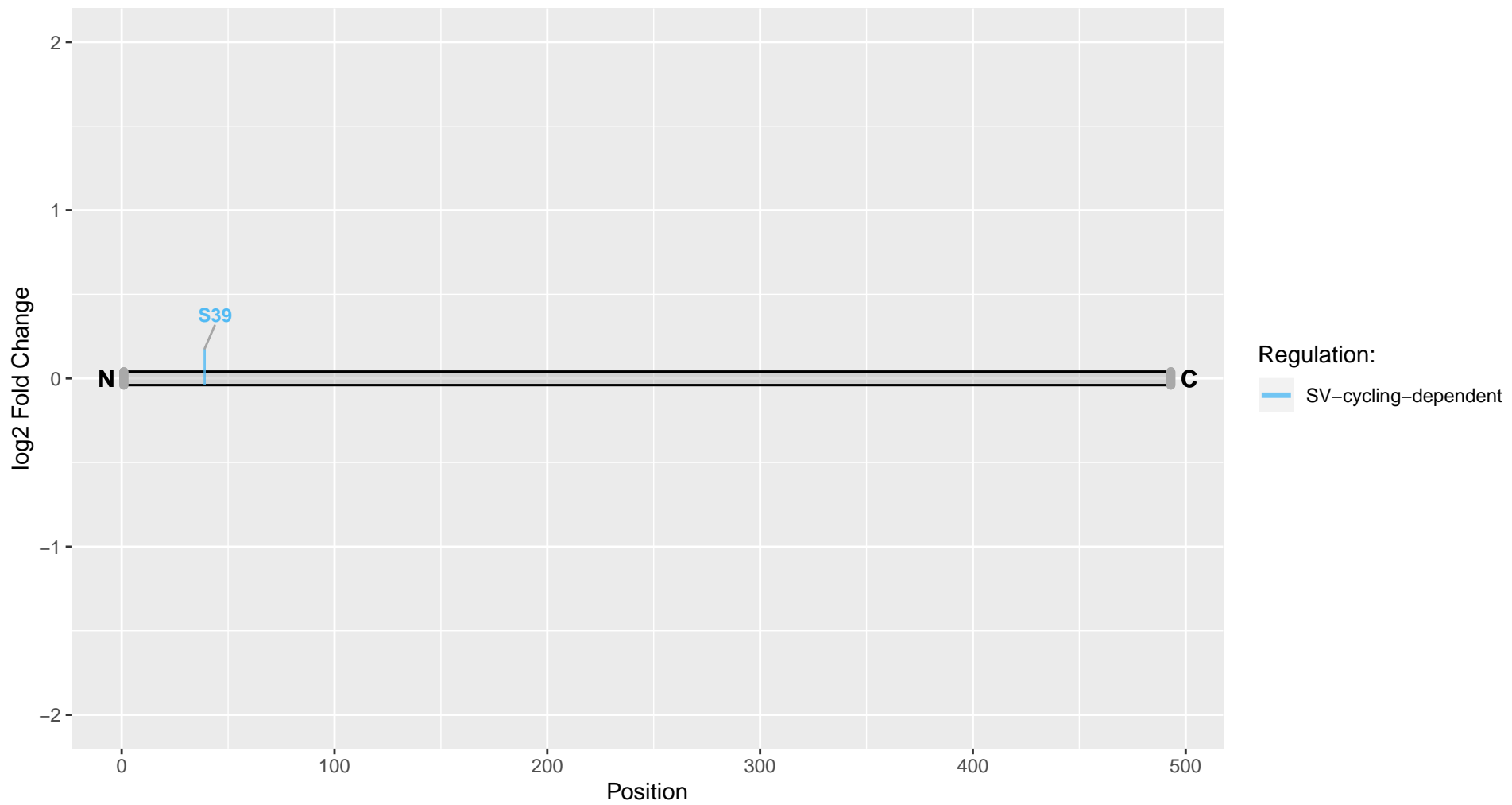
FRY microtubule-binding protein



Fscn1

Uniprot Accession: P85845

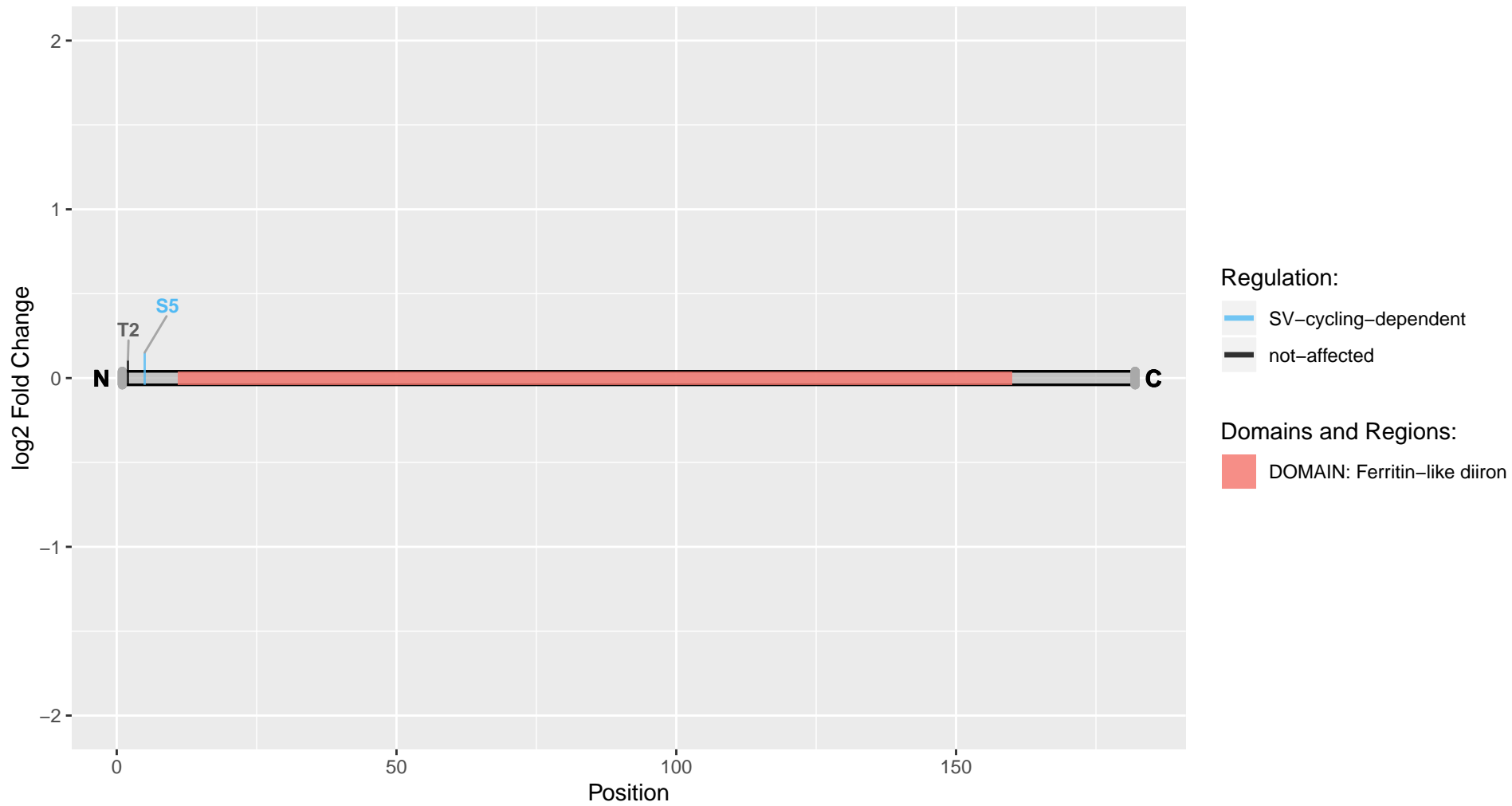
Fascin



Fth1

Uniprot Accession: P19132

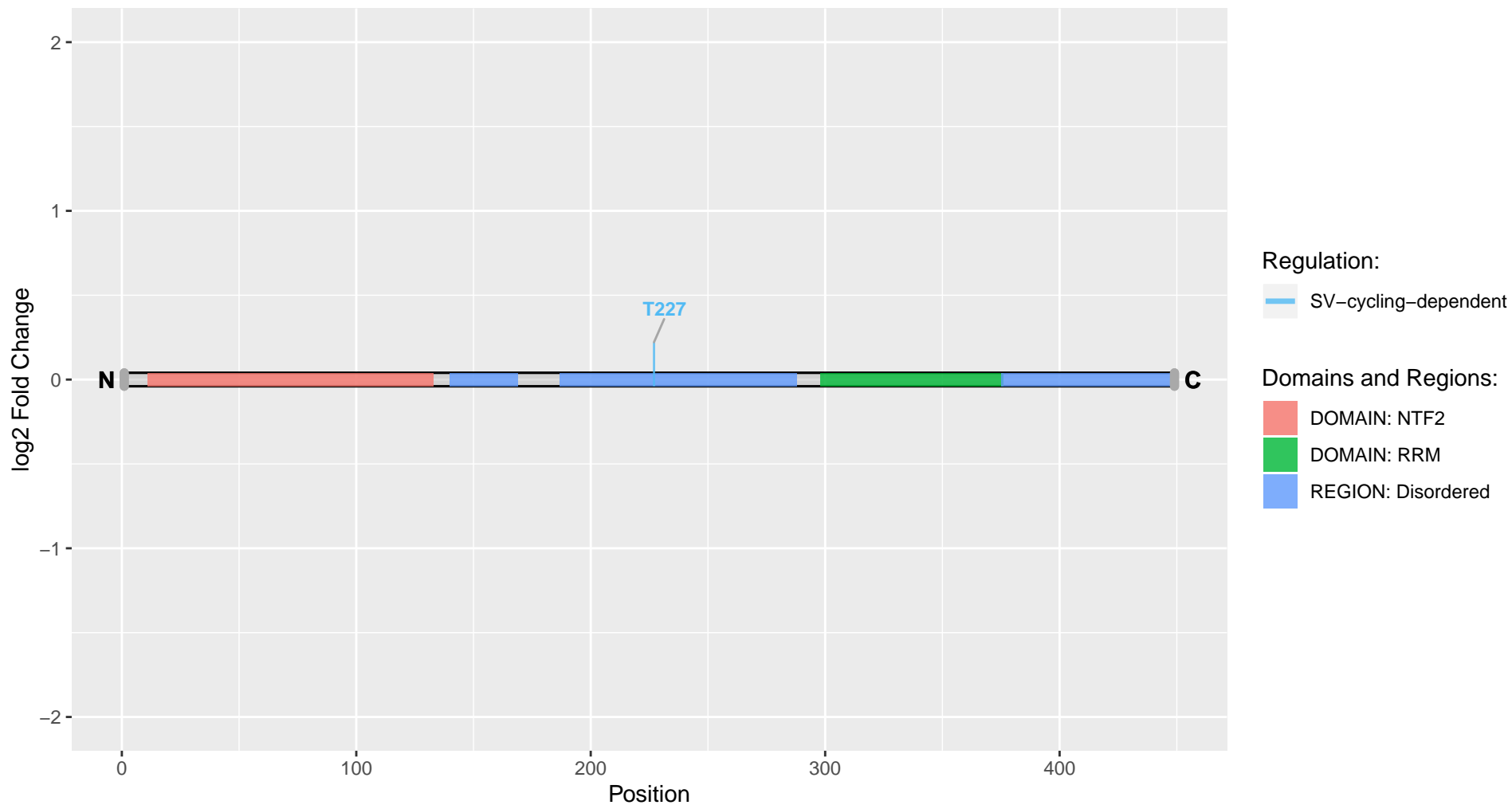
Ferritin heavy chain



G3bp2

Uniprot Accession: Q6AY21

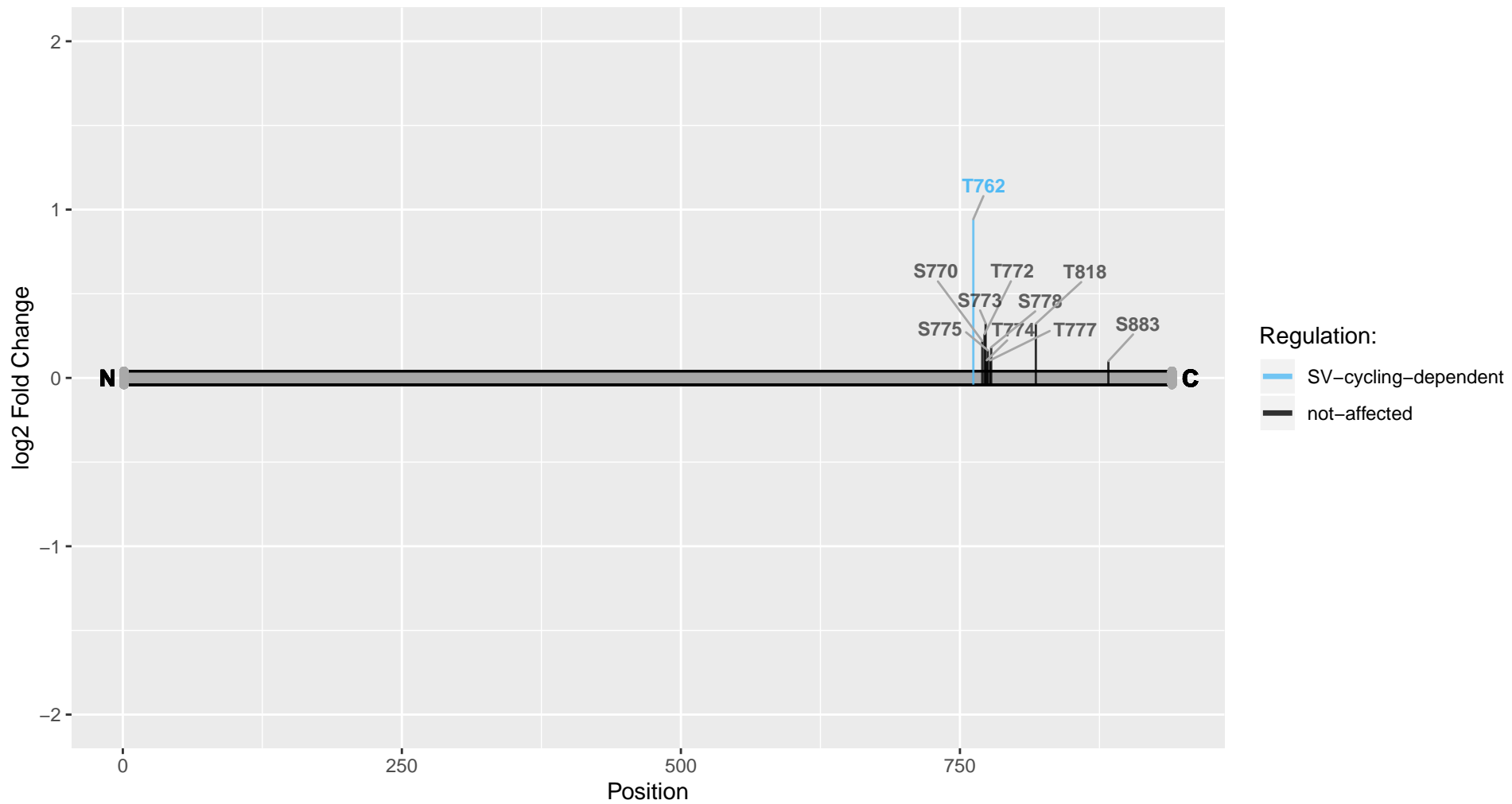
G3BP stress granule assembly factor 2



Gabbr2

Uniprot Accession: O88871

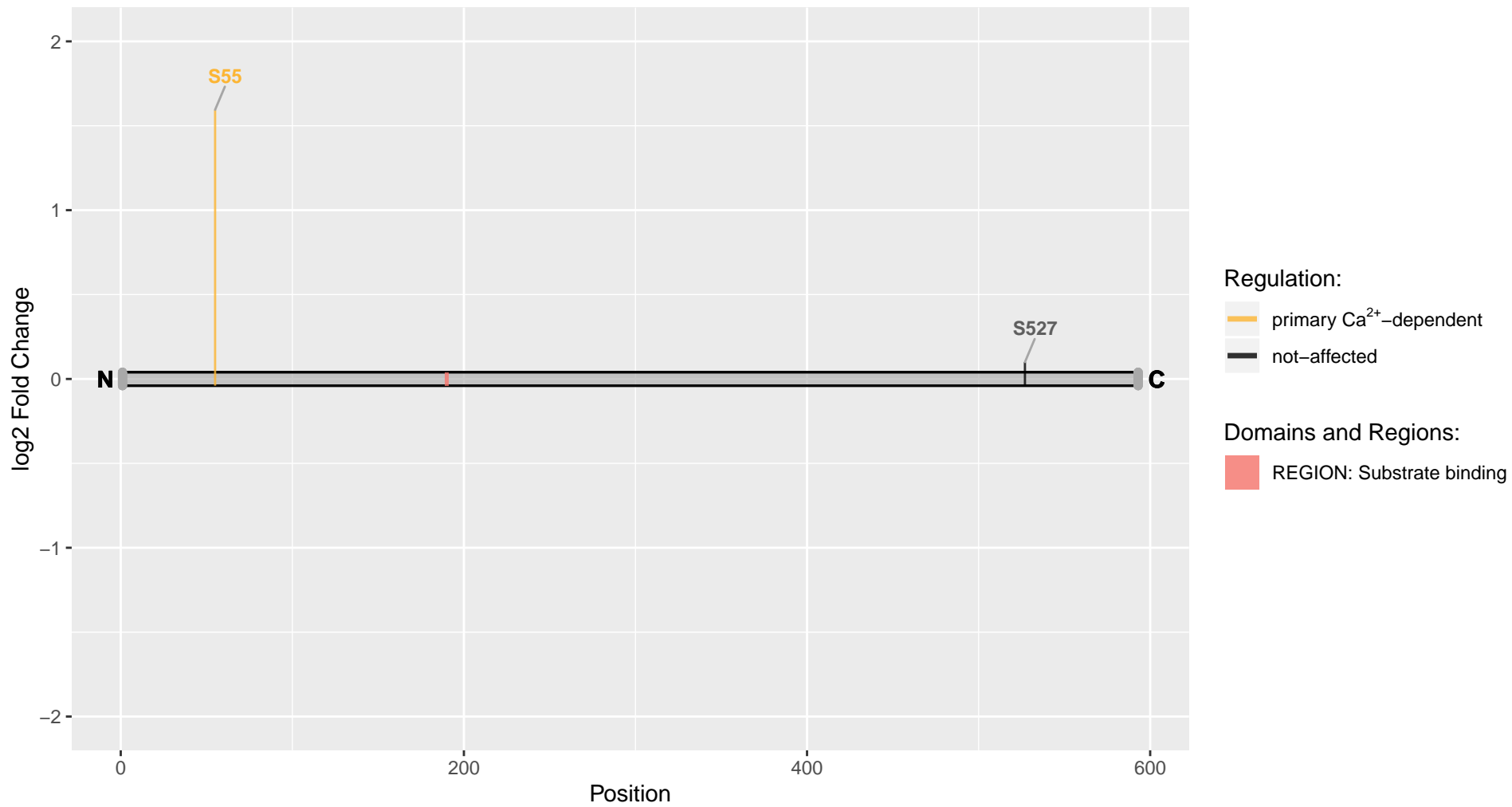
Gamma-aminobutyric acid type B receptor subunit 2



Gad1

Uniprot Accession: P18088

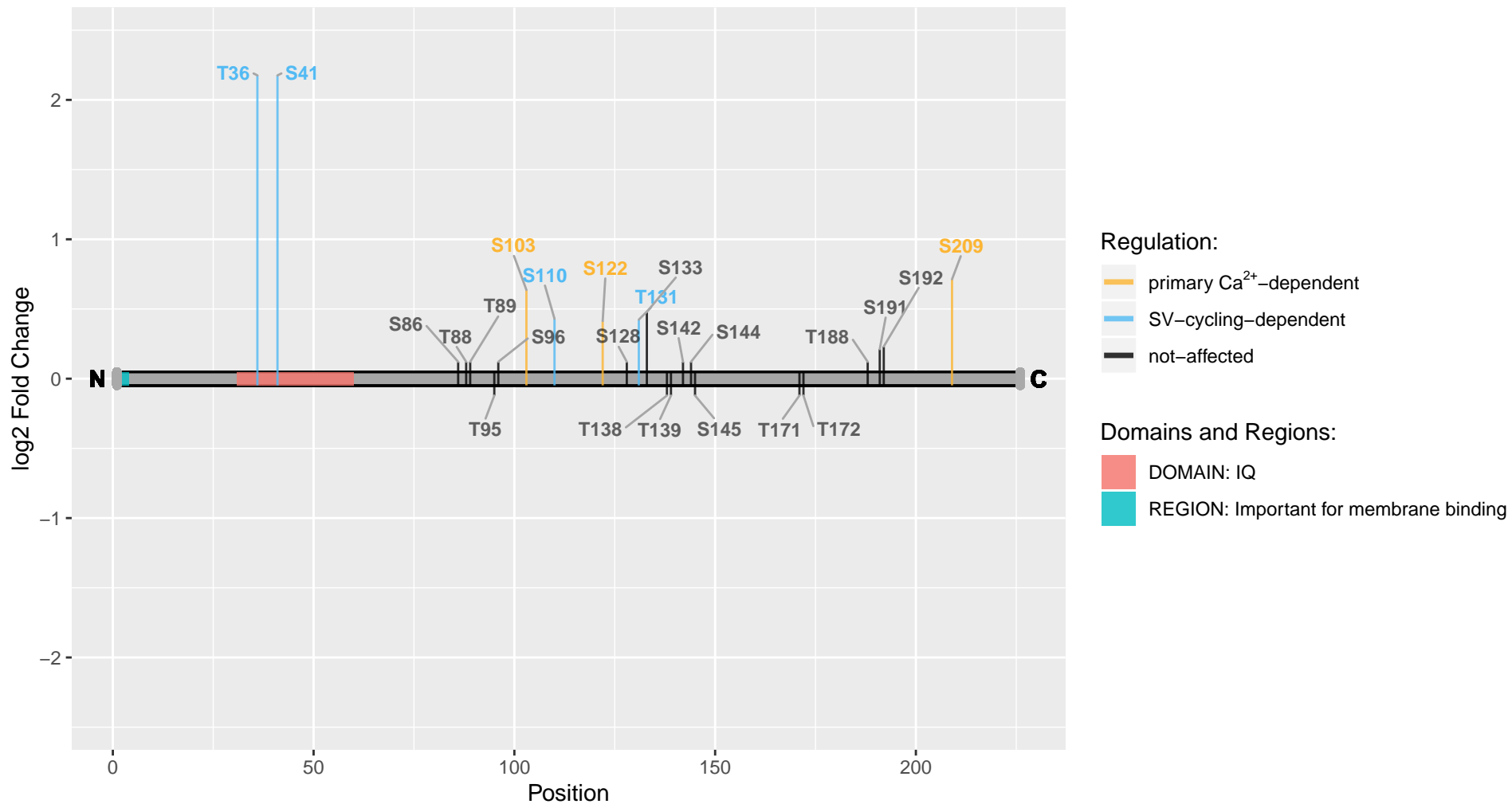
Glutamate decarboxylase 1



Gap43

Uniprot Accession: P07936

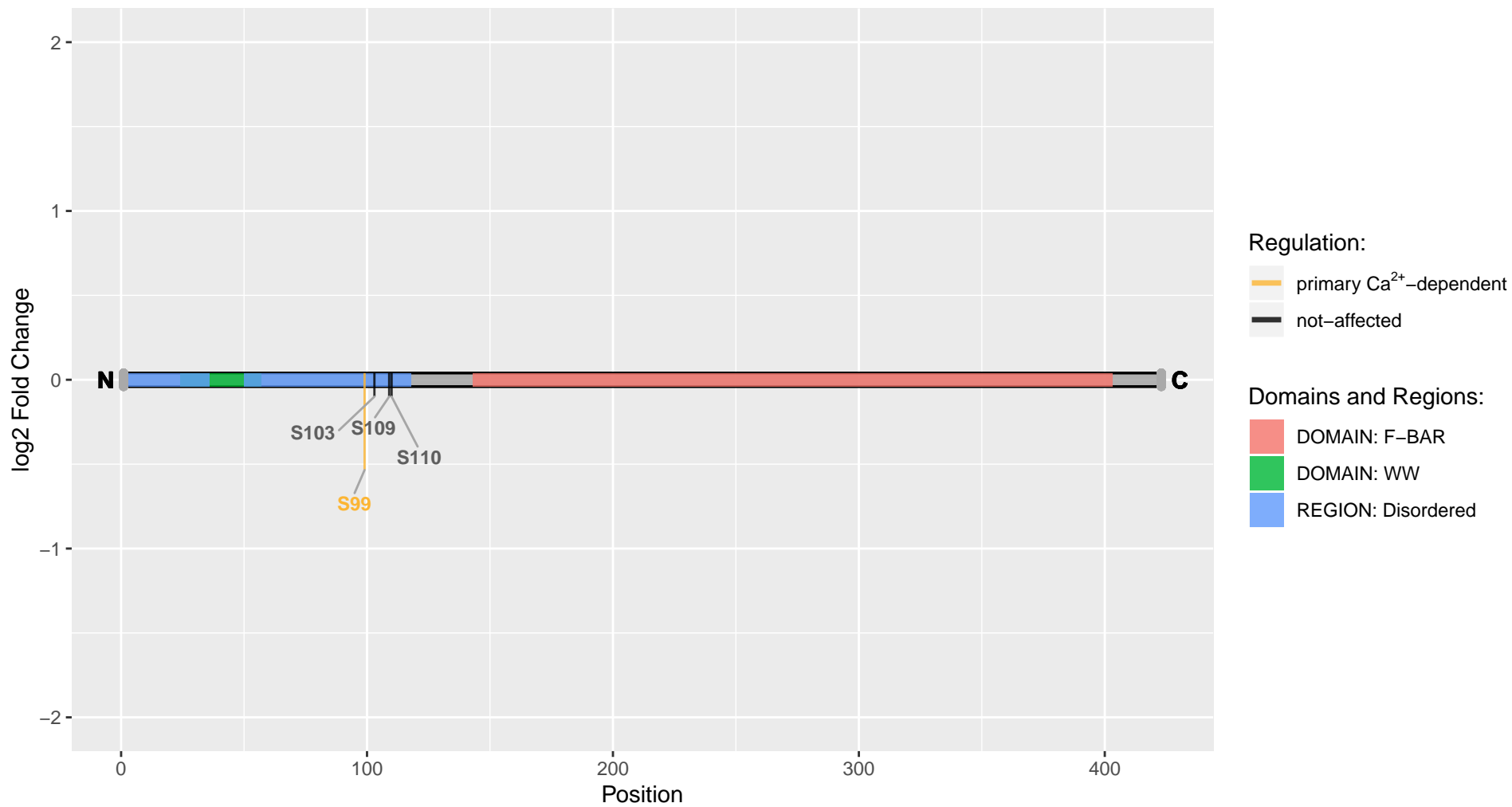
Neuromodulin



Gas7

Uniprot Accession: A0A0G2JT50

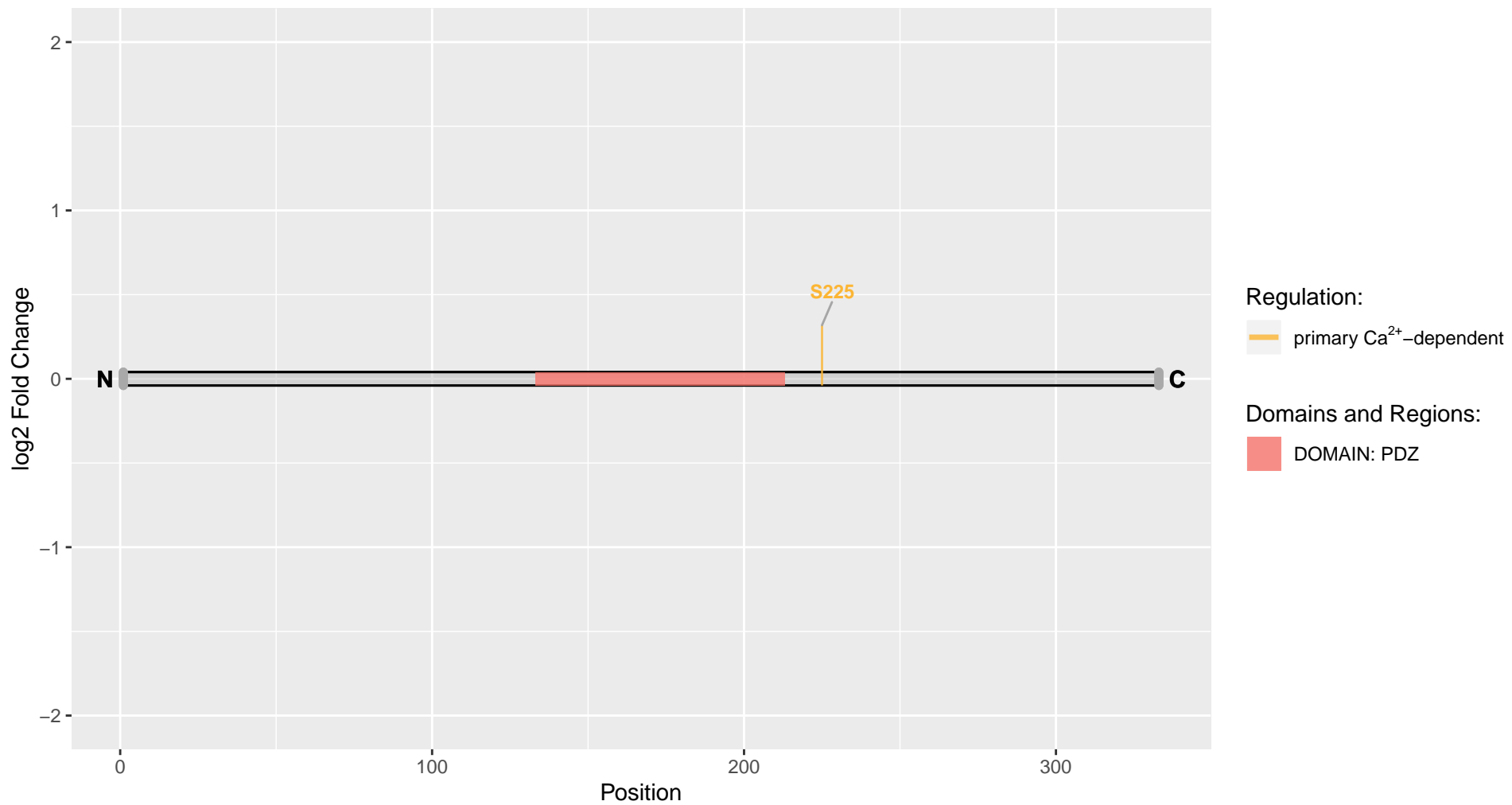
Growth arrest-specific protein 7



Gipc1

Uniprot Accession: Q9Z254

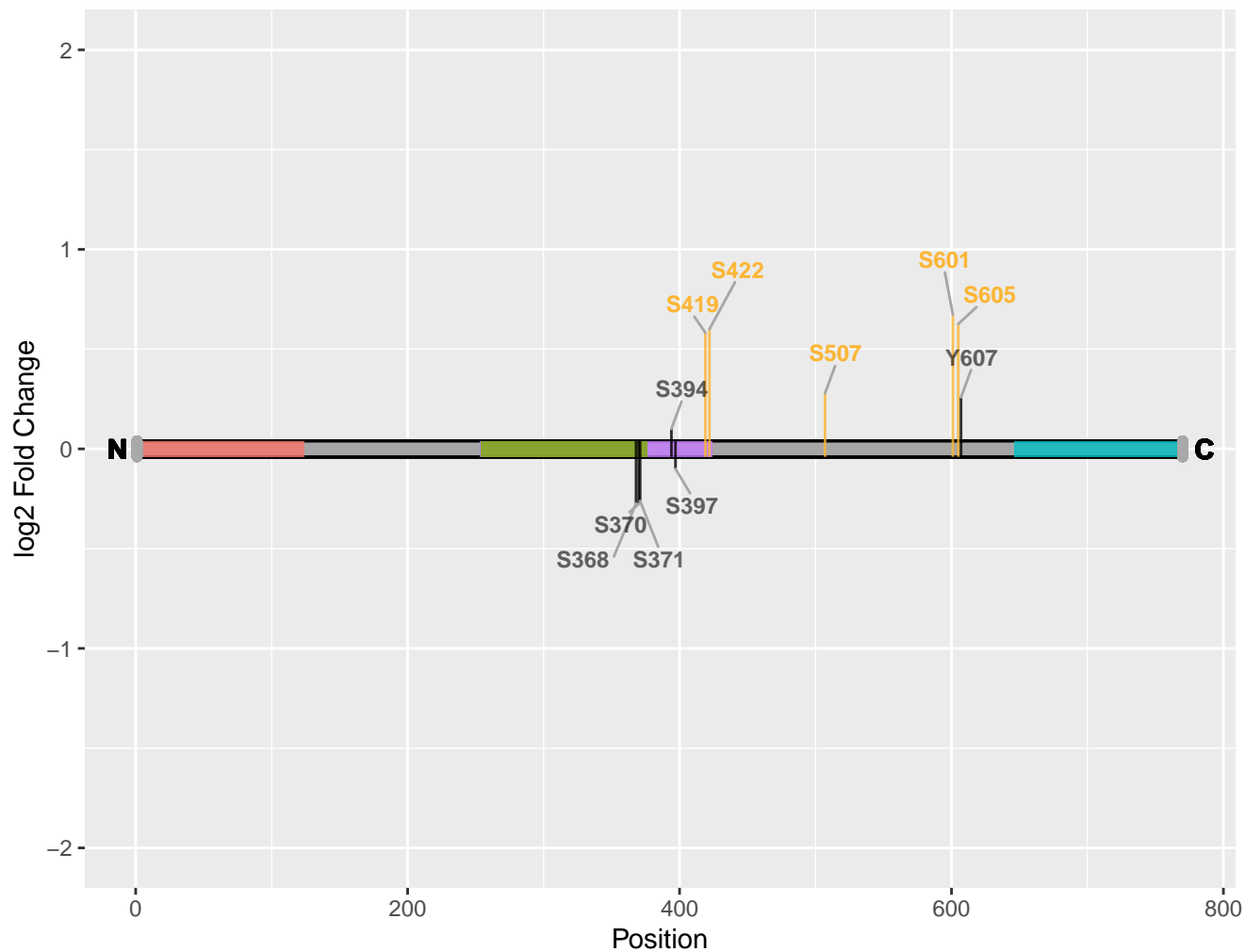
PDZ domain-containing protein GIPC1



Git1

Uniprot Accession: Q9Z272

ARF GTPase-activating protein GIT1



Regulation:

- primary Ca²⁺-dependent
- not-affected

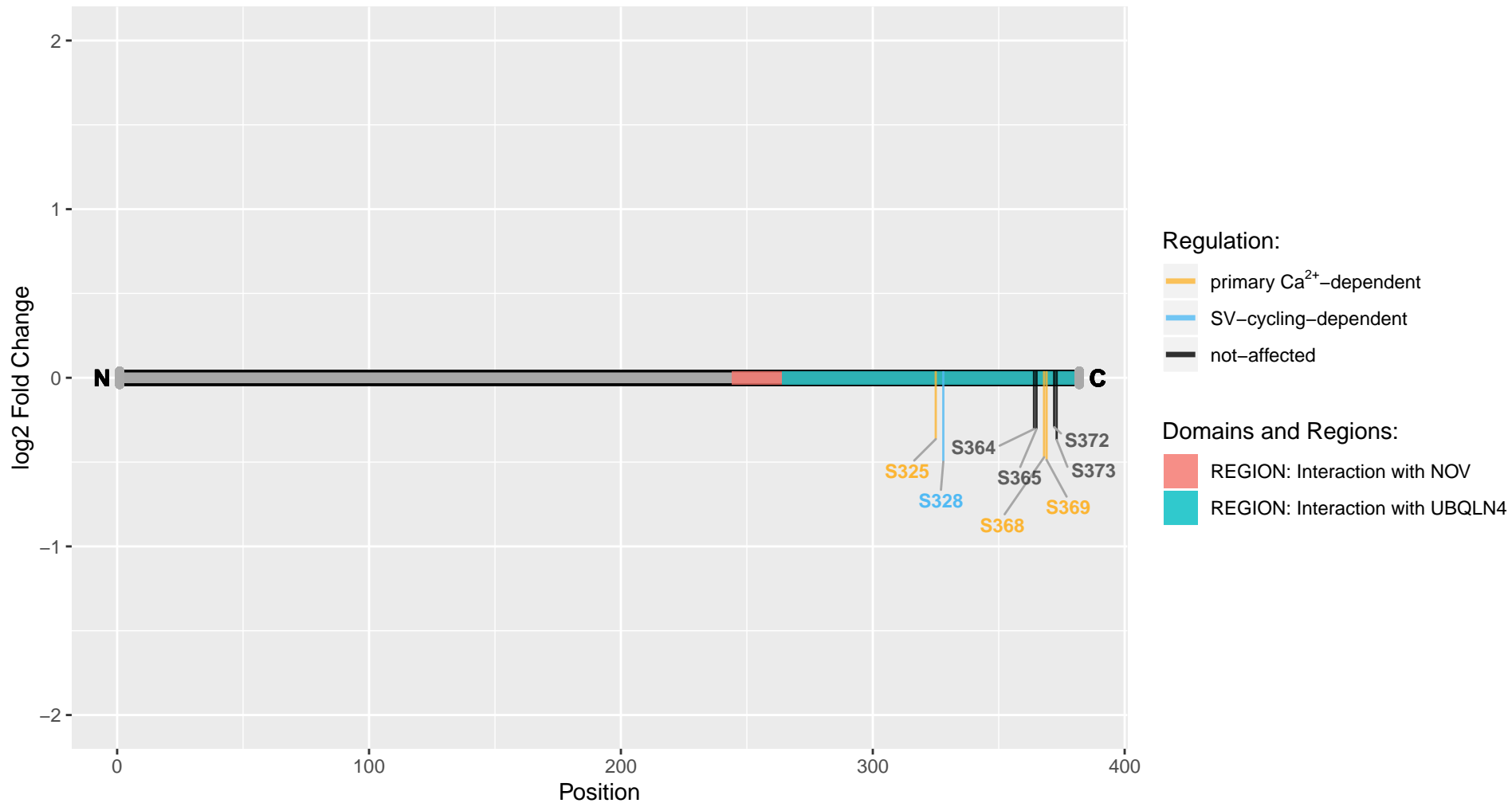
Domains and Regions:

- DOMAIN: Arf-GAP
- REGION: ARHGEF6-binding
- REGION: Interaction with PXN and TGFB11
- REGION: PTK2/FAK1-binding

Gja1

Uniprot Accession: P08050

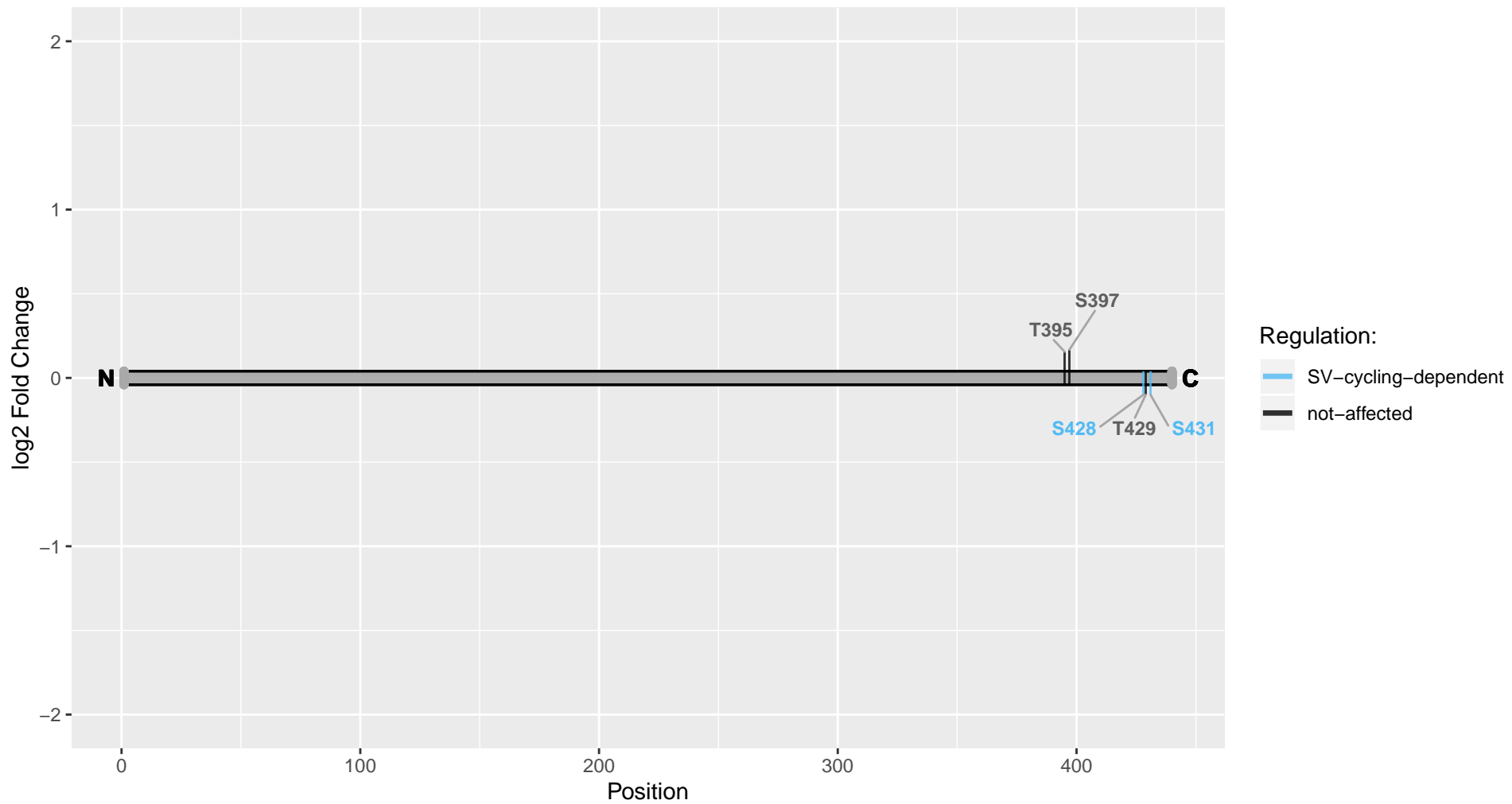
Gap junction alpha-1 protein



Gjc2

Uniprot Accession: Q80XF7

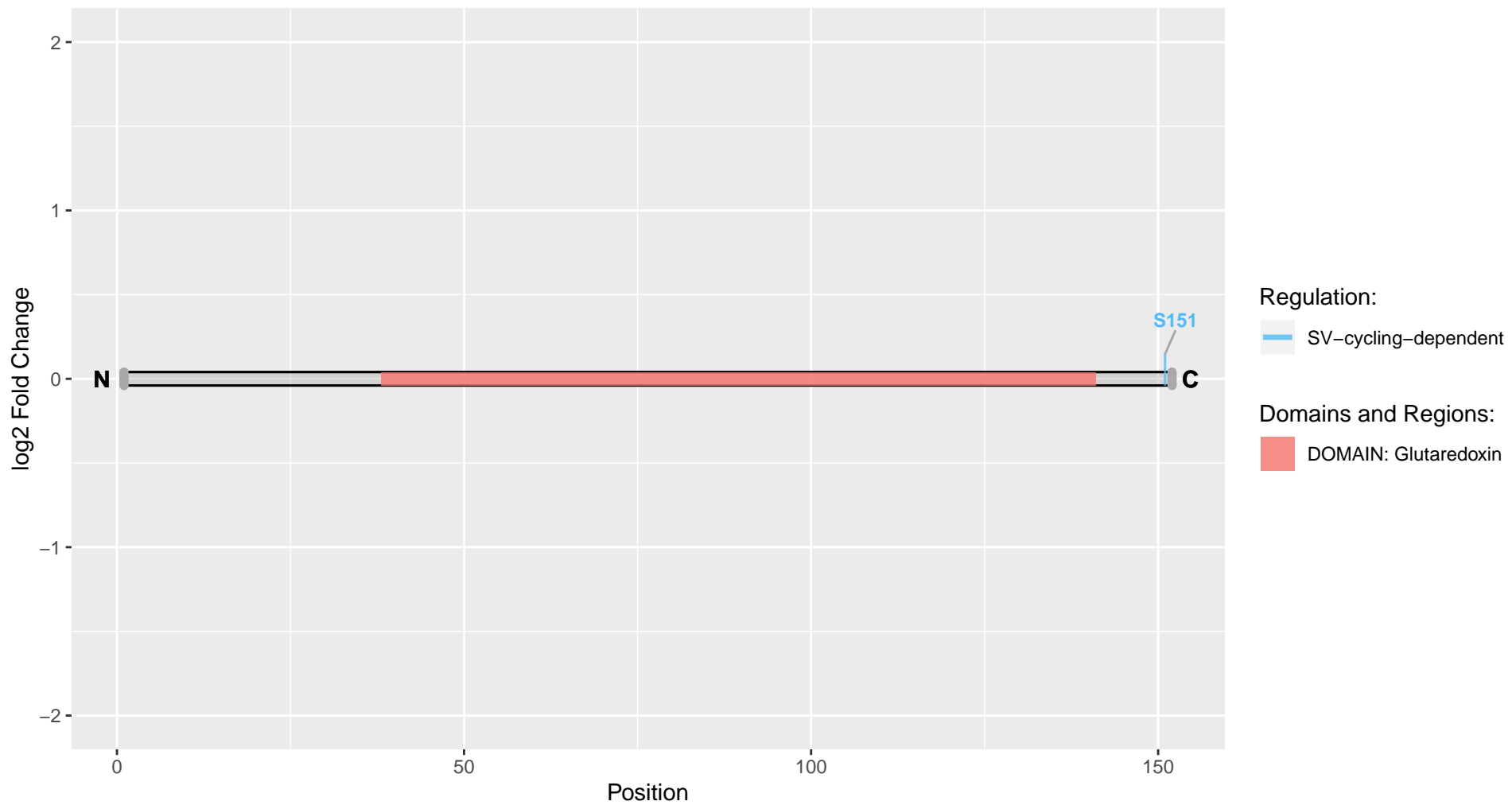
Gap junction gamma-2 protein



Glx5

Uniprot Accession: D4ADD7

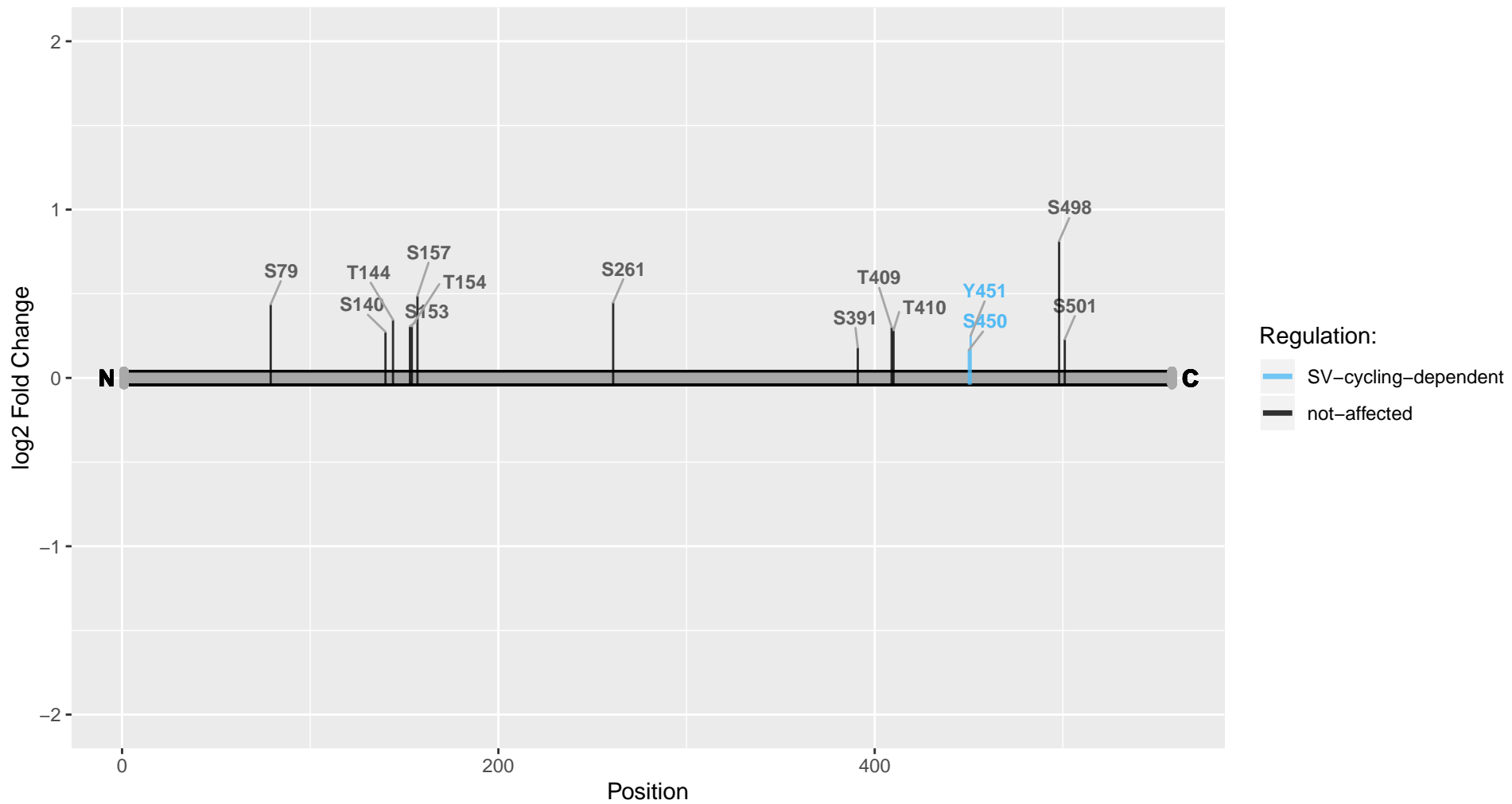
Glutaredoxin 5



Glud1

Uniprot Accession: P10860

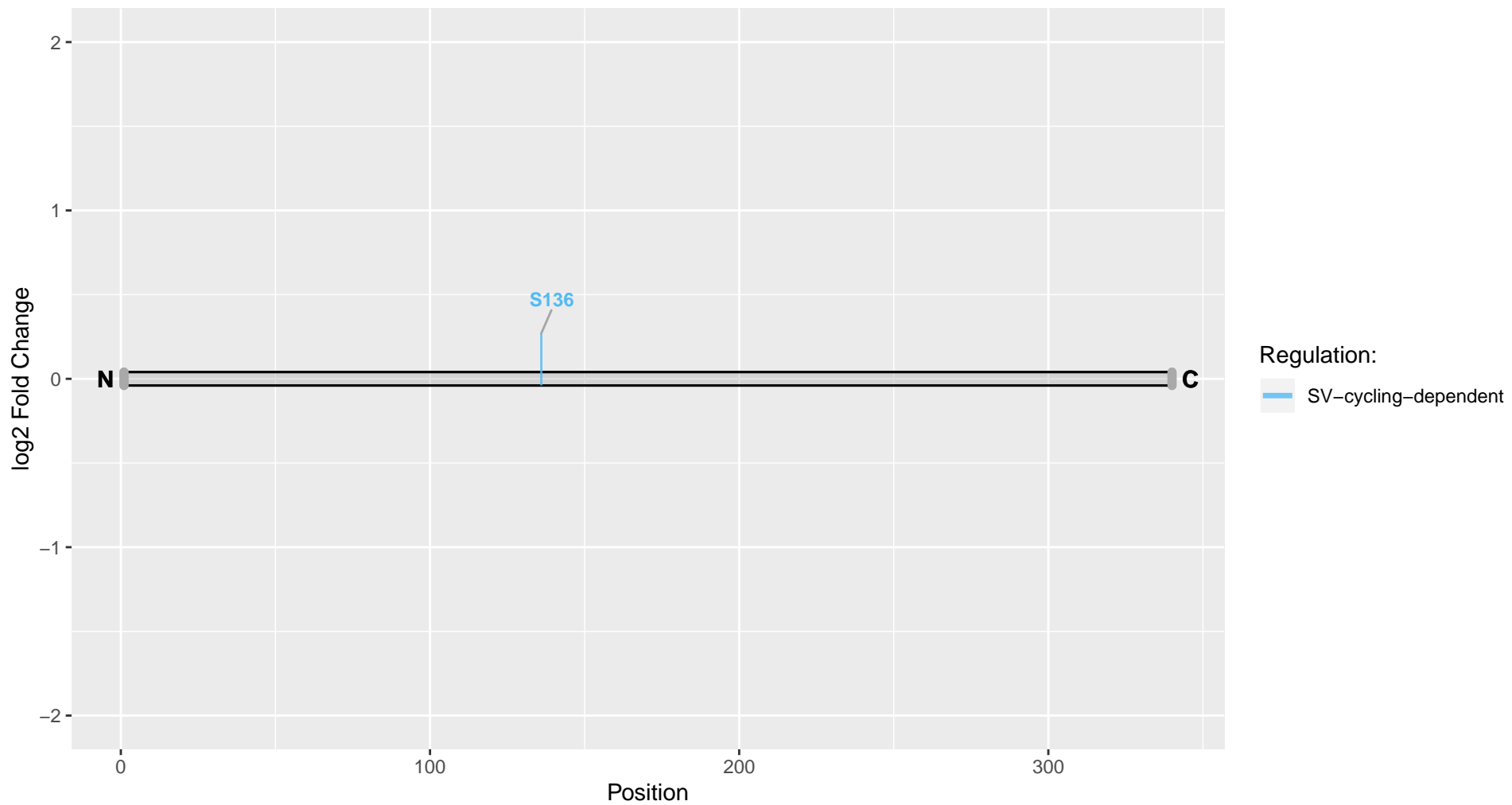
Glutamate dehydrogenase 1, mitochondrial



Gnb1

Uniprot Accession: P54311

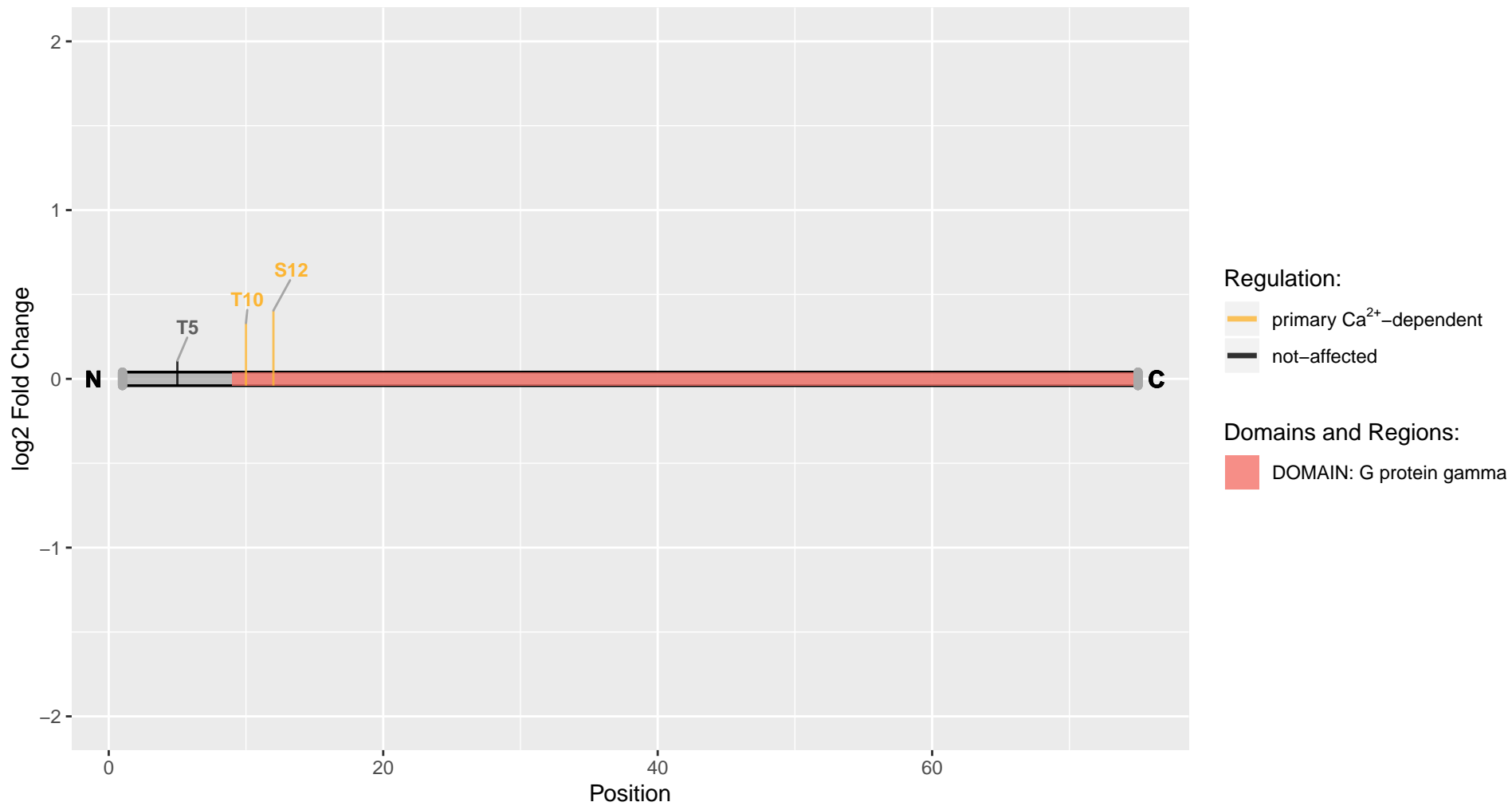
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1



Gng3

Uniprot Accession: G3V8K2

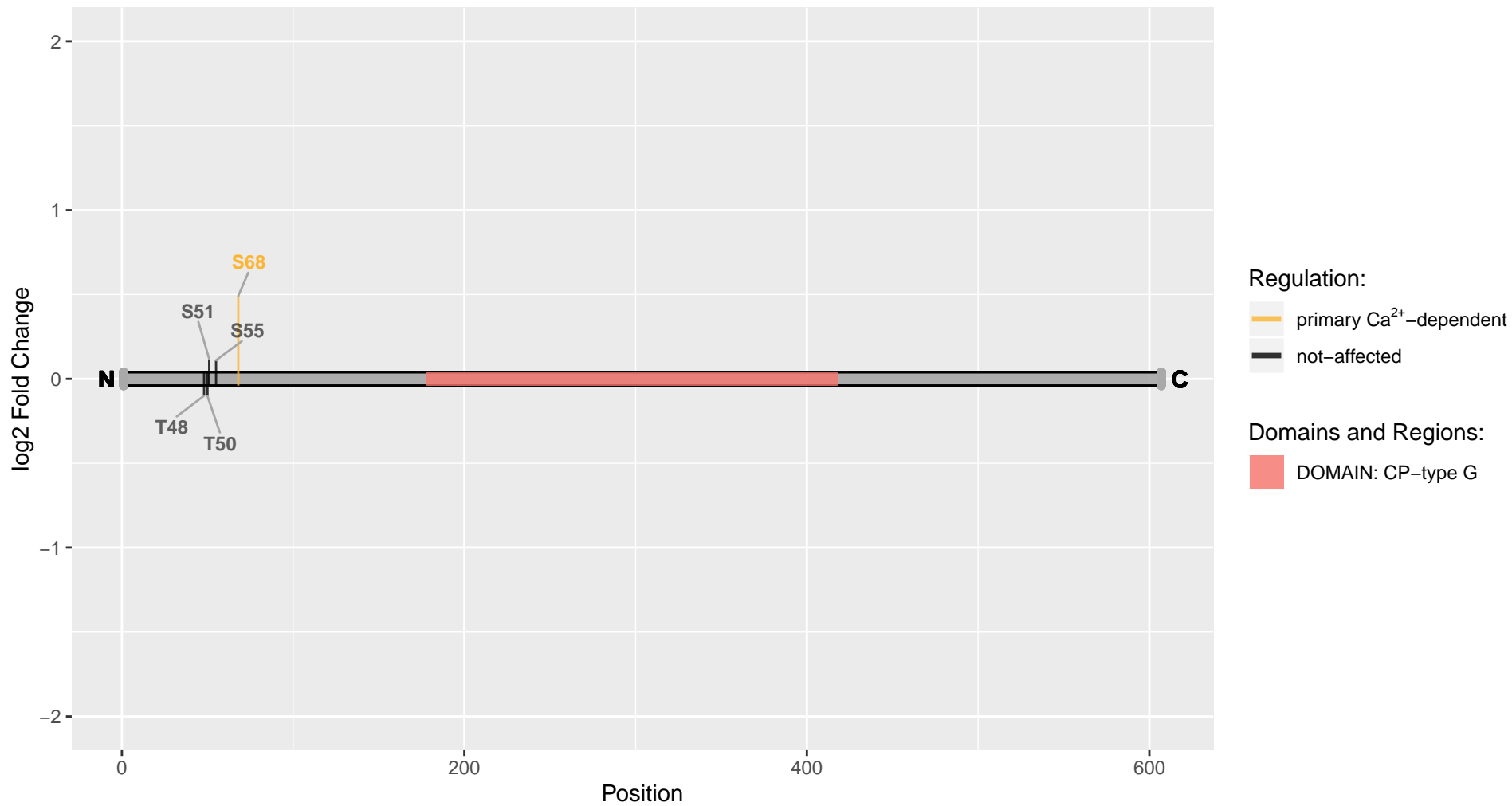
Guanine nucleotide-binding protein subunit gamma



Gnl1

Uniprot Accession: Q6MG06

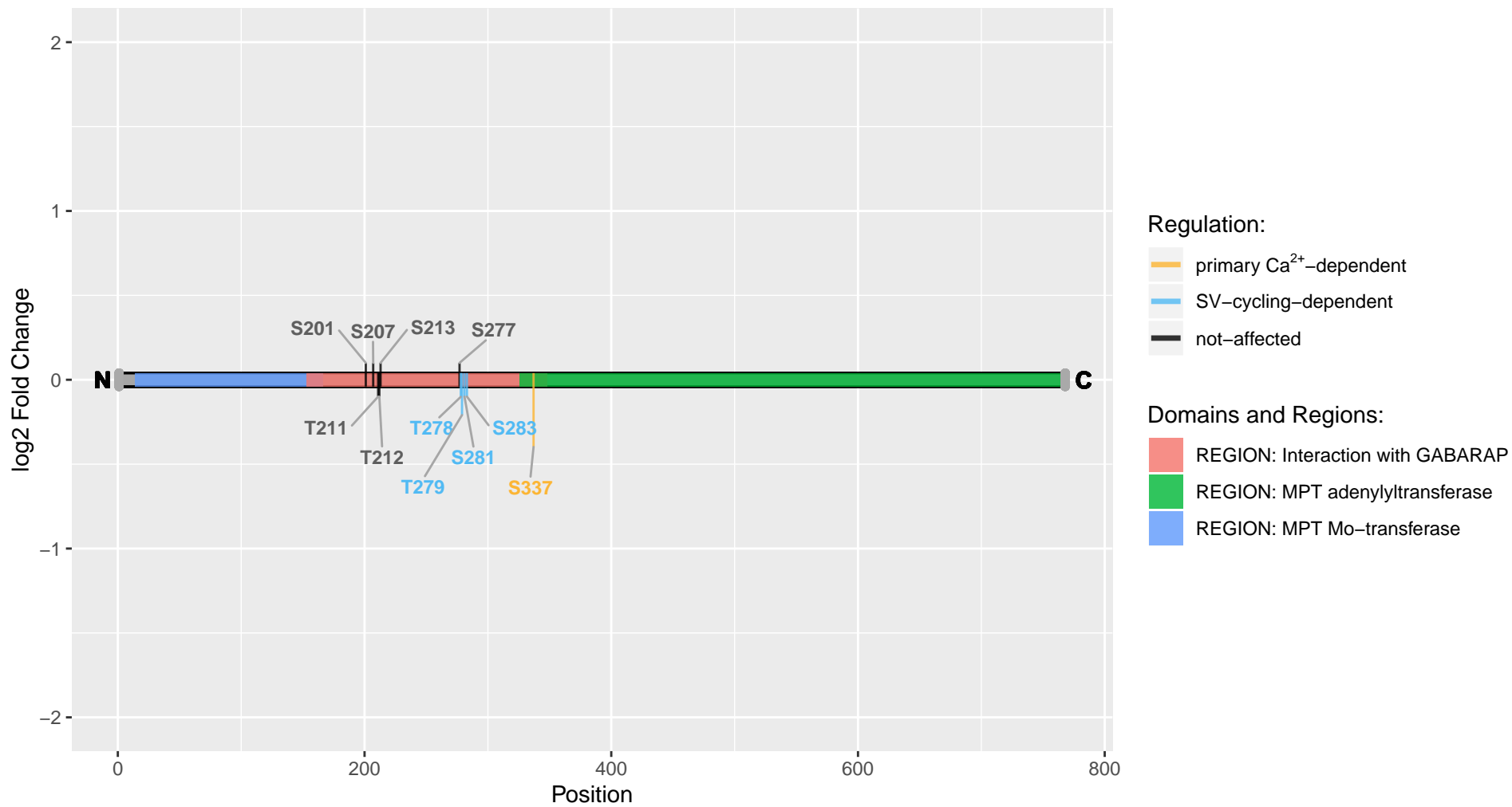
Guanine nucleotide-binding protein-like 1



Gphn

Uniprot Accession: Q03555

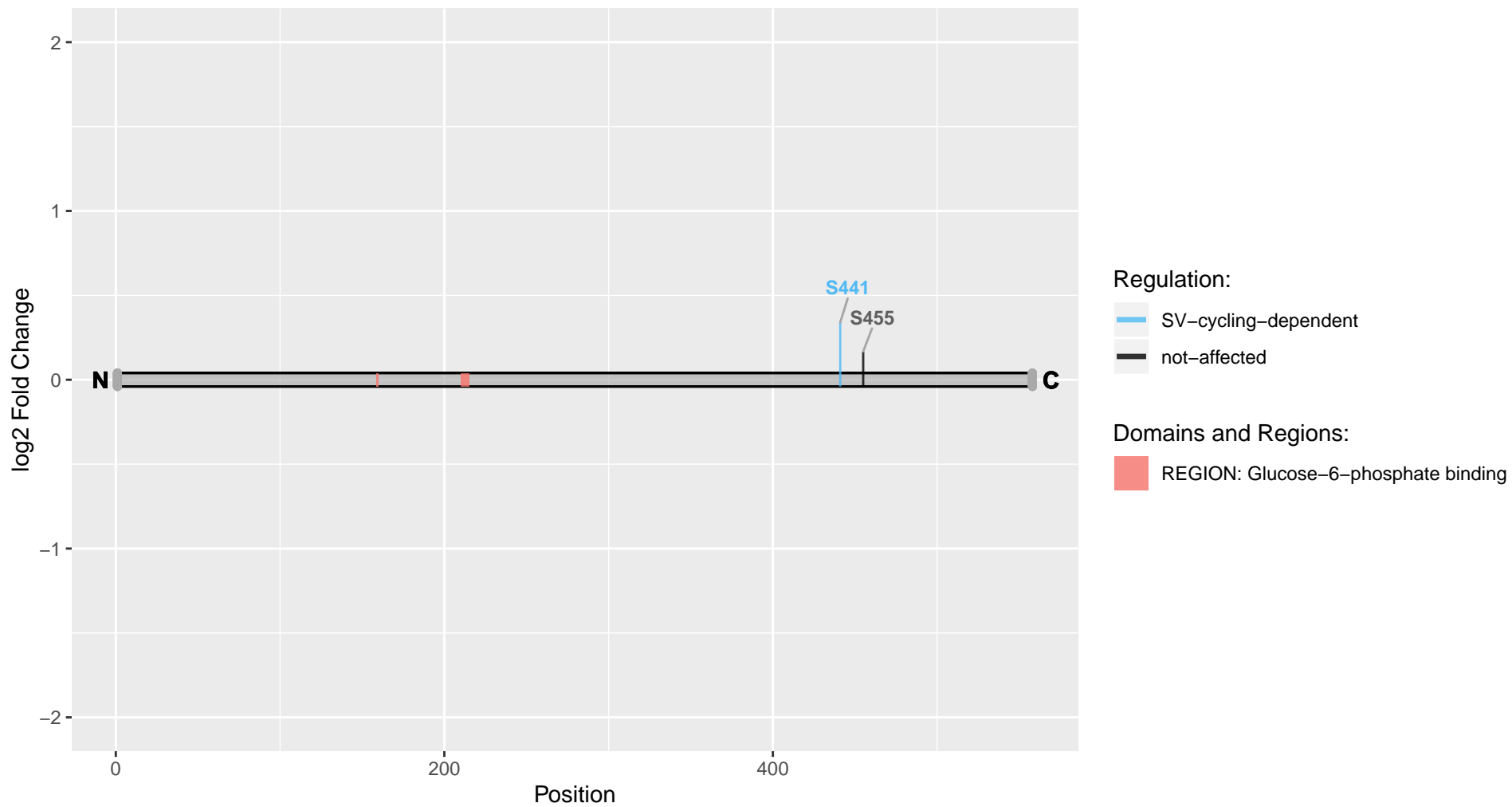
Gephyrin



Gpi

Uniprot Accession: Q6P6V0

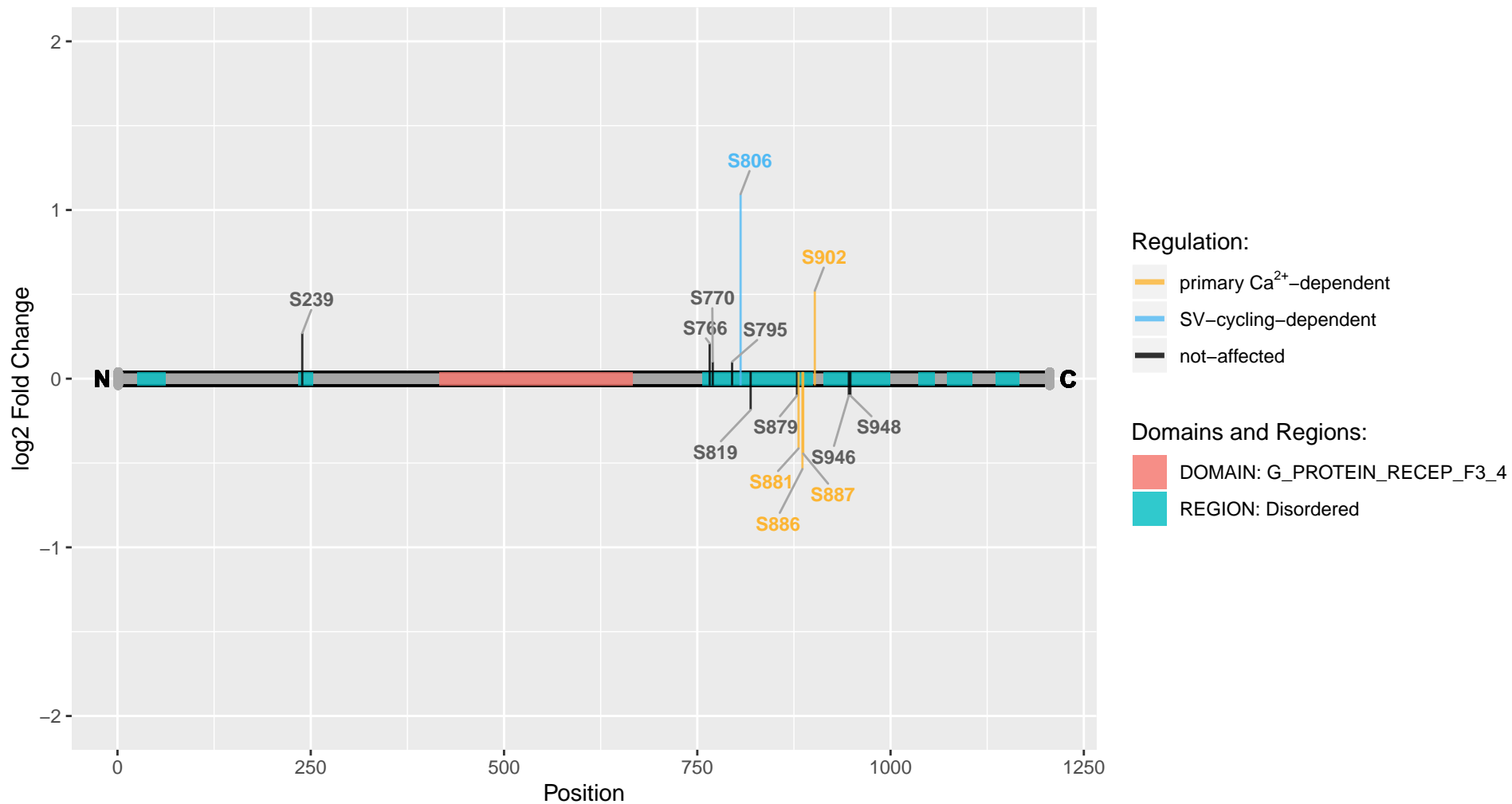
Glucose-6-phosphatase



Gpr158

Uniprot Accession: A0A0A0MY13

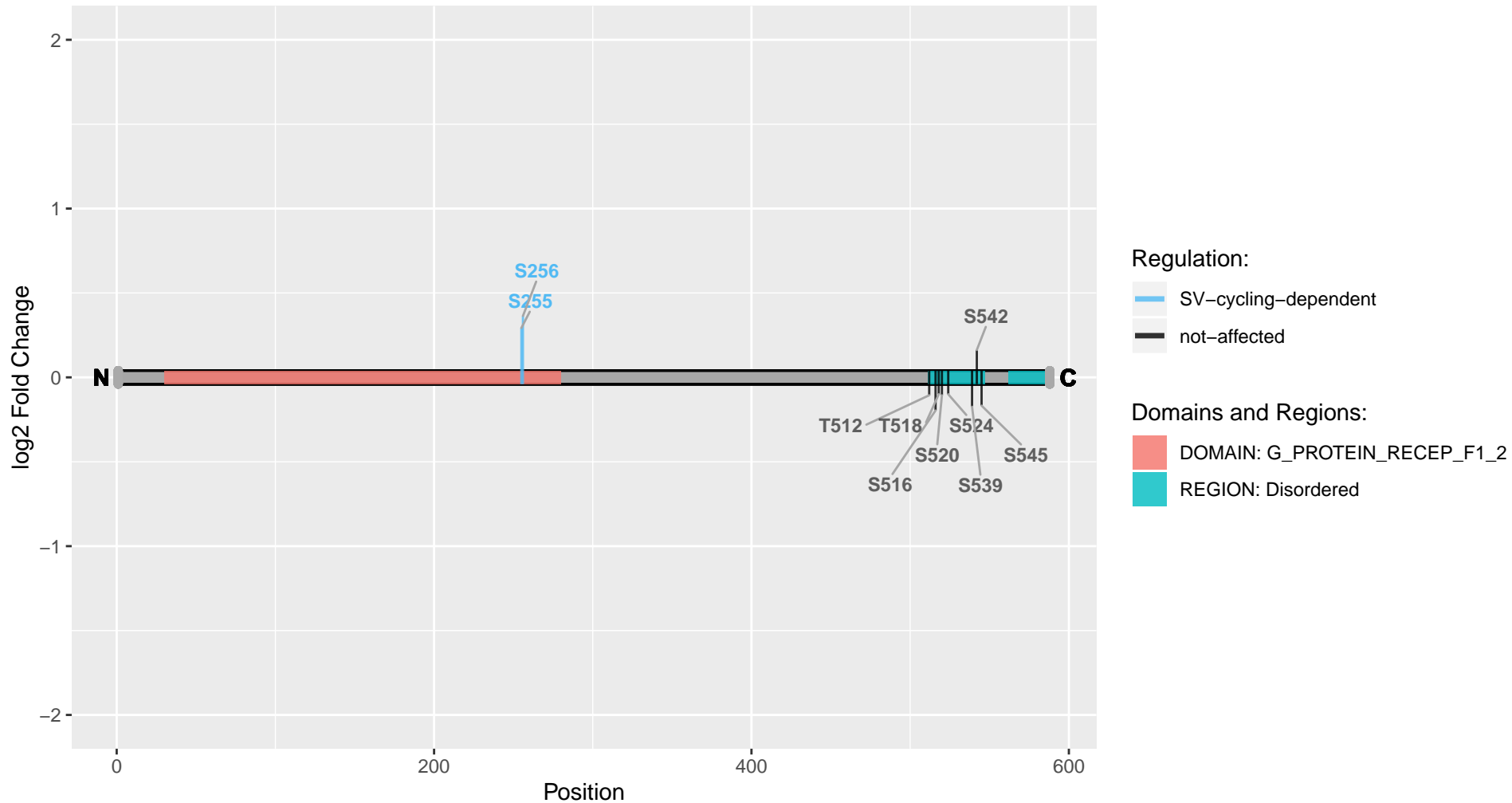
Probable G-protein-coupled receptor 158



Gpr162

Uniprot Accession: D4AAS1

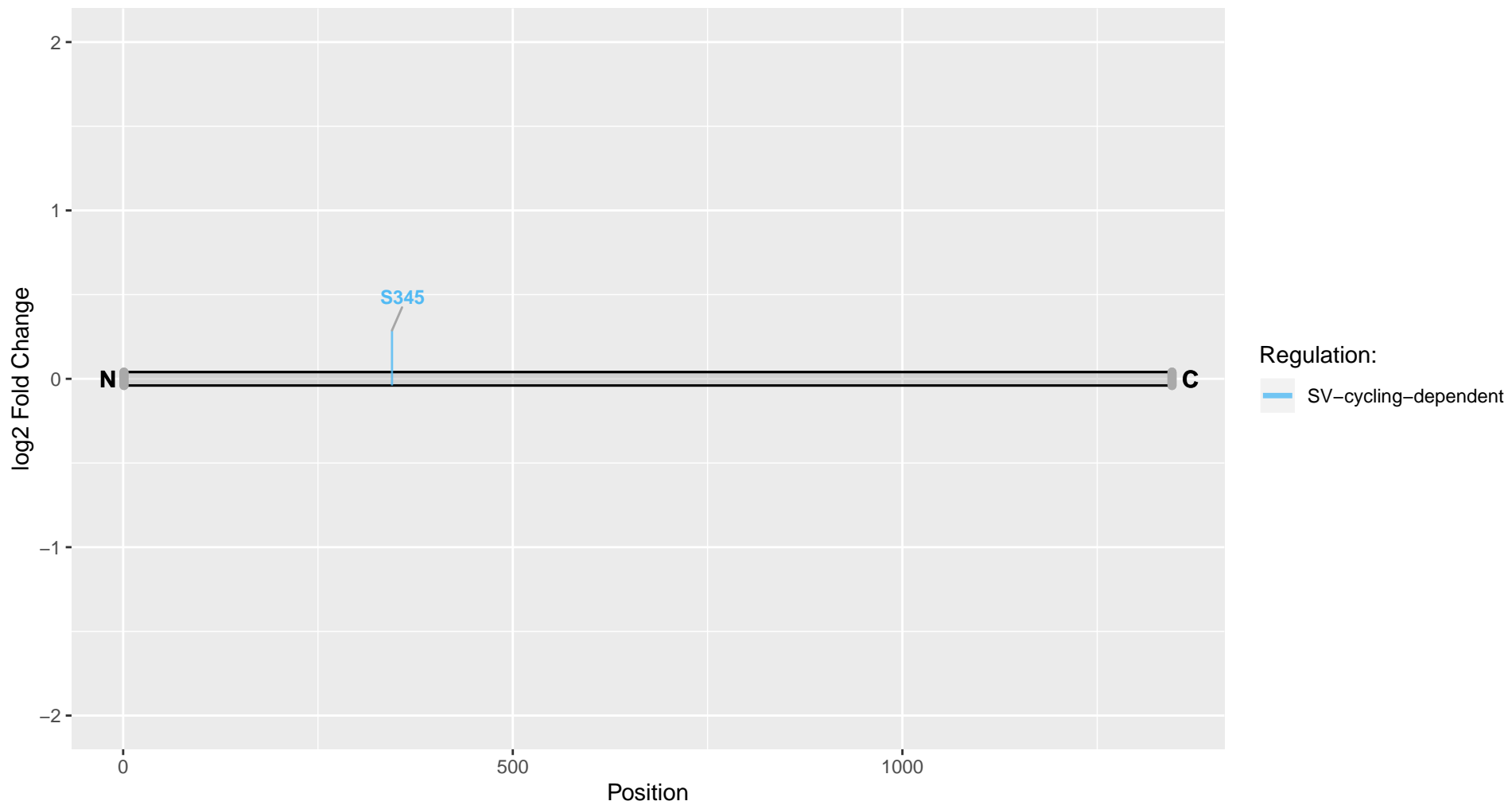
G protein-coupled receptor 162



Gprasp1

Uniprot Accession: Q920R4

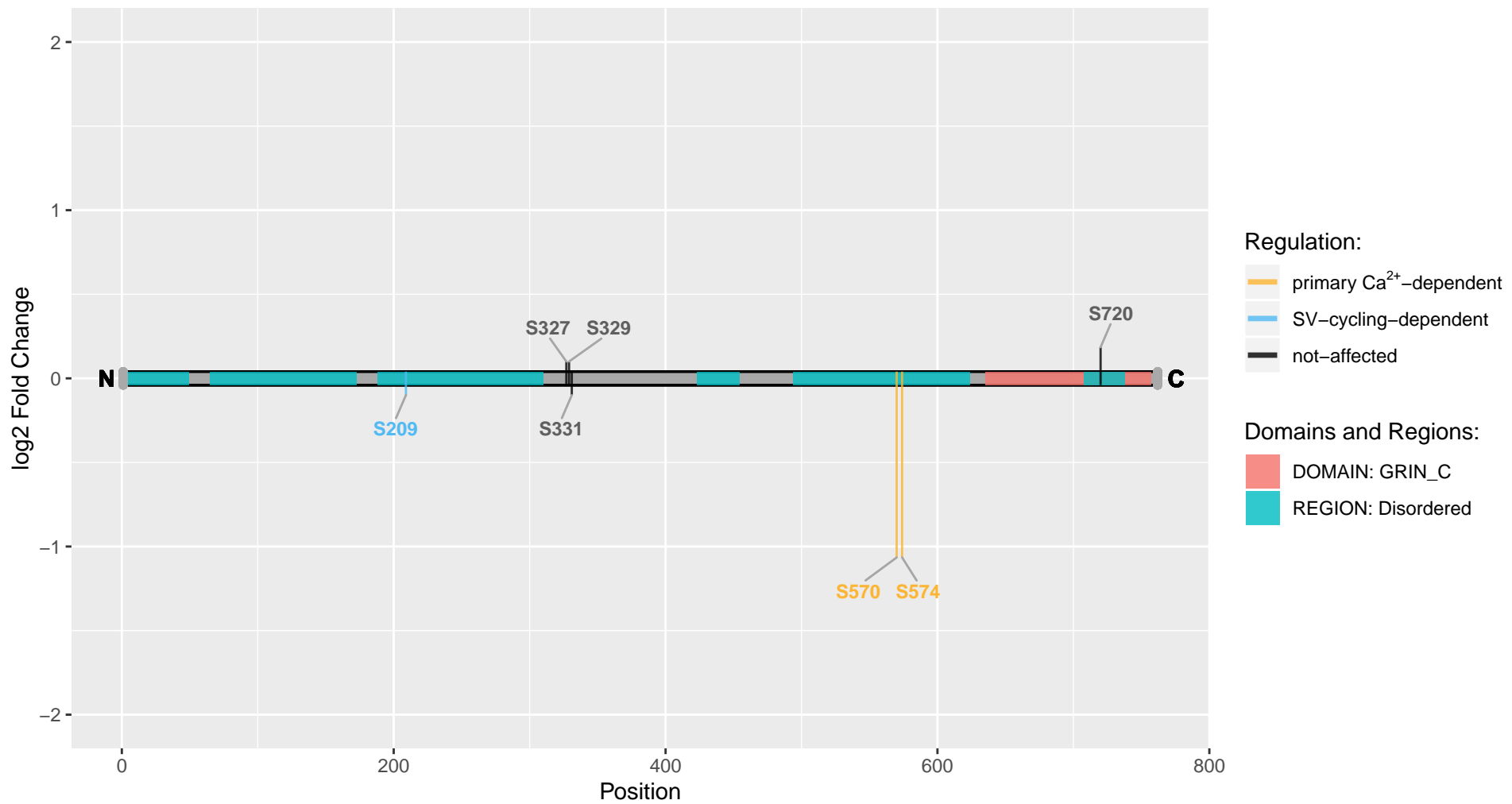
G-protein coupled receptor-associated sorting protein 1



Gprin3

Uniprot Accession: D3ZF21

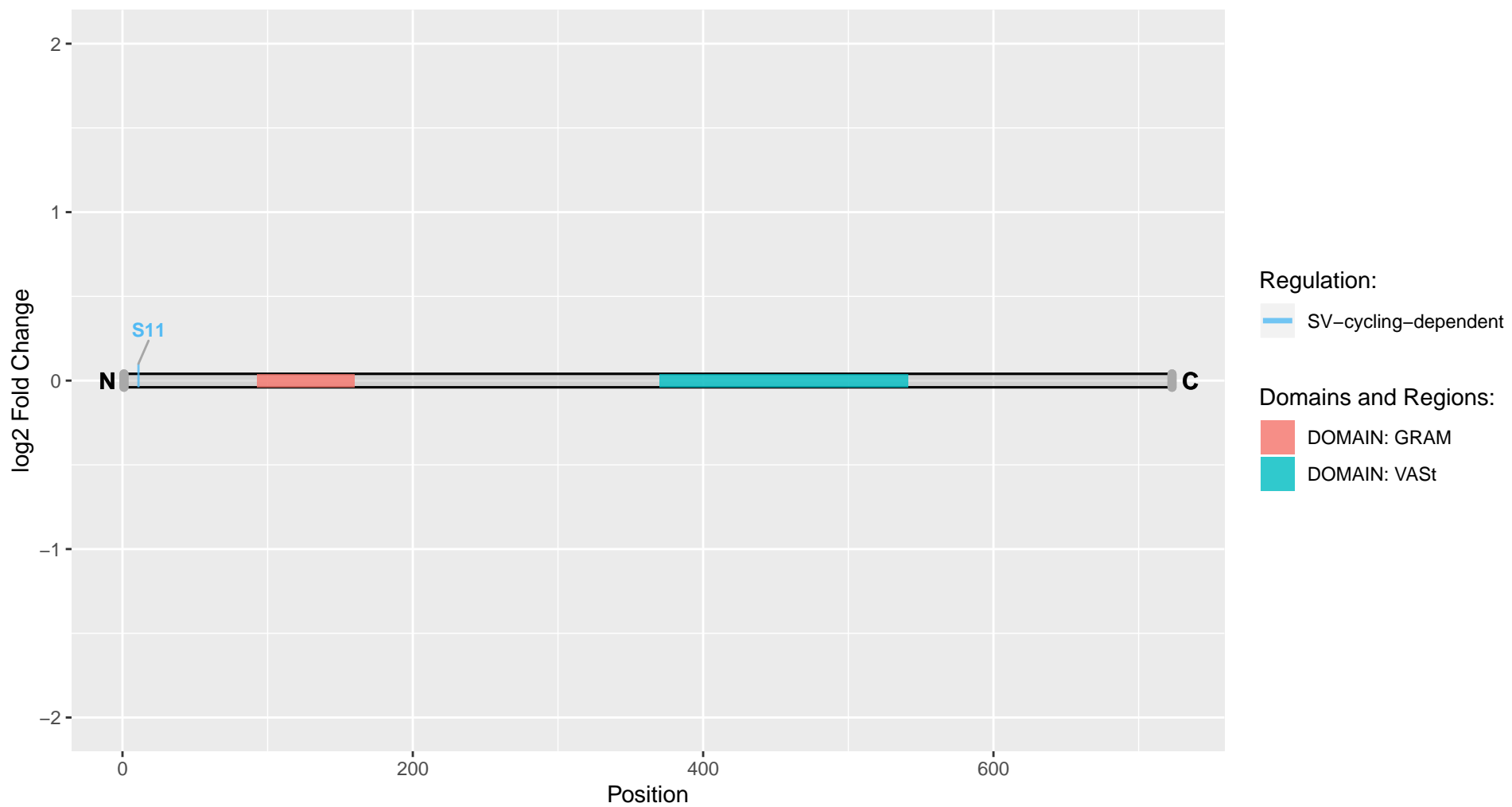
GPRIN family member 3



Gramd1a

Uniprot Accession: Q3KR56

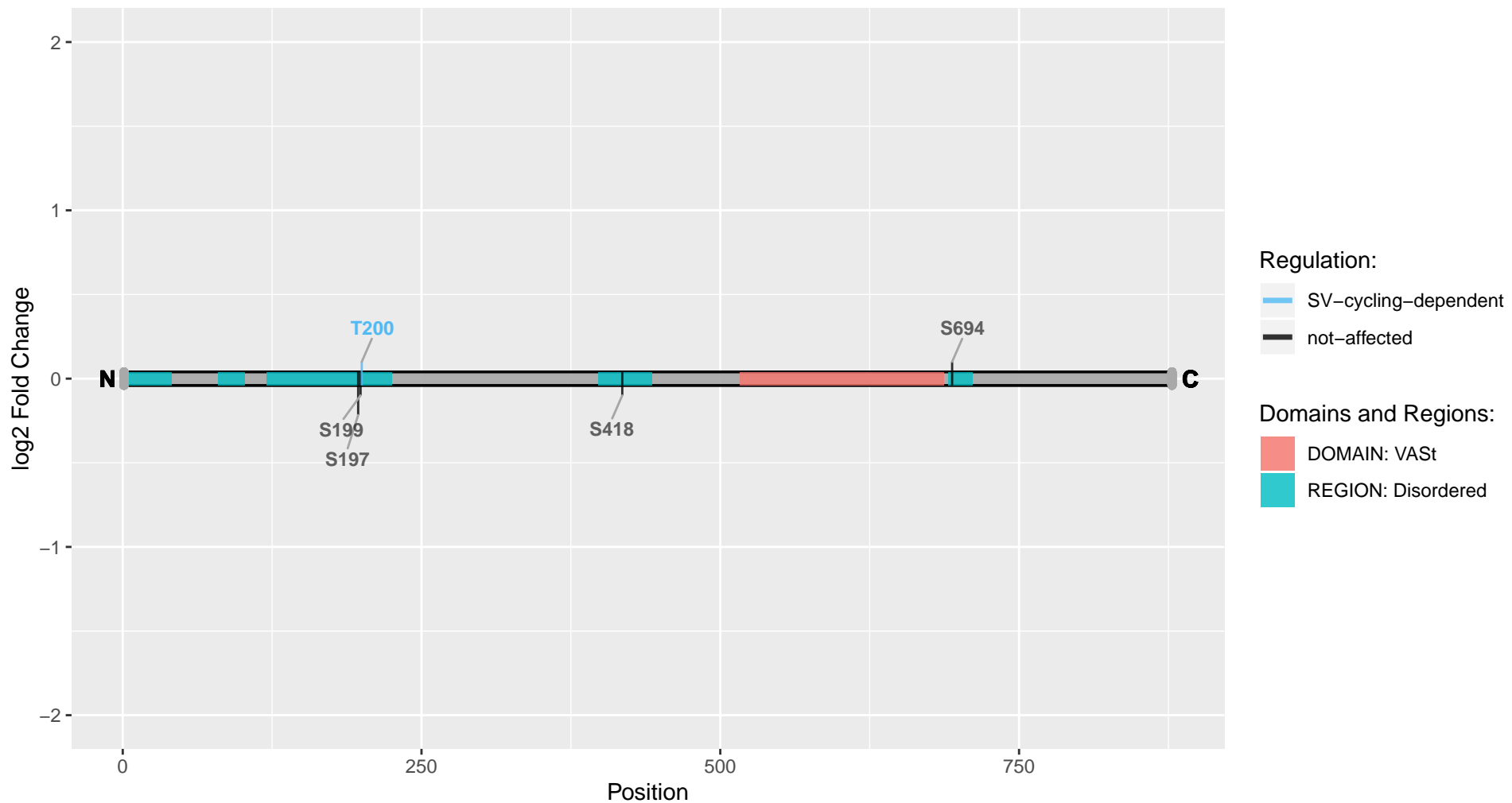
Protein Aster-A



Gramd1b

Uniprot Accession: D3ZYJ5

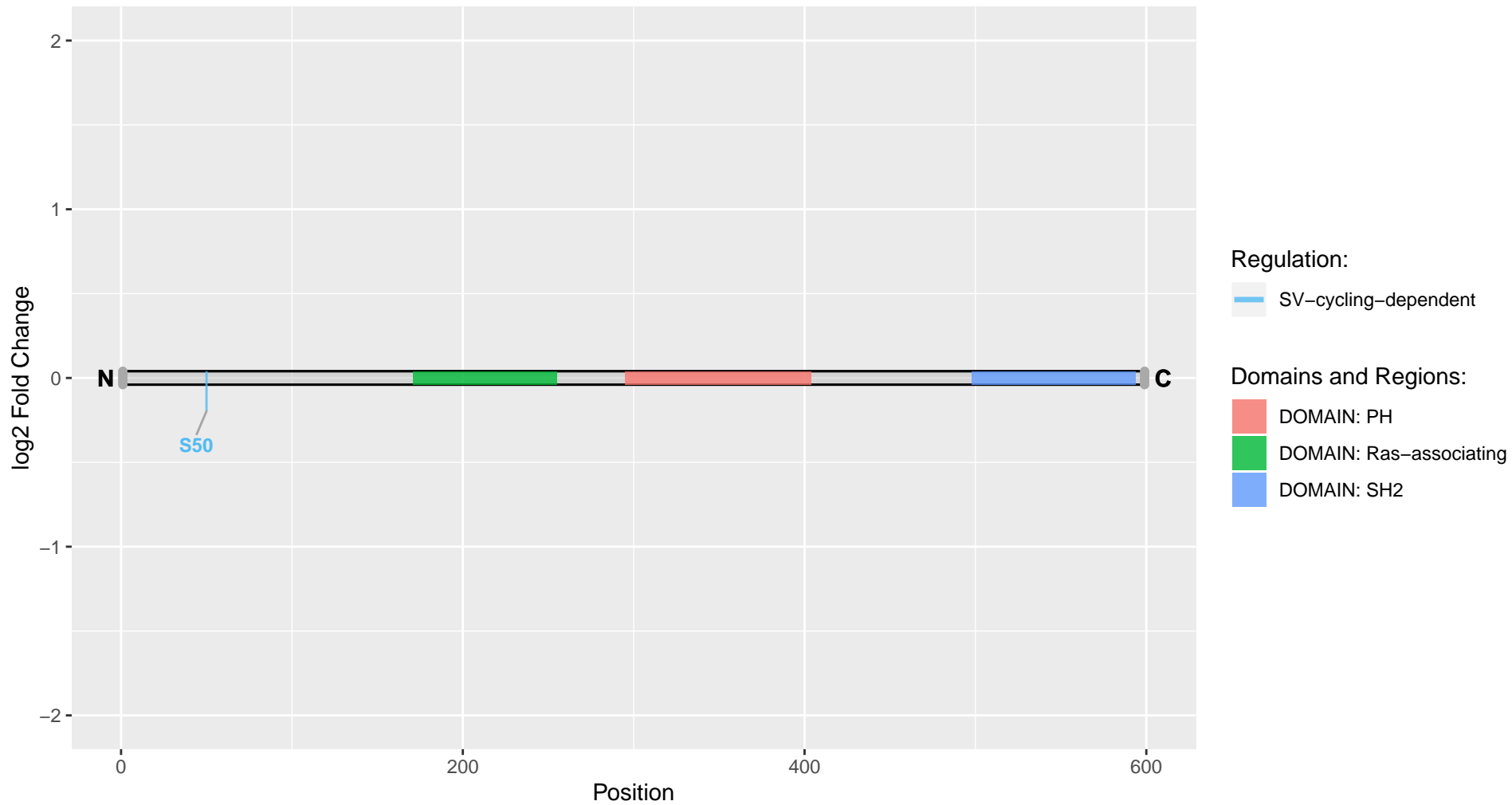
GRAM domain-containing 1B



Grb10

Uniprot Accession: P0CE43

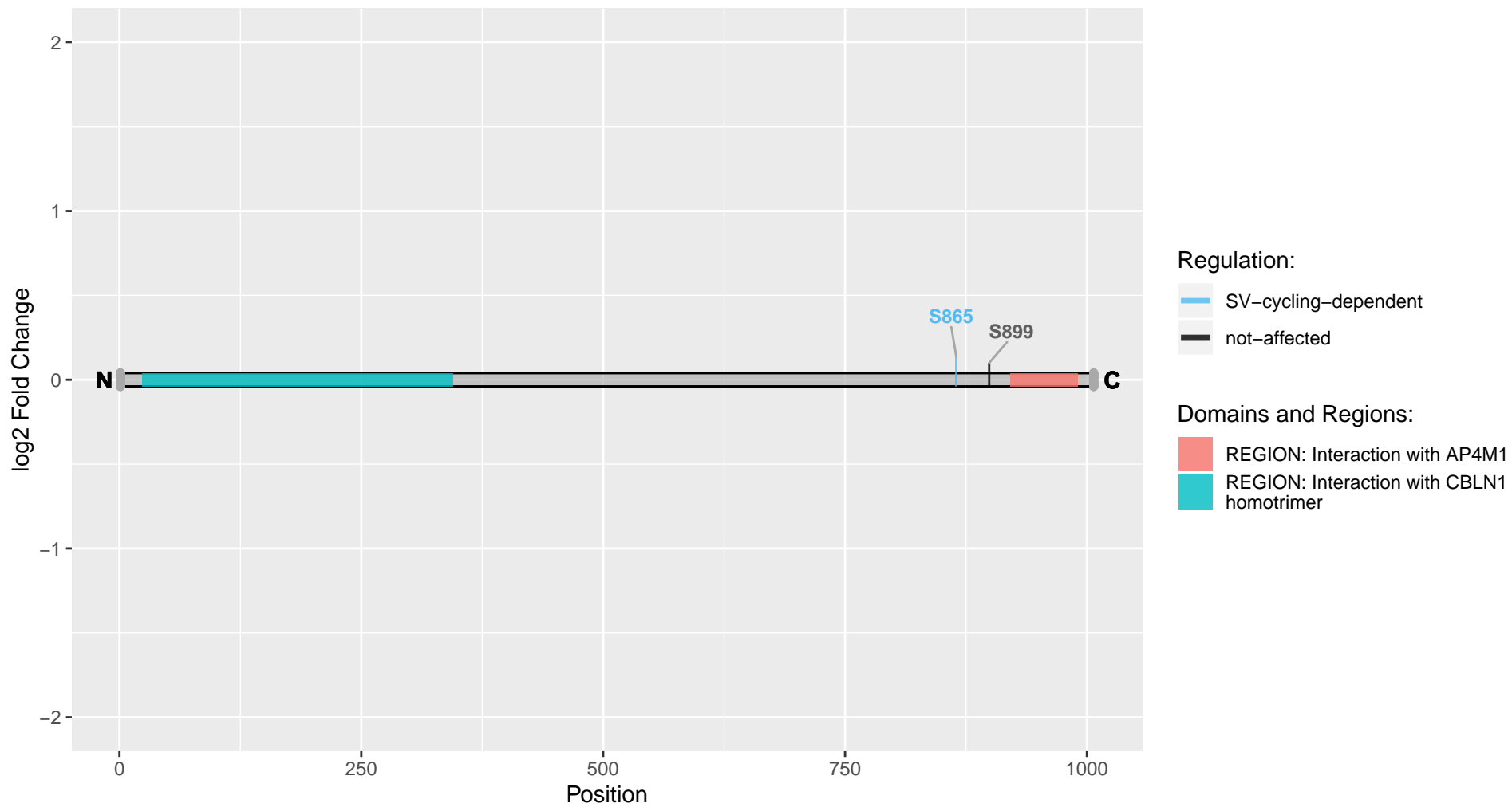
Growth factor receptor-bound protein 10



Grid2

Uniprot Accession: Q63226

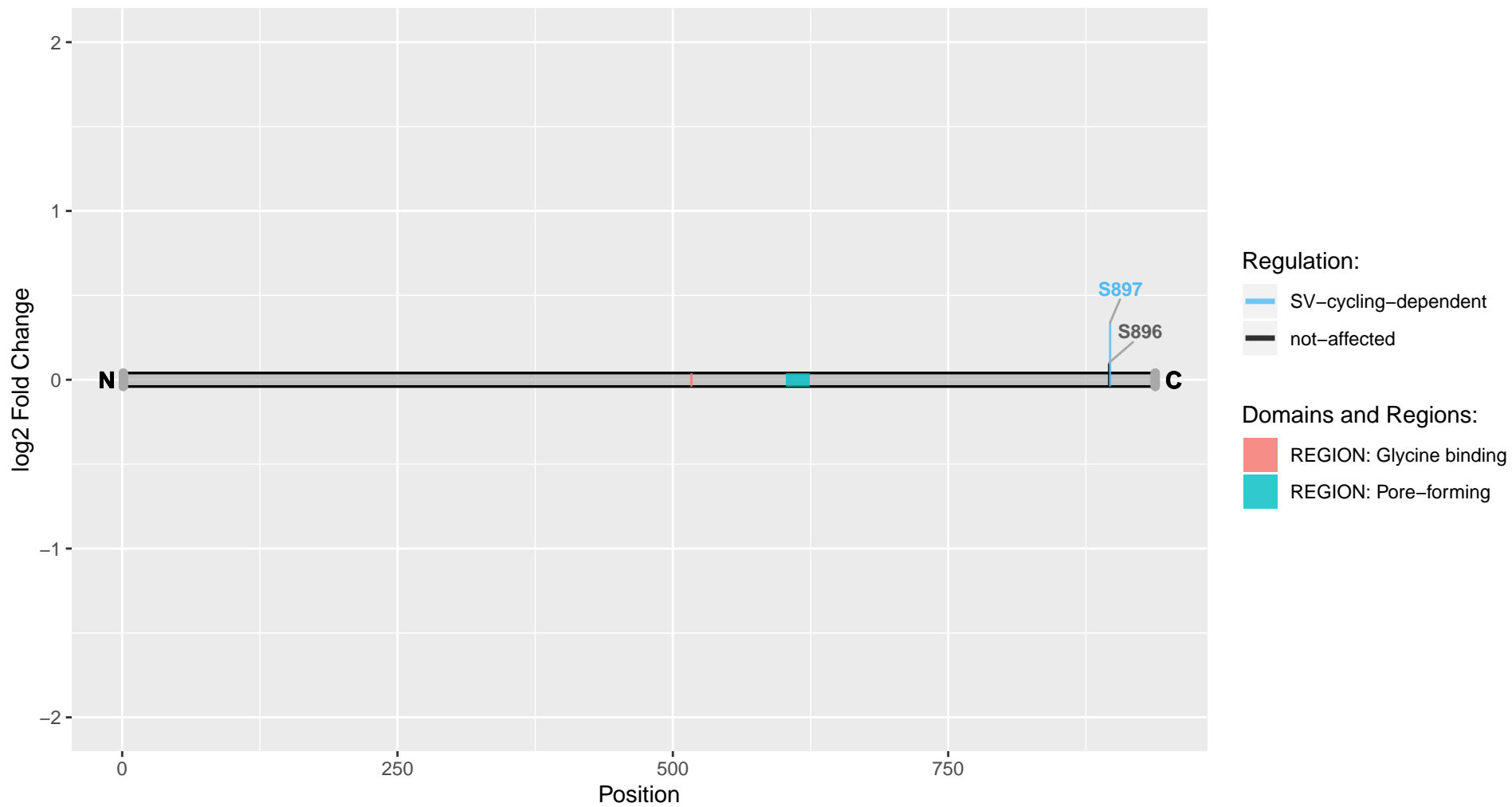
Glutamate receptor ionotropic, delta-2



Grin1

Uniprot Accession: P35439

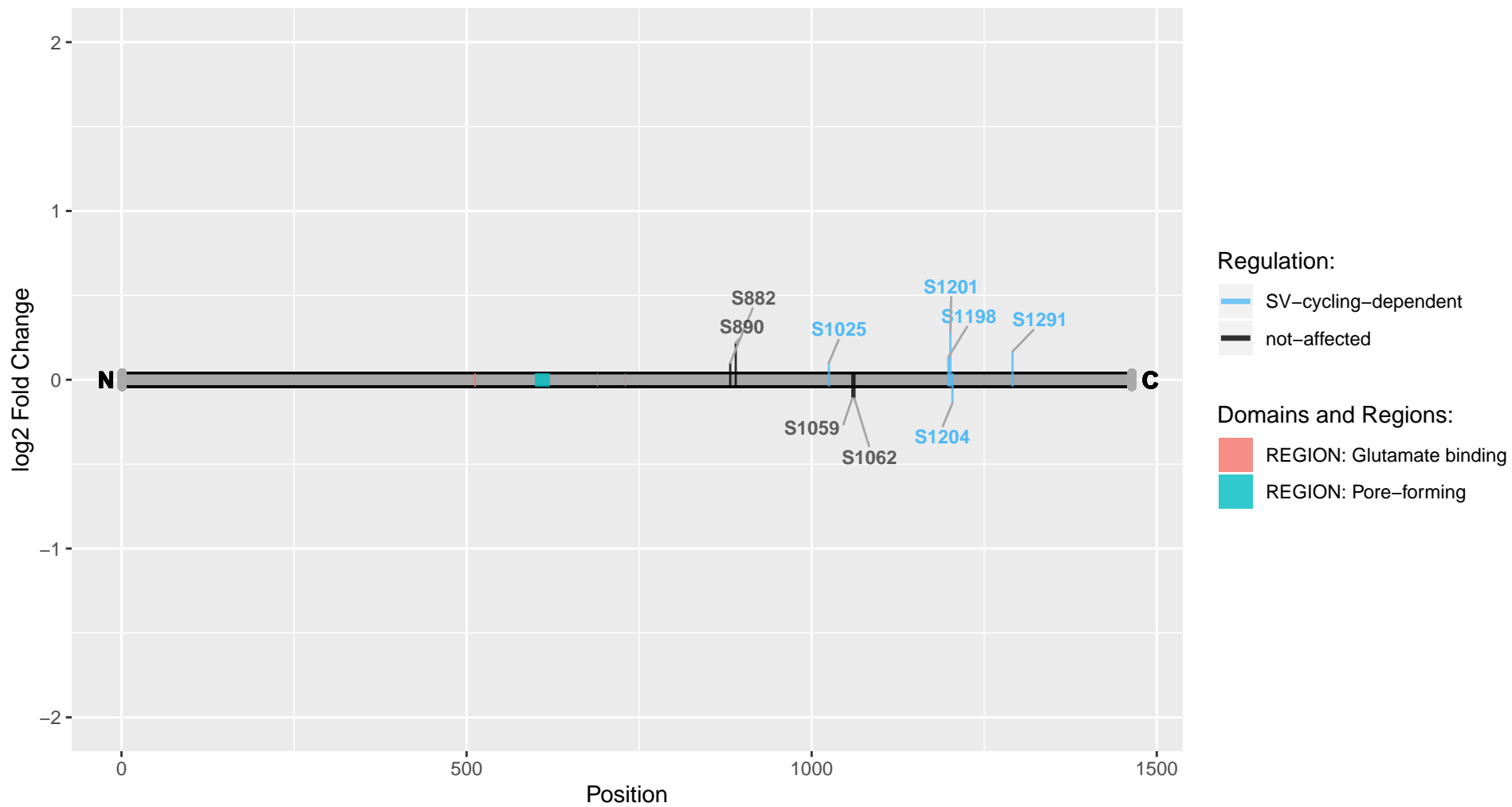
Glutamate receptor ionotropic, NMDA 1



Grin2a

Uniprot Accession: Q00959

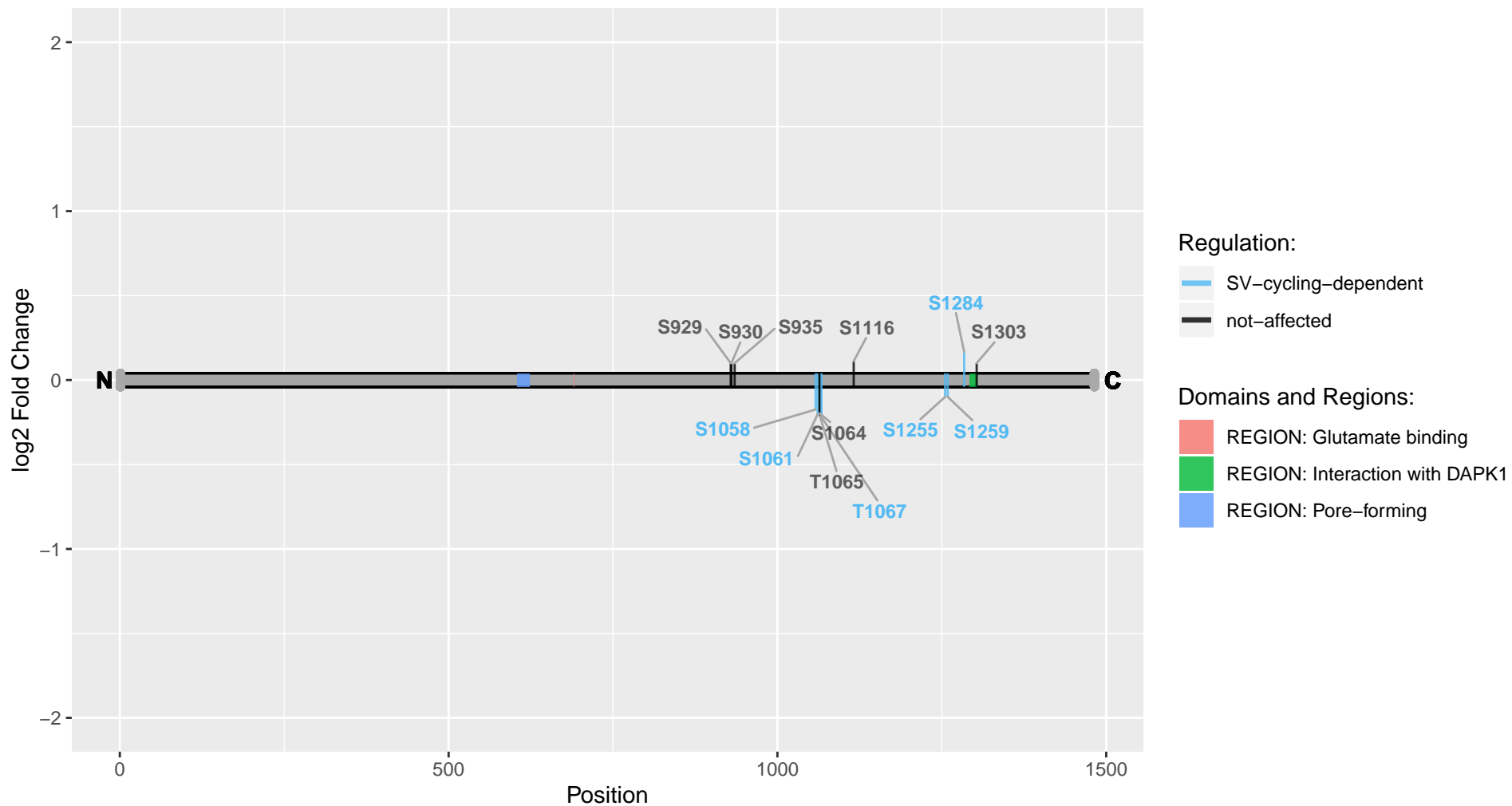
Glutamate receptor ionotropic, NMDA 2A



Grin2b

Uniprot Accession: Q00960

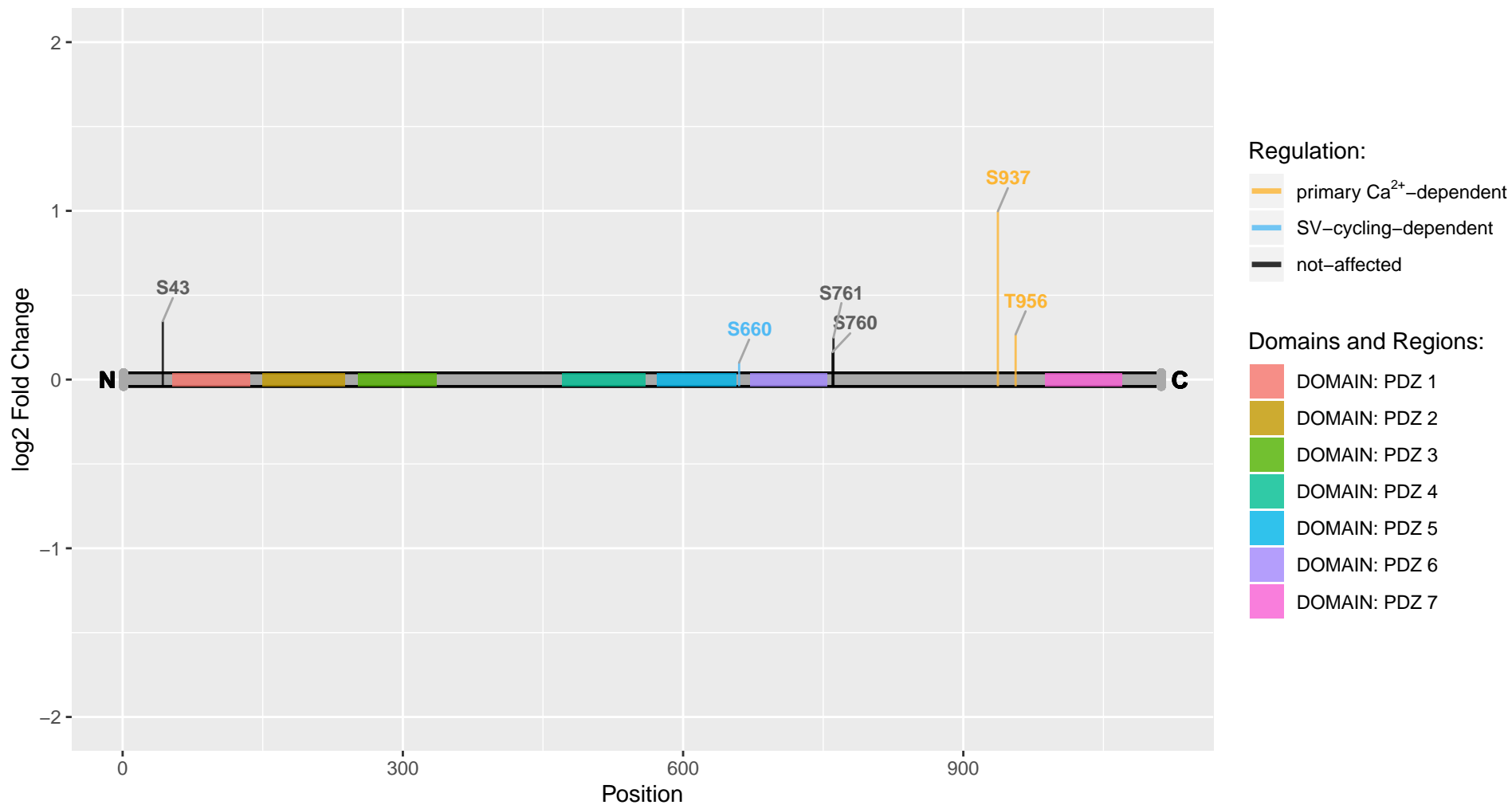
Glutamate receptor ionotropic, NMDA 2B



Grip1

Uniprot Accession: P97879

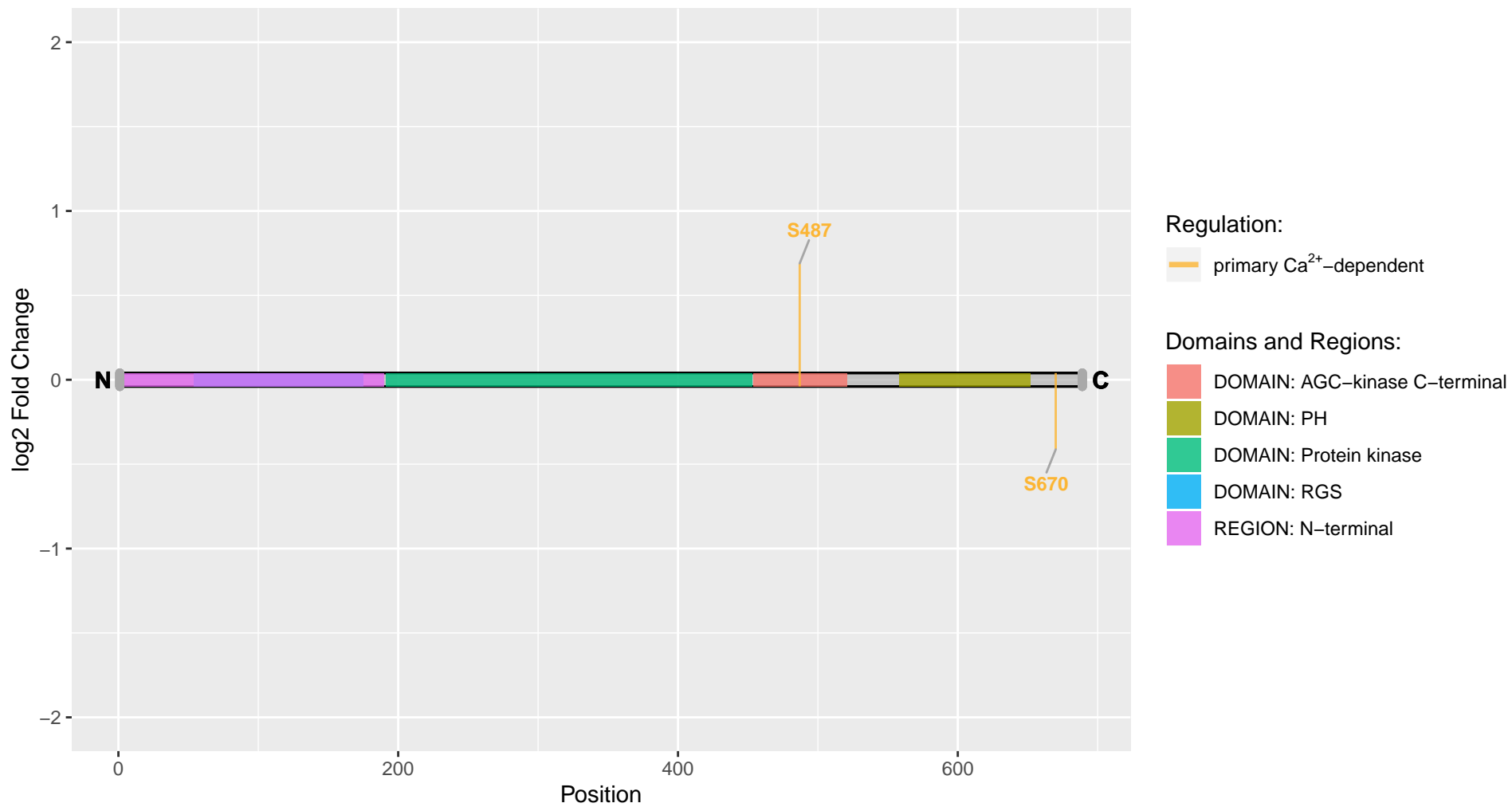
Glutamate receptor-interacting protein 1



Grk2

Uniprot Accession: P26817

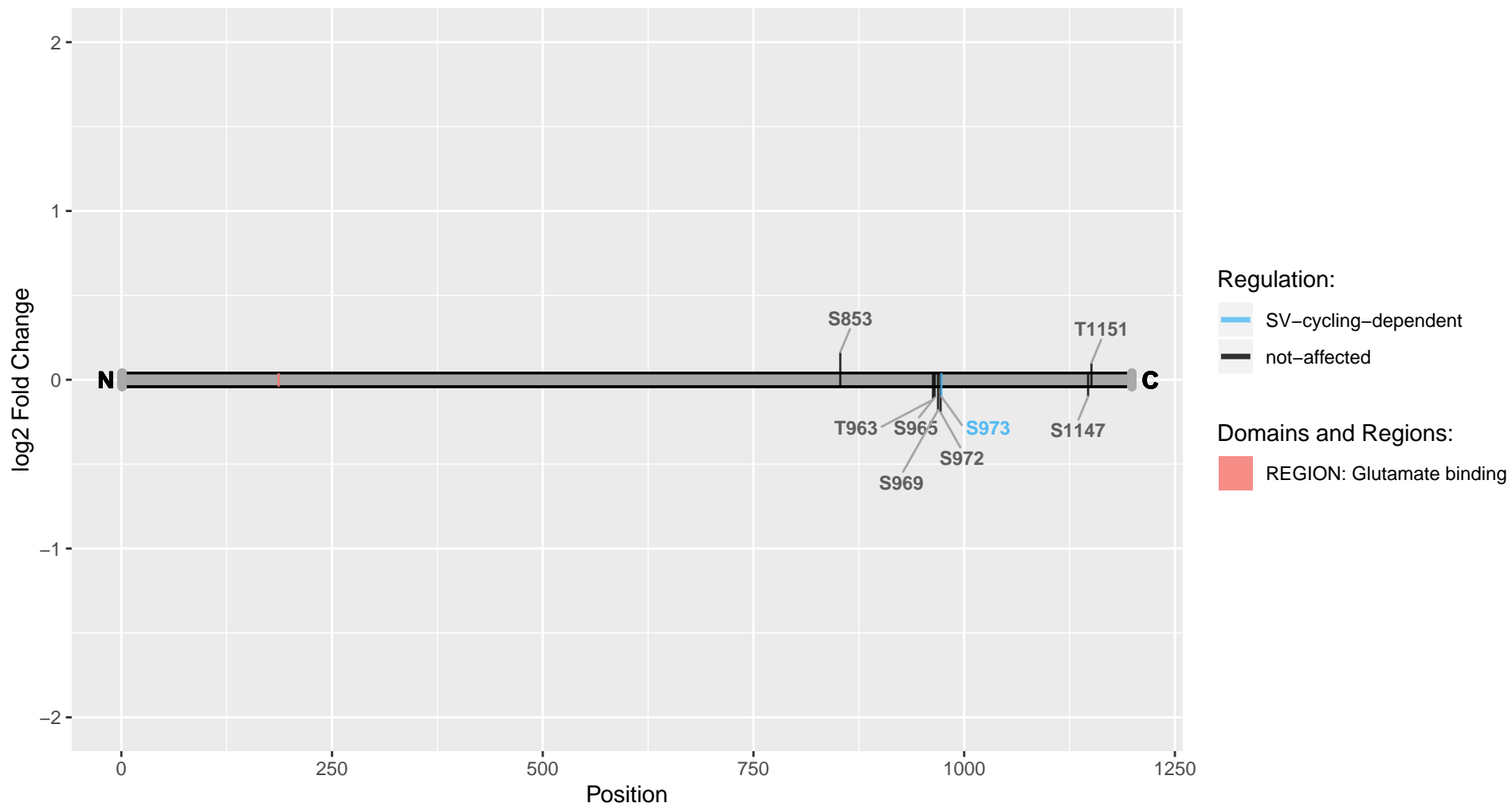
Beta-adrenergic receptor kinase 1



Grm1

Uniprot Accession: P23385

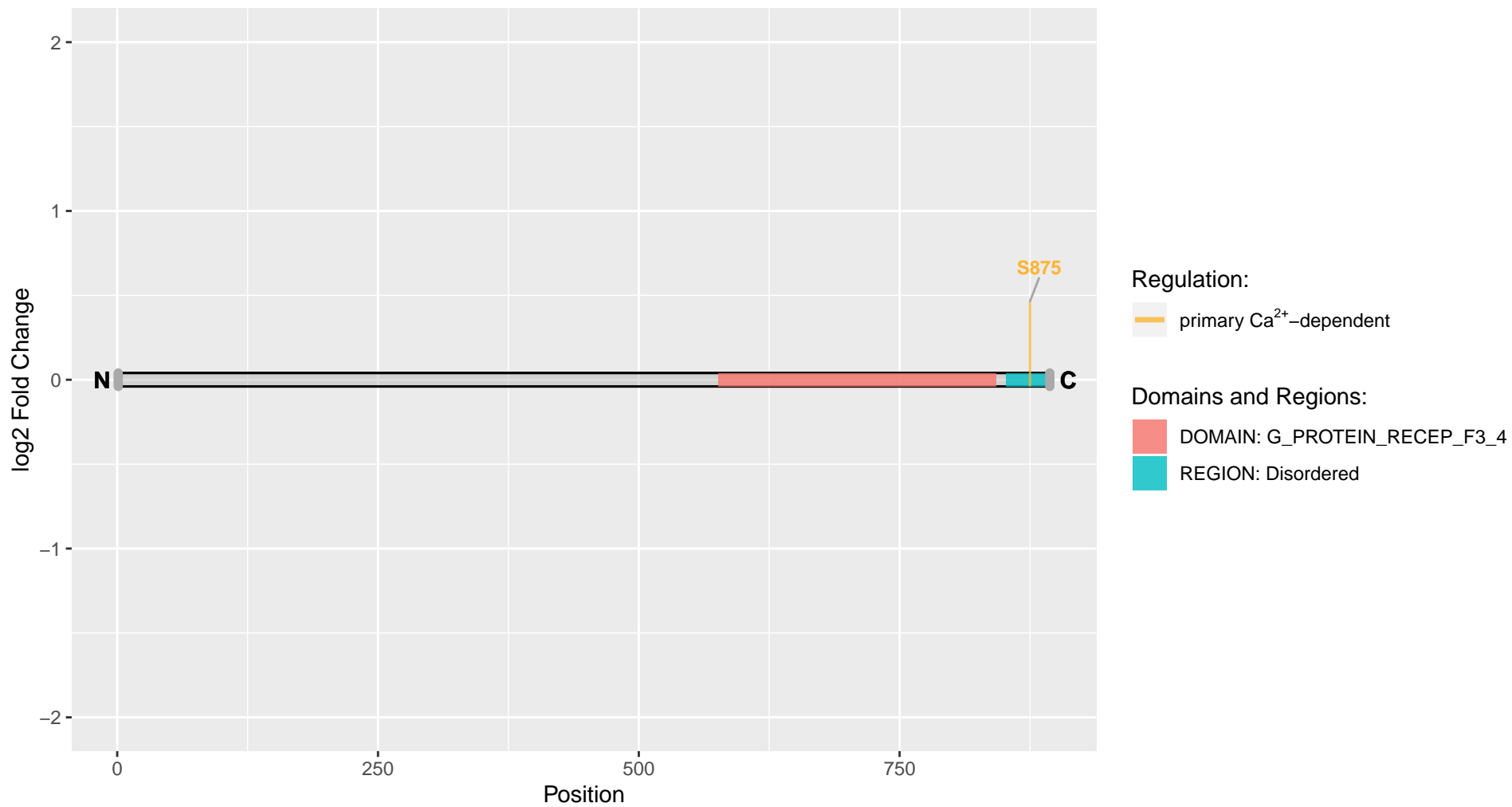
Metabotropic glutamate receptor 1



Grm3

Uniprot Accession: A0A0G2JV93

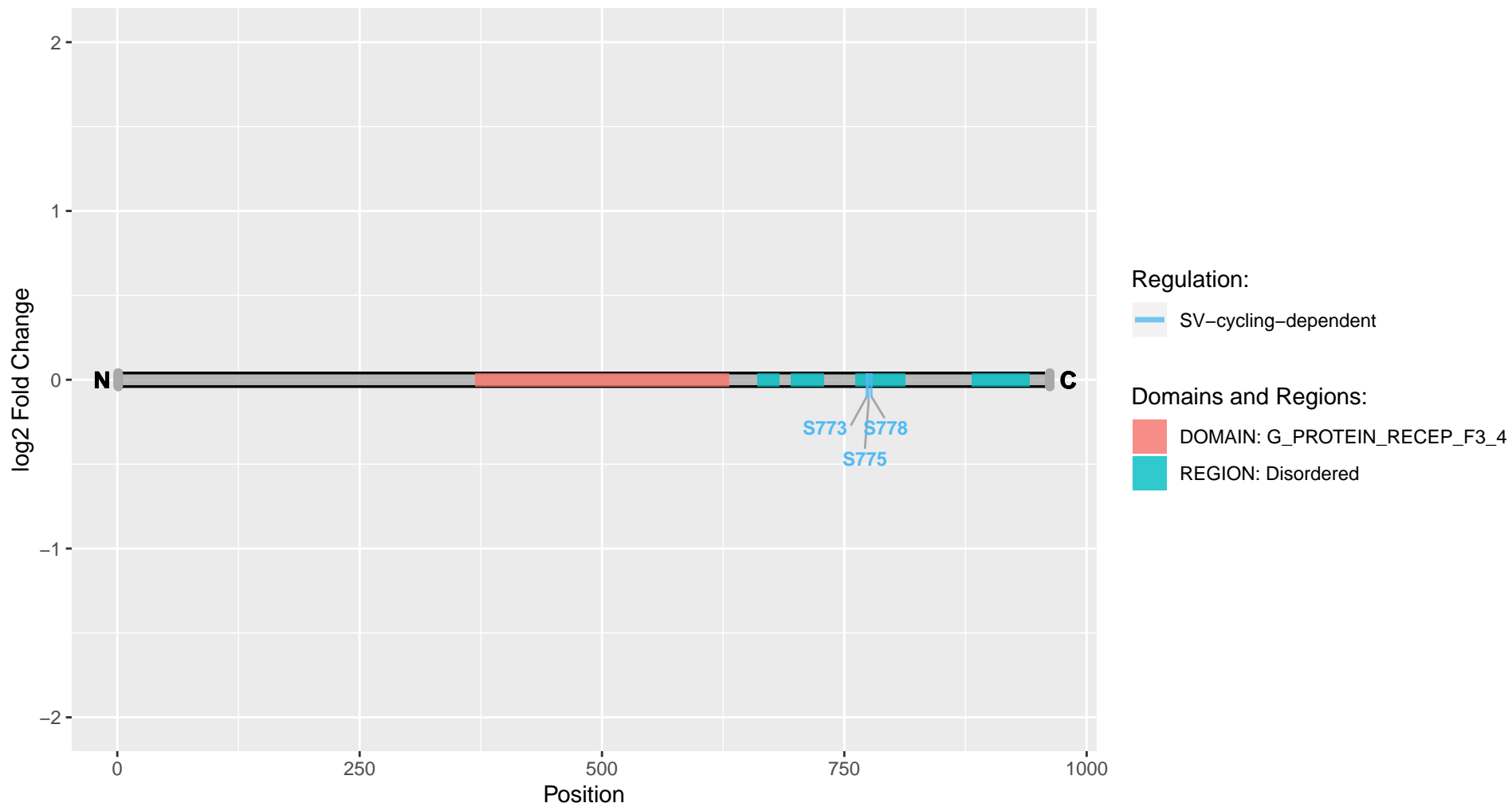
Metabotropic glutamate receptor 3



Grm5

Uniprot Accession: A0A0H2UHW6

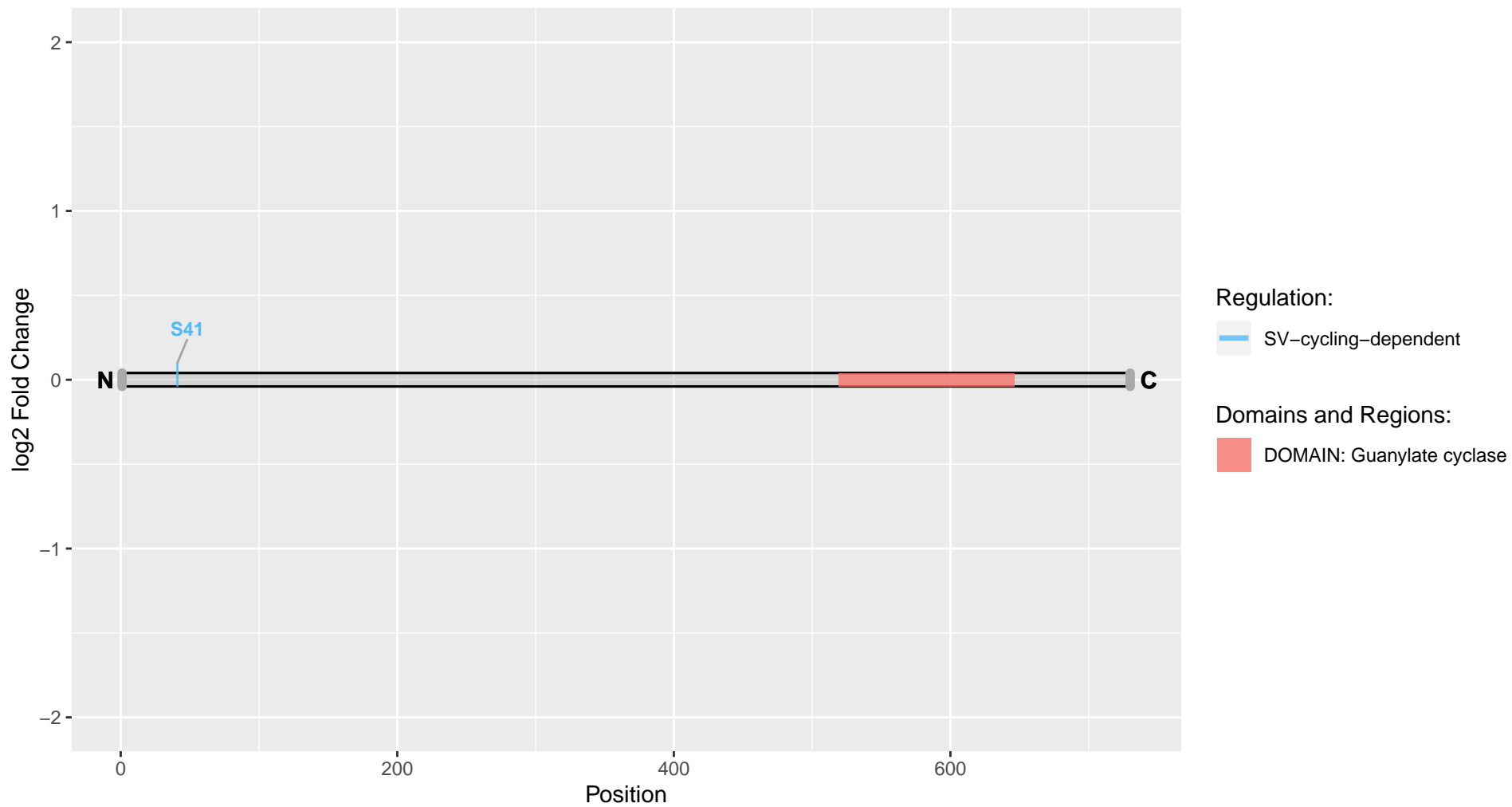
Metabotropic glutamate receptor 5



Gucy1a2

Uniprot Accession: Q9WVI4

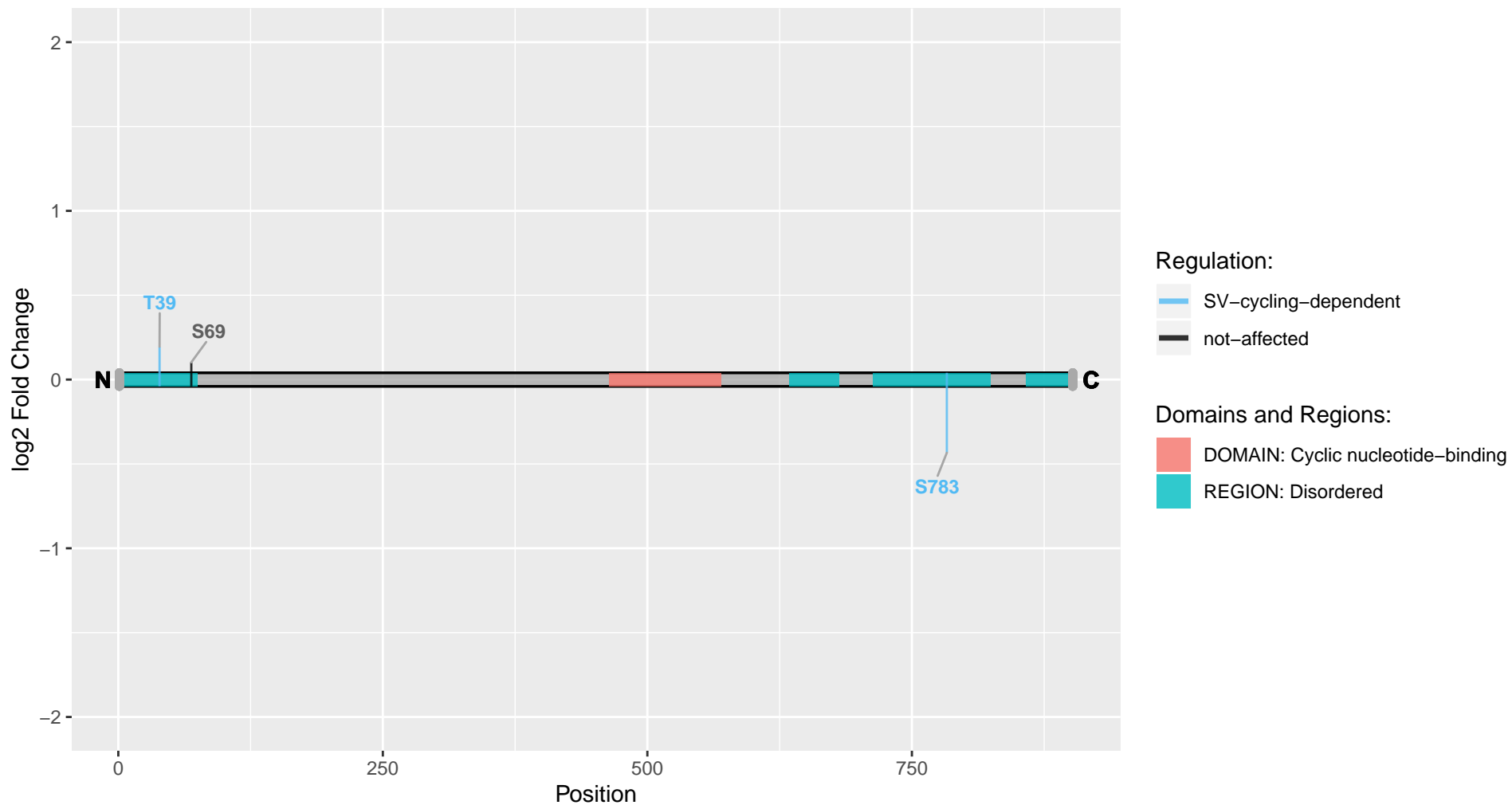
Guanylate cyclase soluble subunit alpha-2



Hcn1

Uniprot Accession: F1LSH6

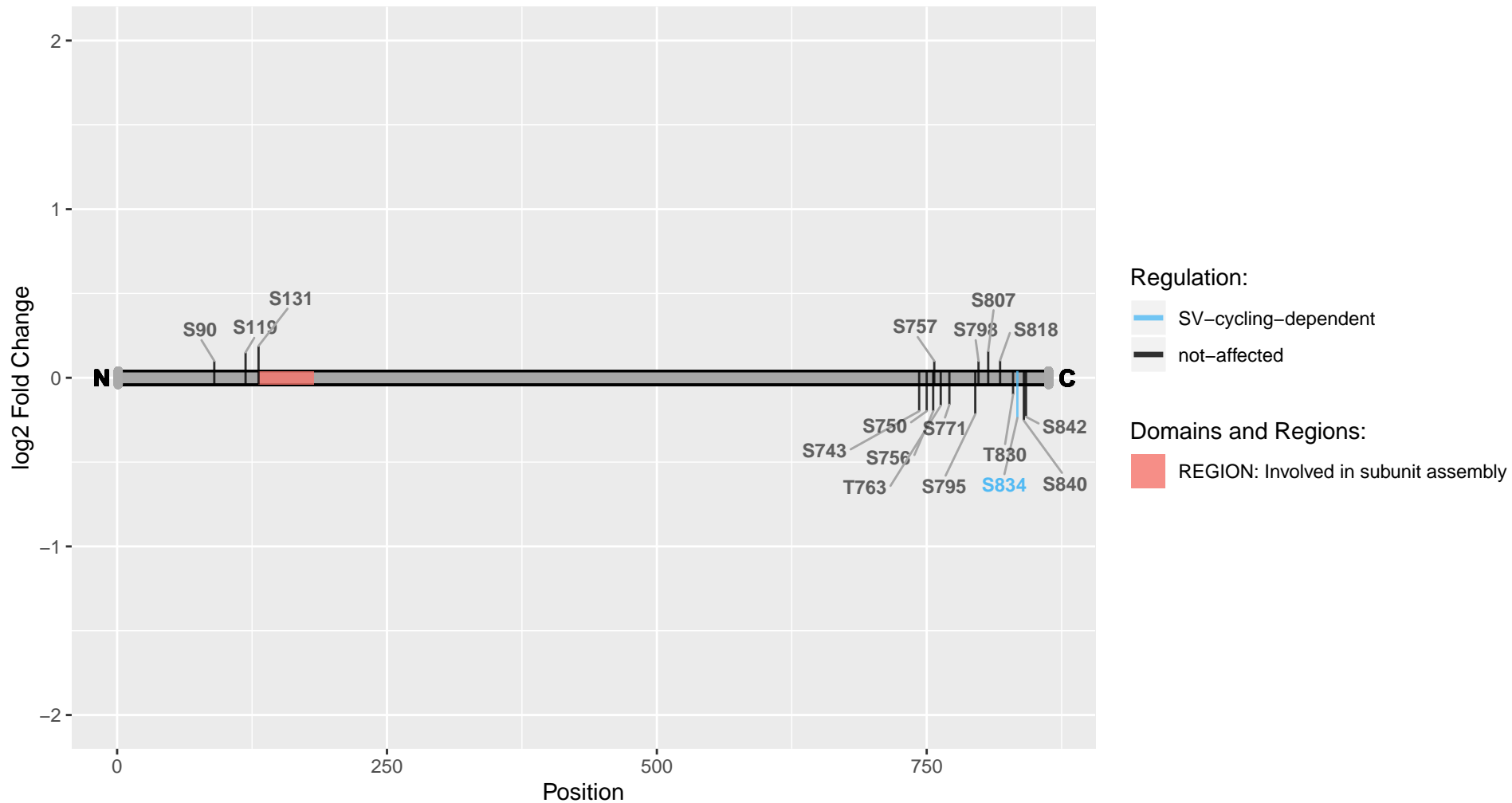
Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1



Hcn2

Uniprot Accession: Q9JKA9

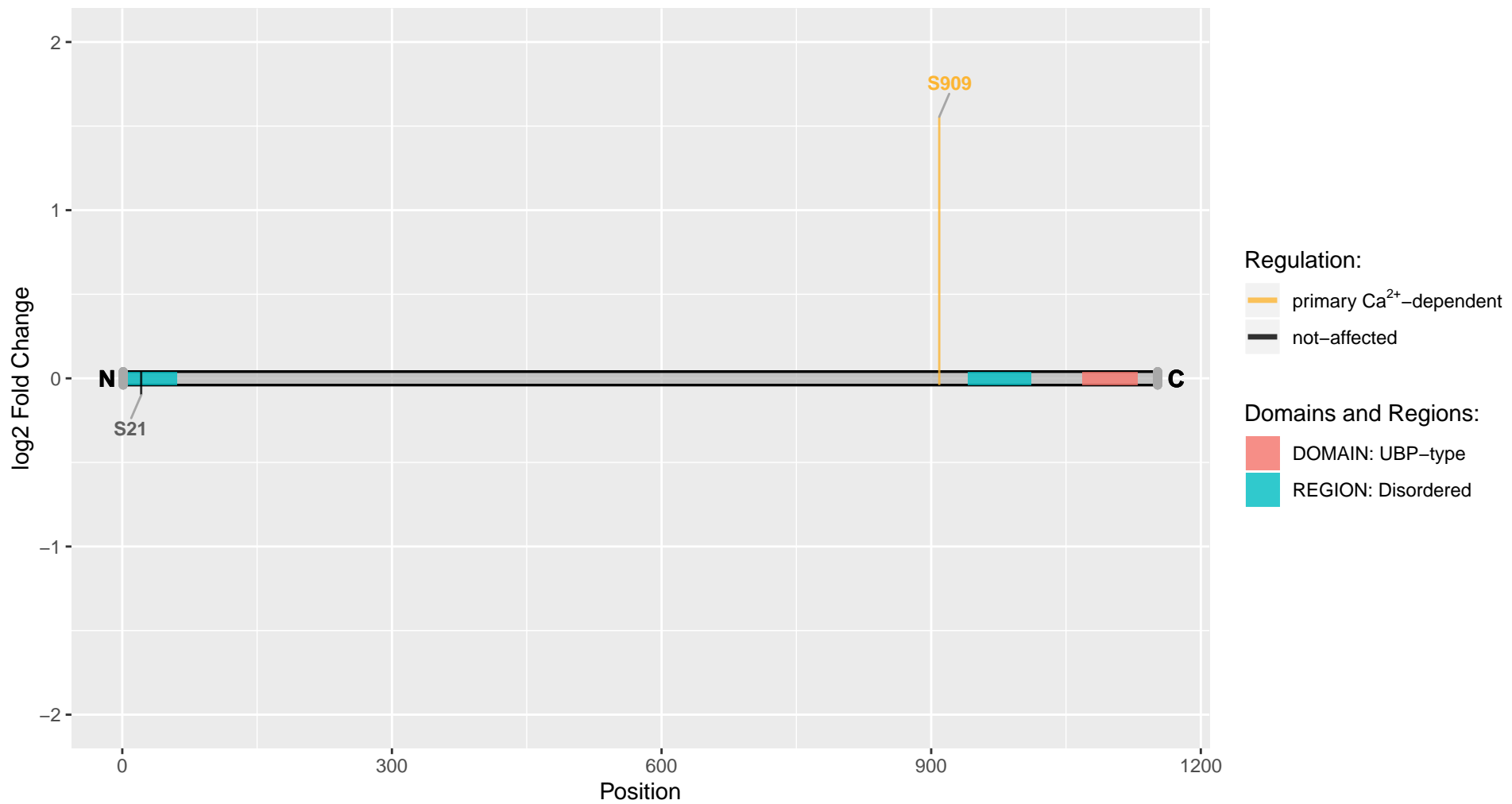
Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2



Hdac6

Uniprot Accession: A0A0G2QC41

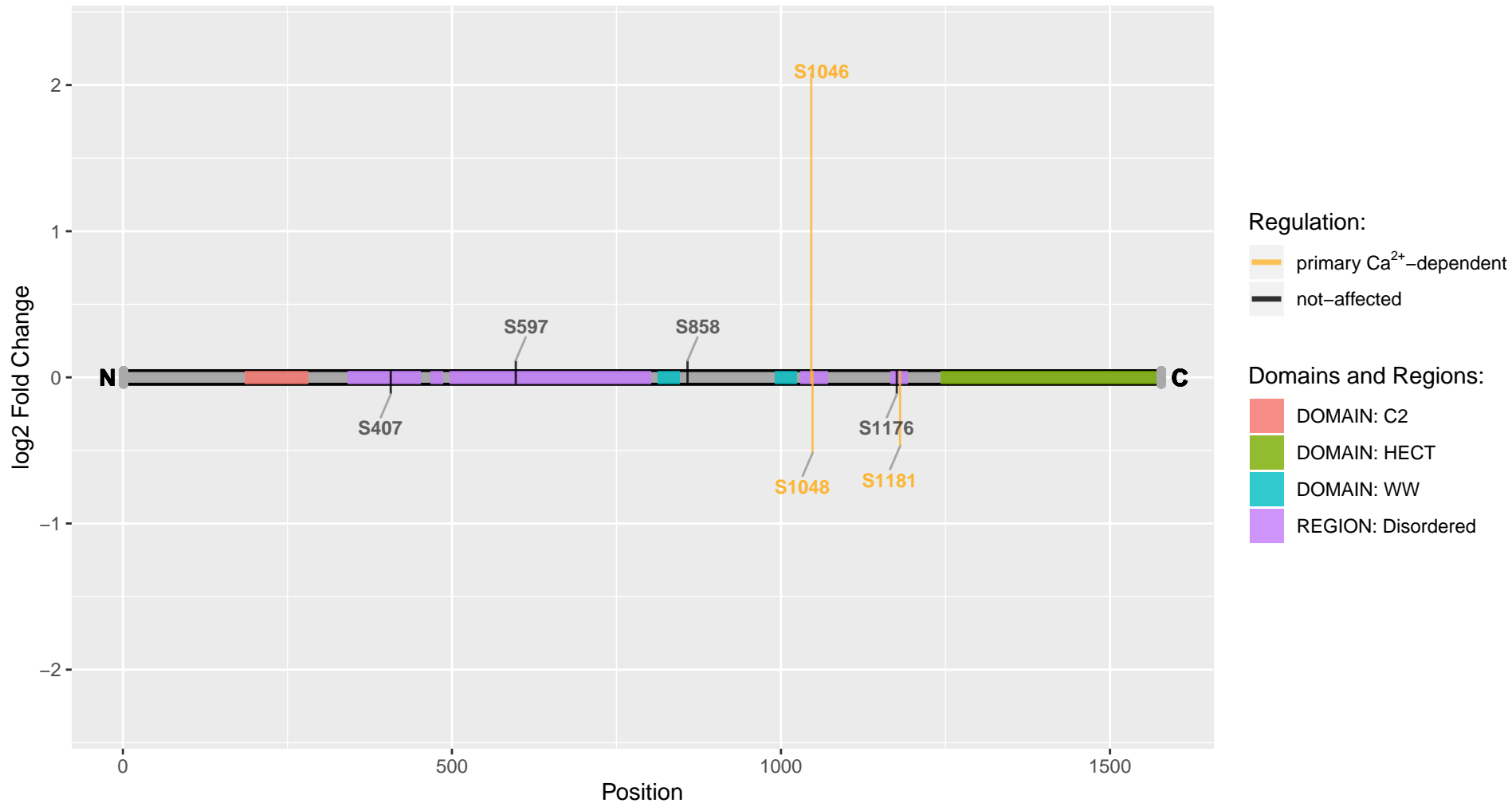
Histone deacetylase 6



Hecw2

Uniprot Accession: D4ADD3

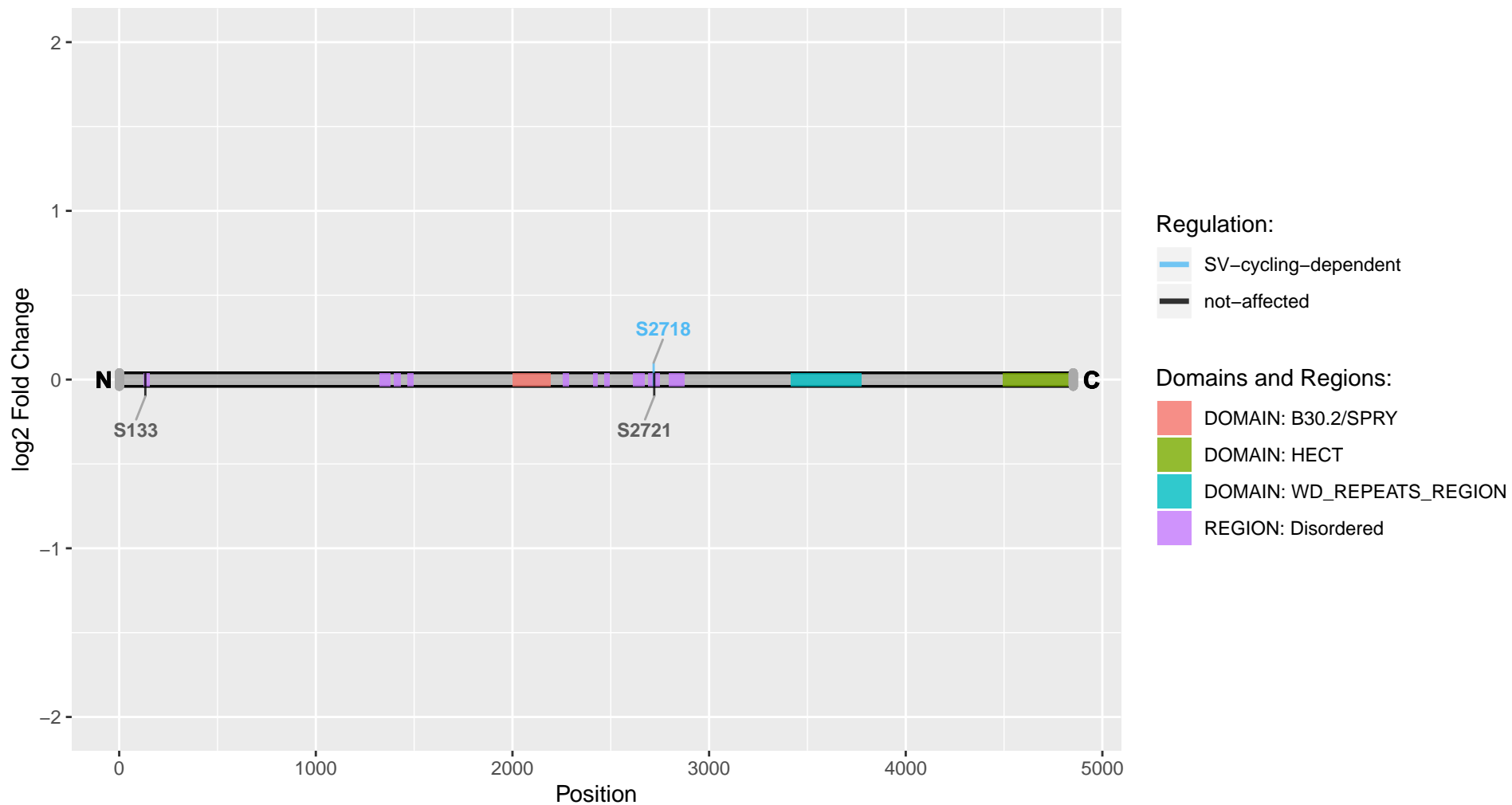
HECT, C2 and WW domain-containing E3 ubiquitin protein ligase 2



Herc1

Uniprot Accession: A0A0G2JTT6

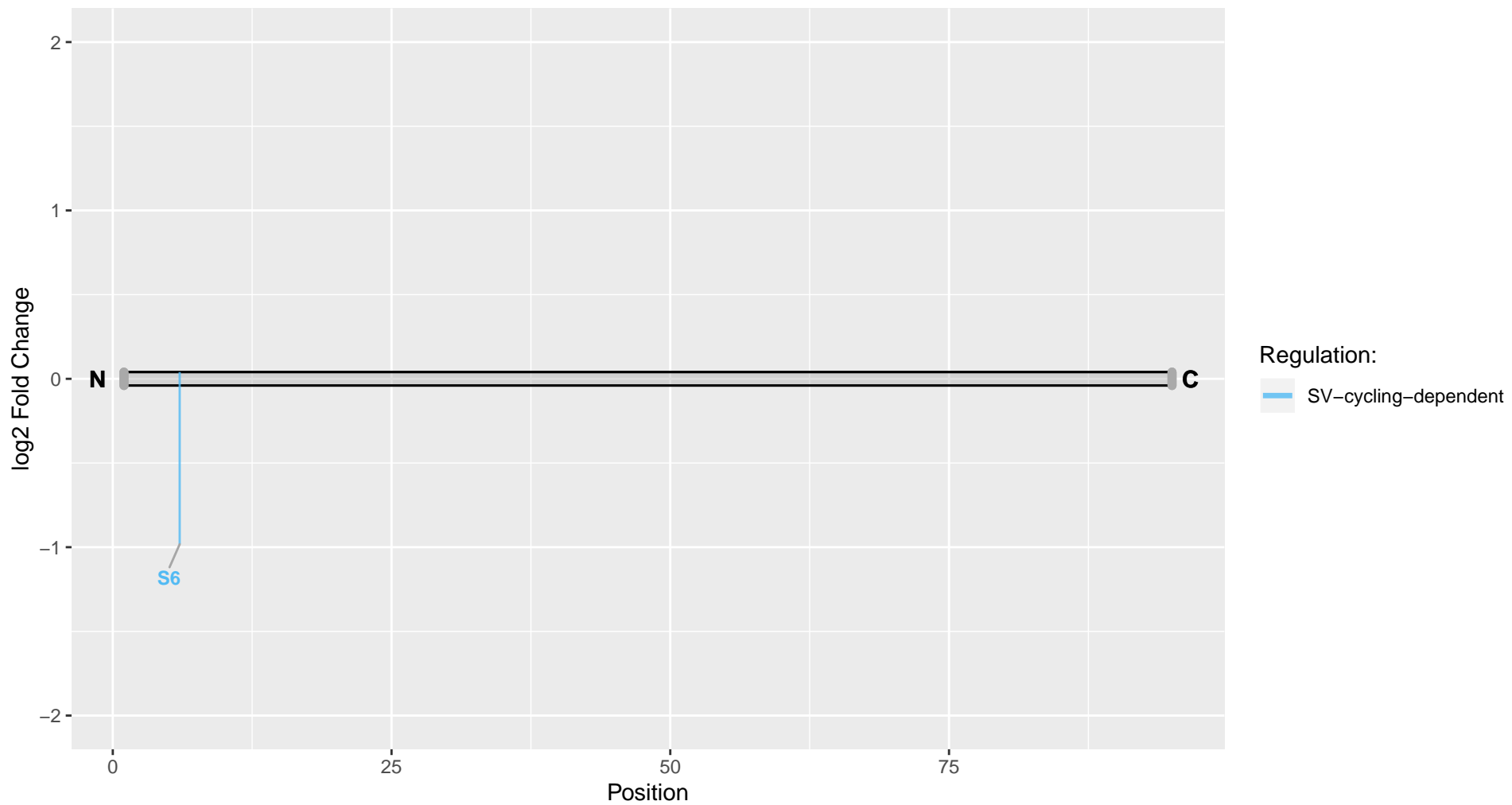
HECT and RLD domain-containing E3 ubiquitin protein ligase family member 1



Hmgn3

Uniprot Accession: Q66H40

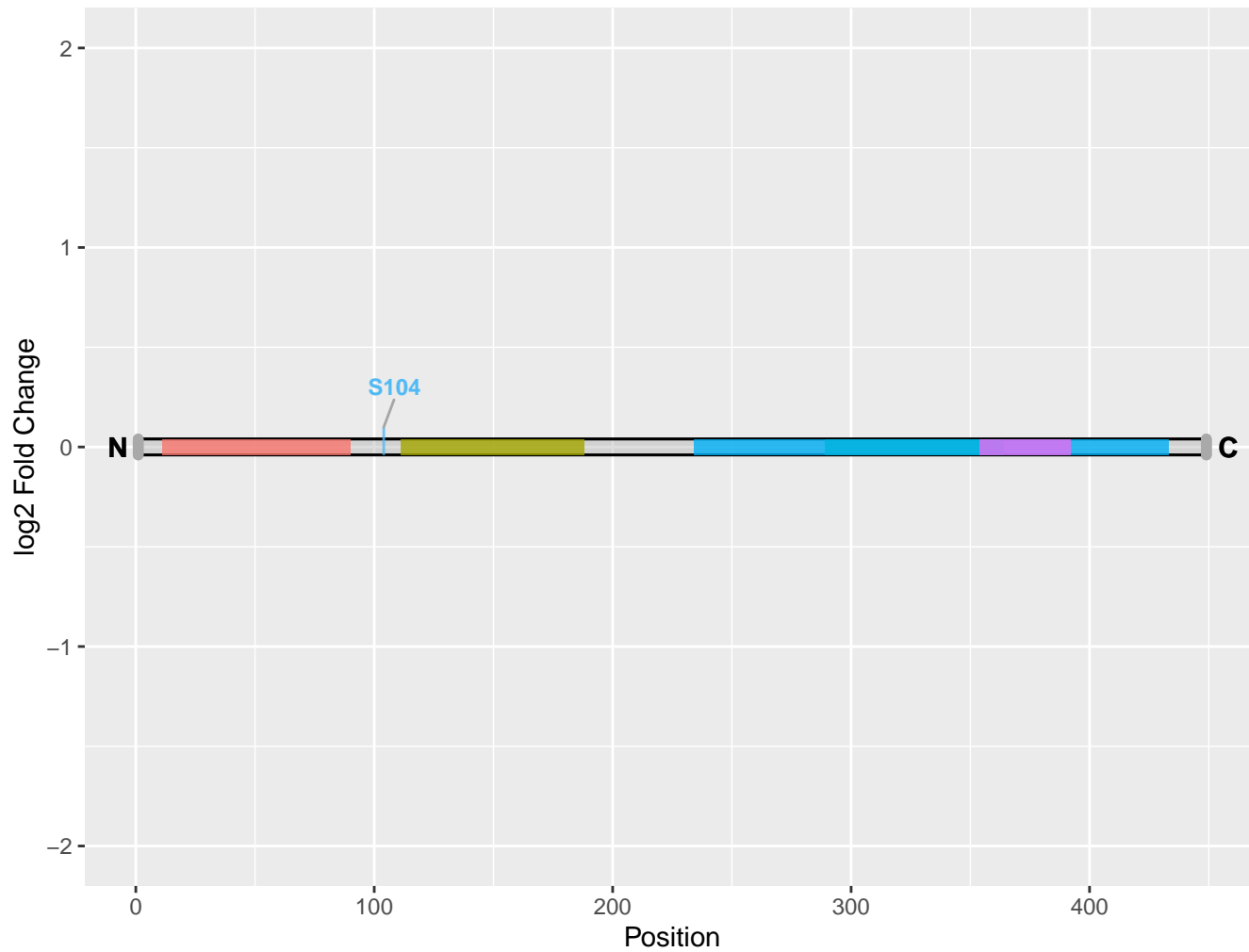
High mobility group nucleosome-binding domain-containing protein 3



Hnrnp1

Uniprot Accession: Q8VHV7

Heterogeneous nuclear ribonucleoprotein H



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: RRM 1

DOMAIN: RRM 2

DOMAIN: RRM 3

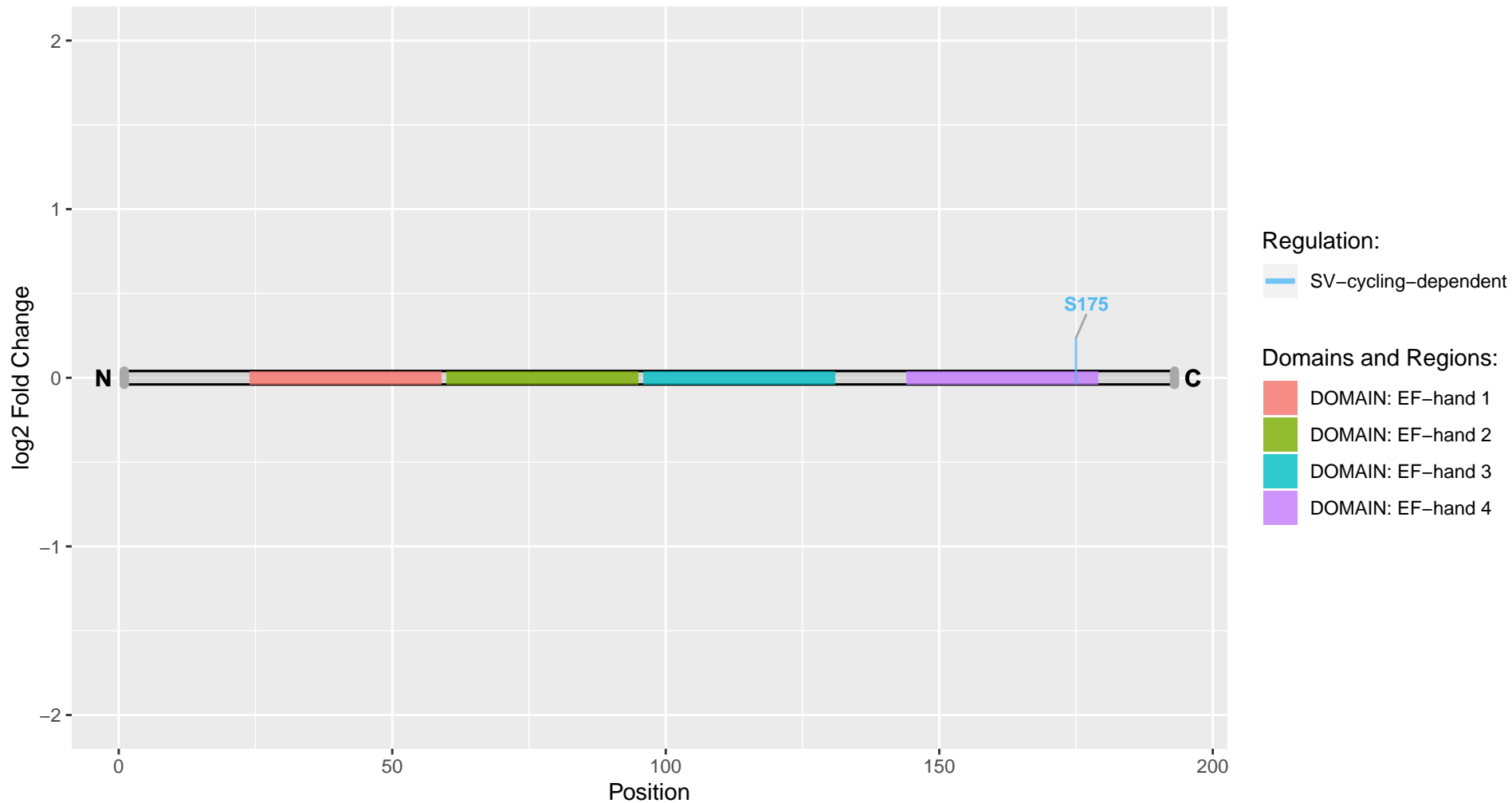
REGION: 2 X 16 AA Gly-rich approximate repeats

REGION: 2 X 19 AA perfect repeats

Hpca

Uniprot Accession: P84076

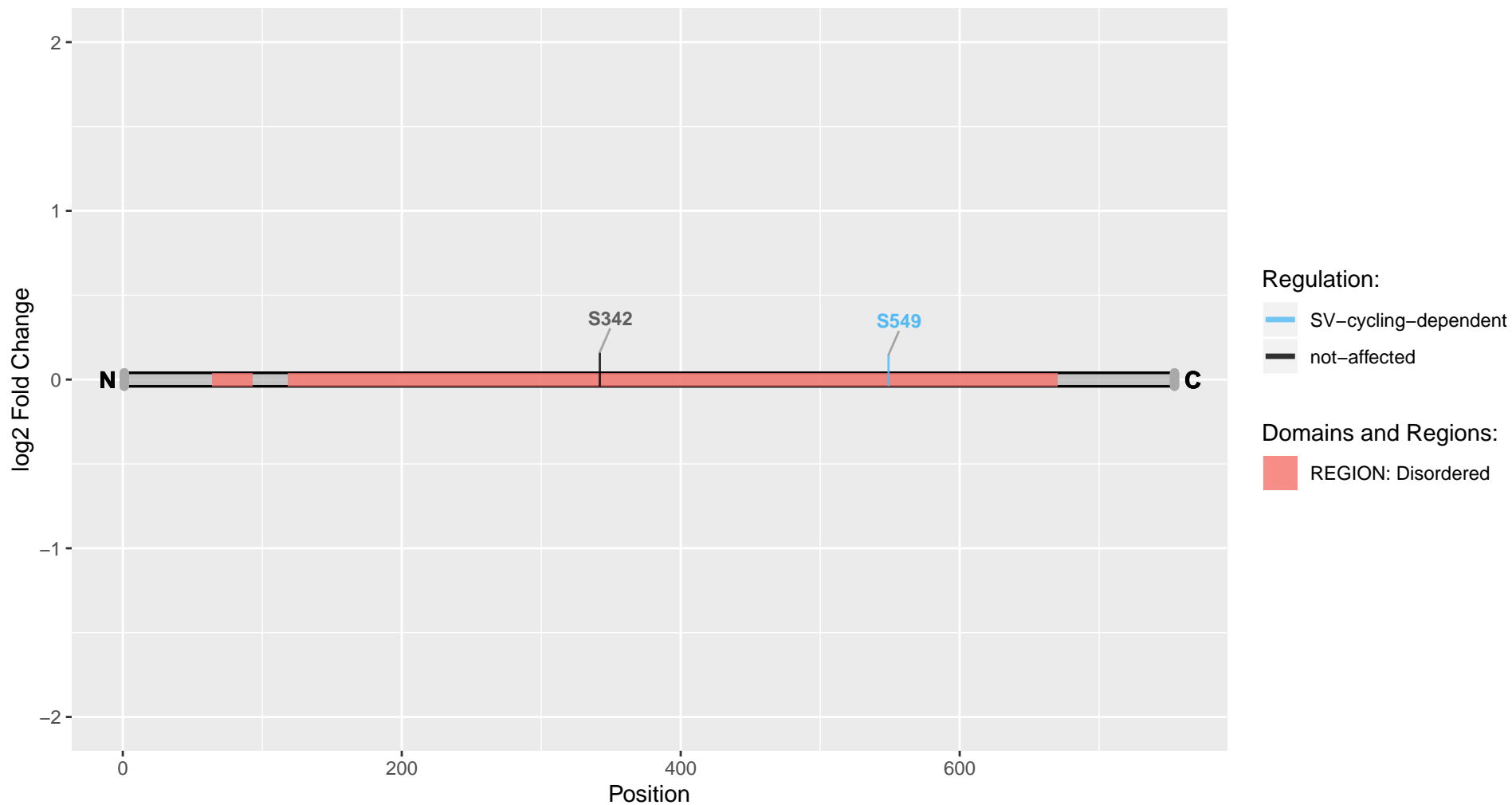
Neuron-specific calcium-binding protein hippocalcin



Hrc

Uniprot Accession: G3V8S6

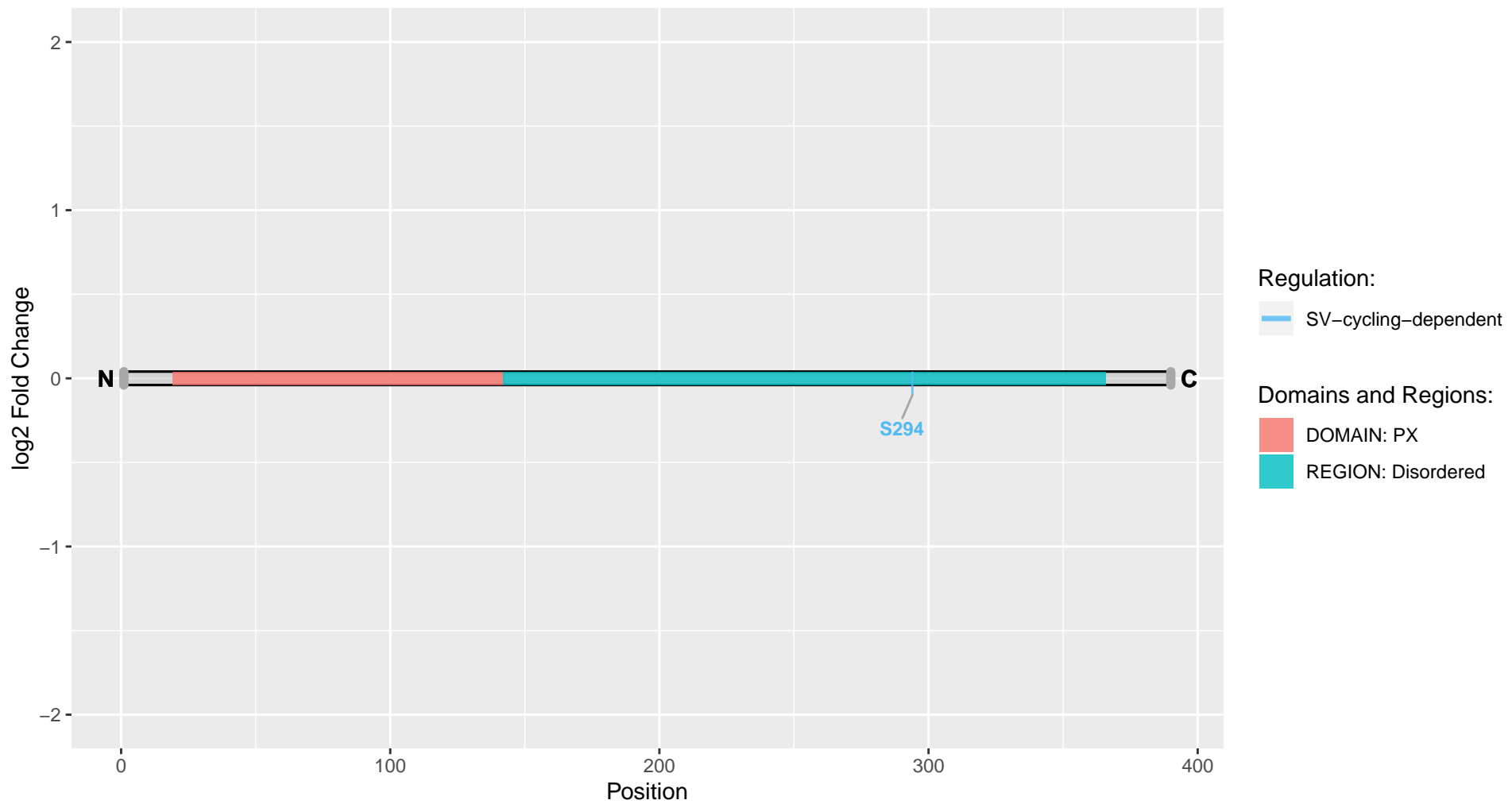
Histidine rich calcium binding protein, isoform CRA_b



Hs1bp3

Uniprot Accession: D4A6D9

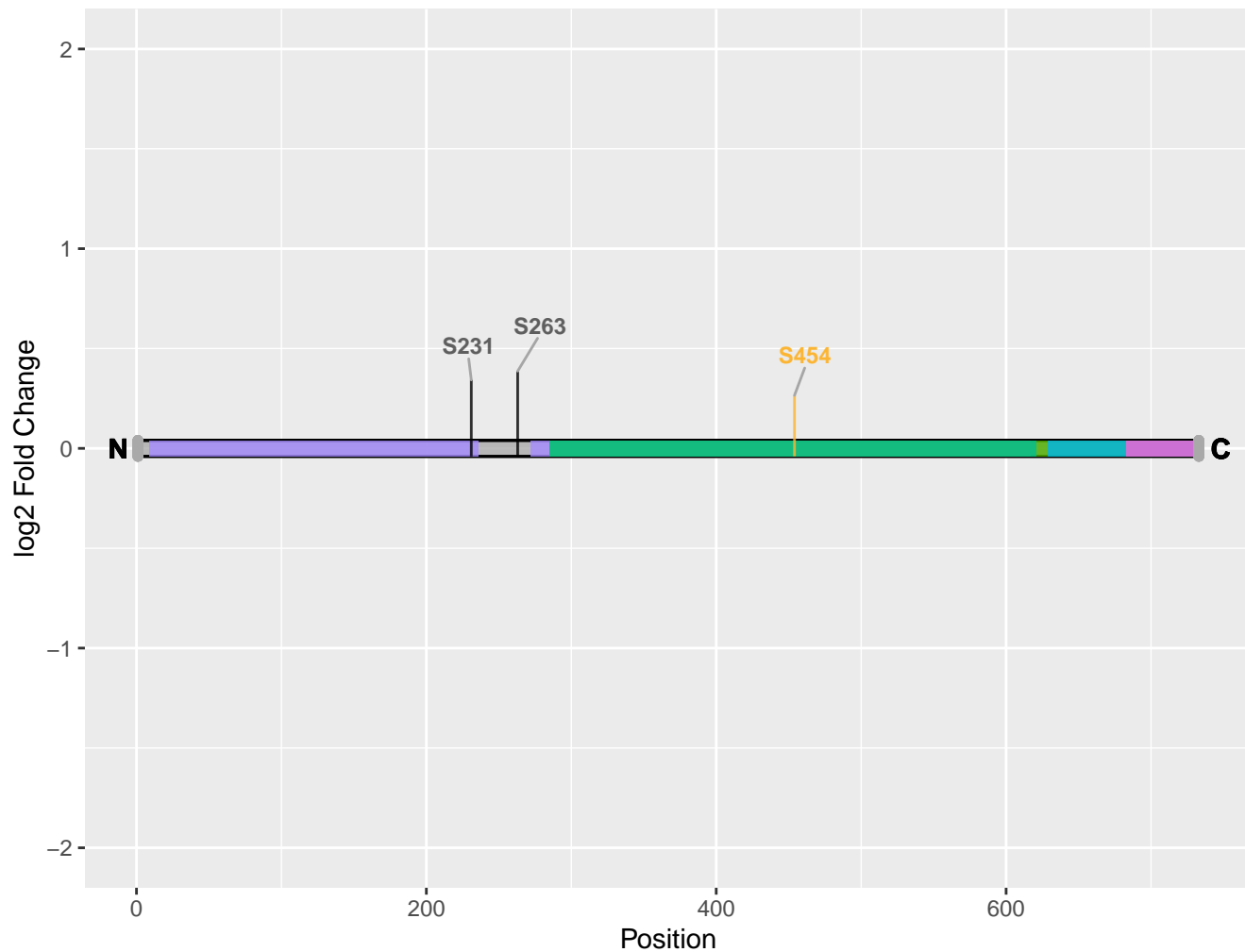
HCLS1-binding protein 3



Hsp90aa1

Uniprot Accession: P82995

Heat shock protein HSP 90- α



Regulation:

- primary Ca²⁺-dependent
- not-affected

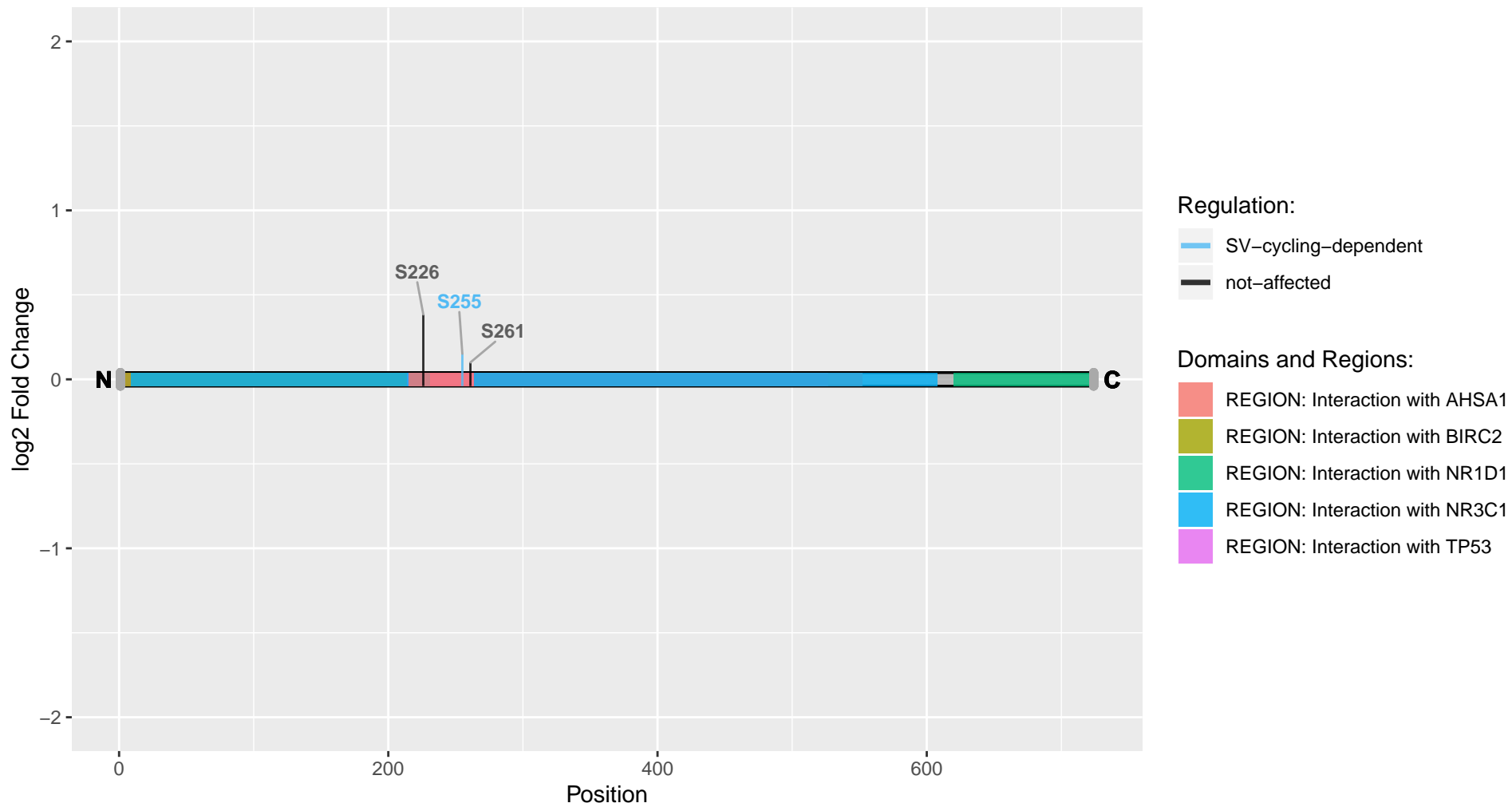
Domains and Regions:

- 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

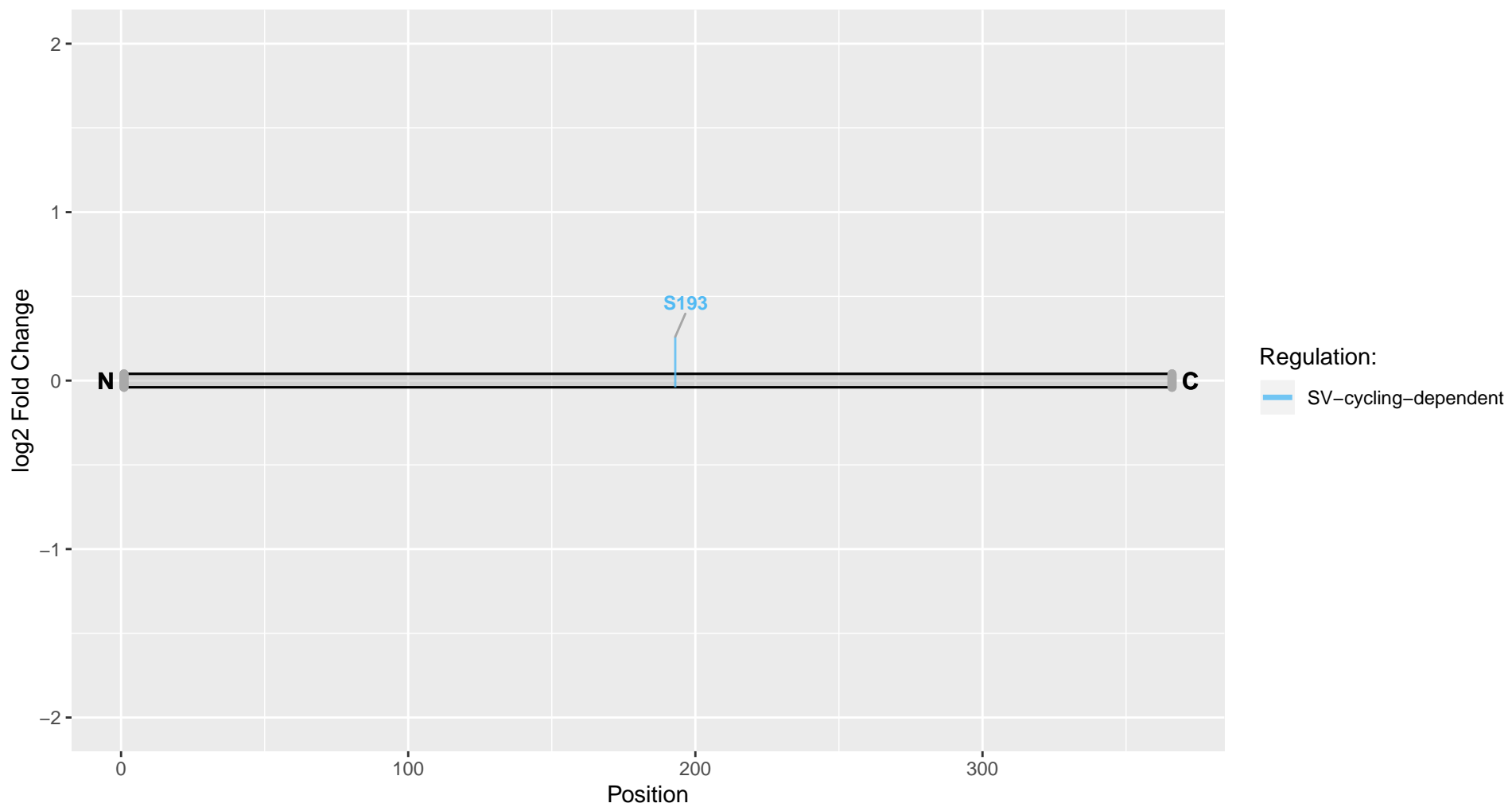
Heat shock protein HSP 90-beta



Idh3a

Uniprot Accession: Q99NA5

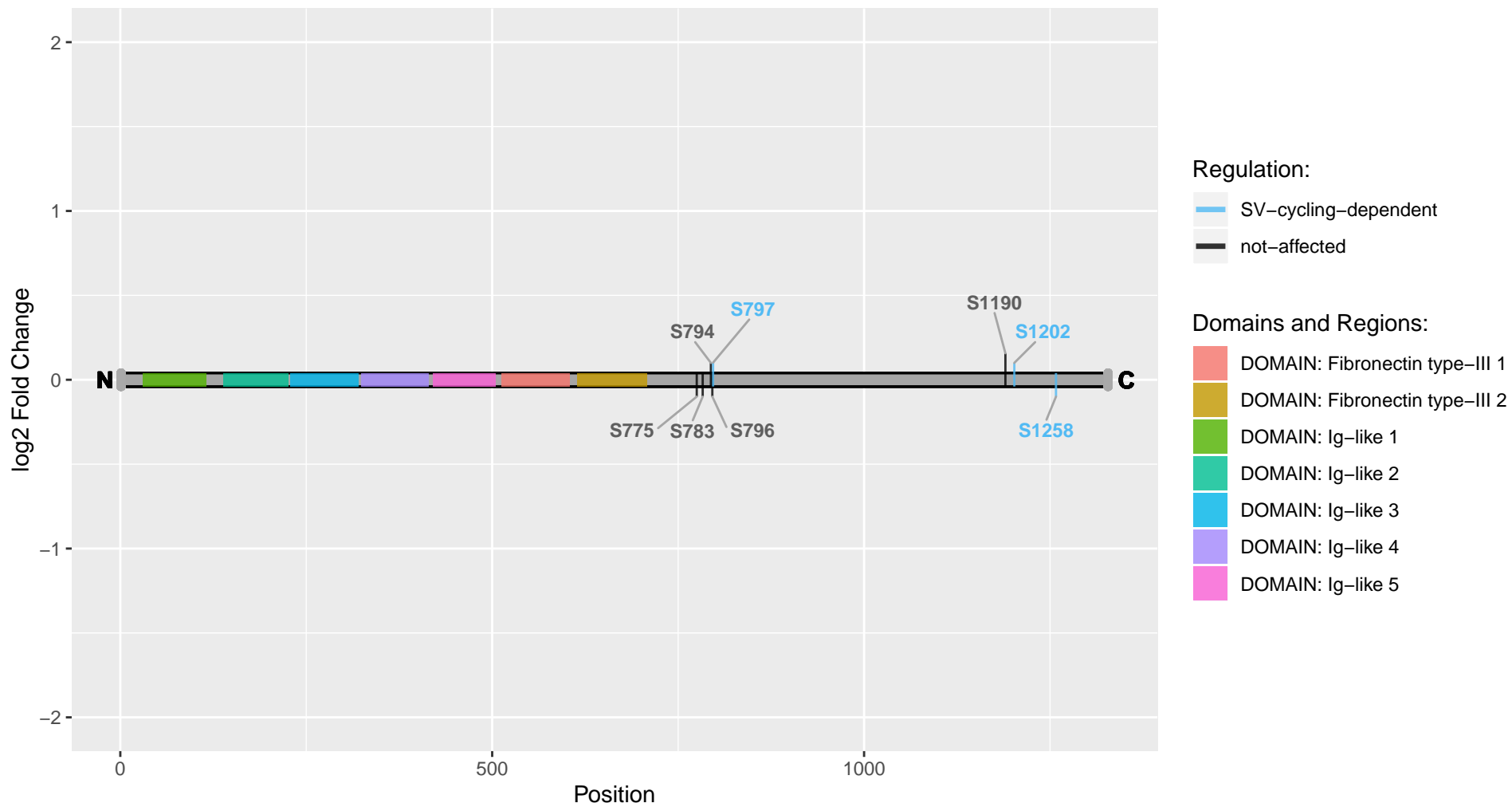
Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial



Igsf9b

Uniprot Accession: D3ZB51

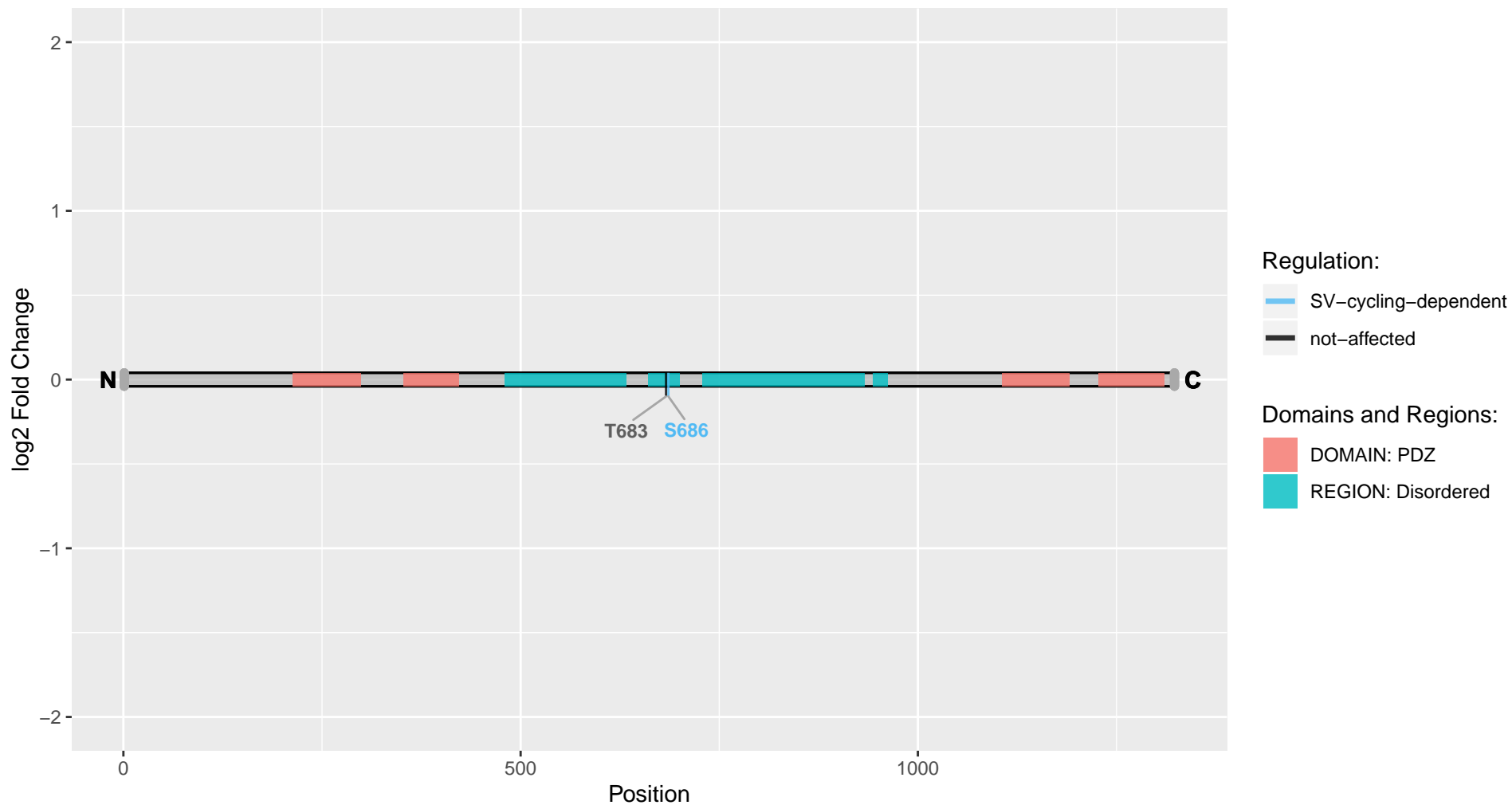
Protein turtle homolog B



IL16

Uniprot Accession: D4A4I9

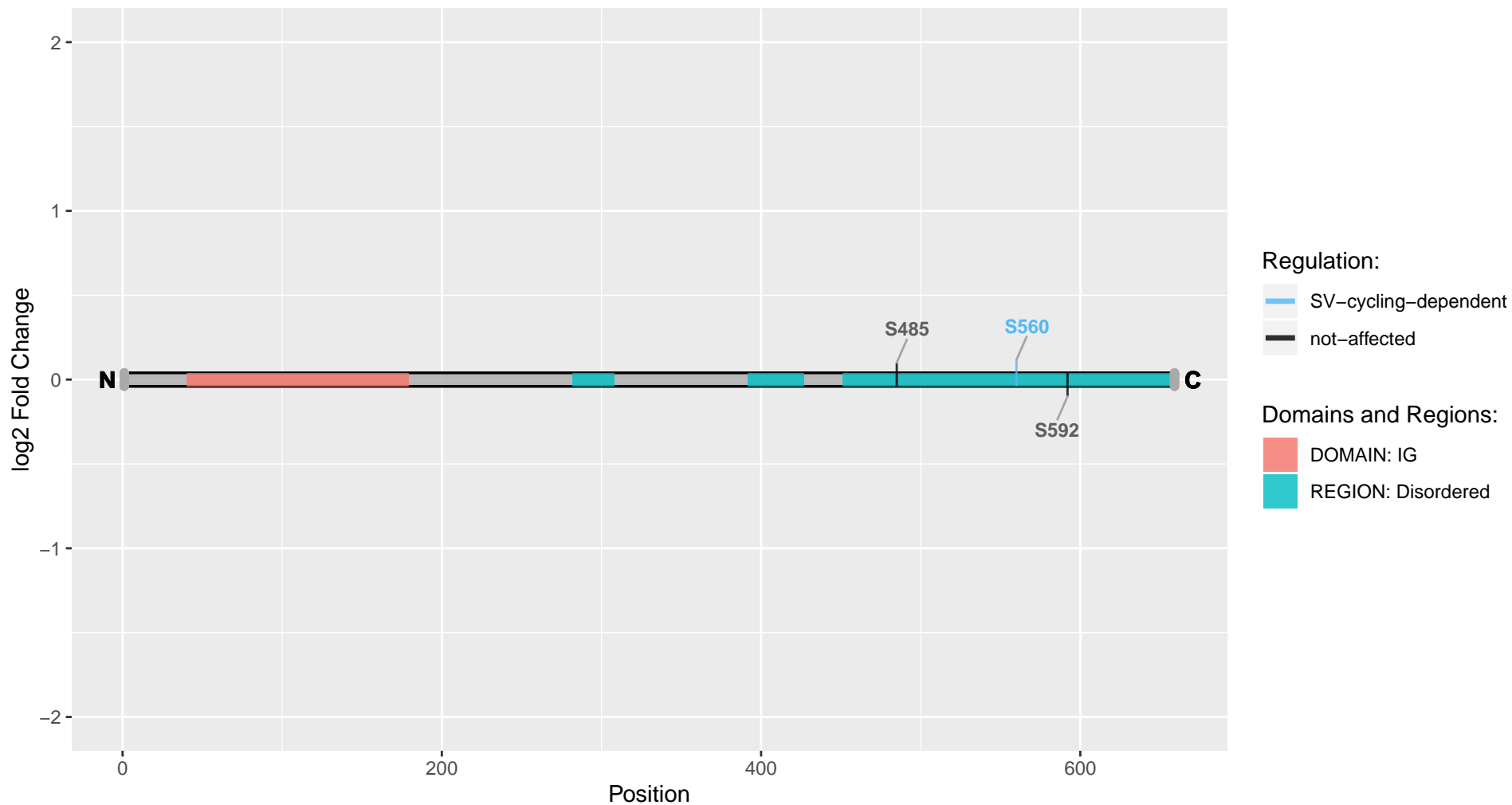
Pro-interleukin-16



Ildr2

Uniprot Accession: D3ZGJ1

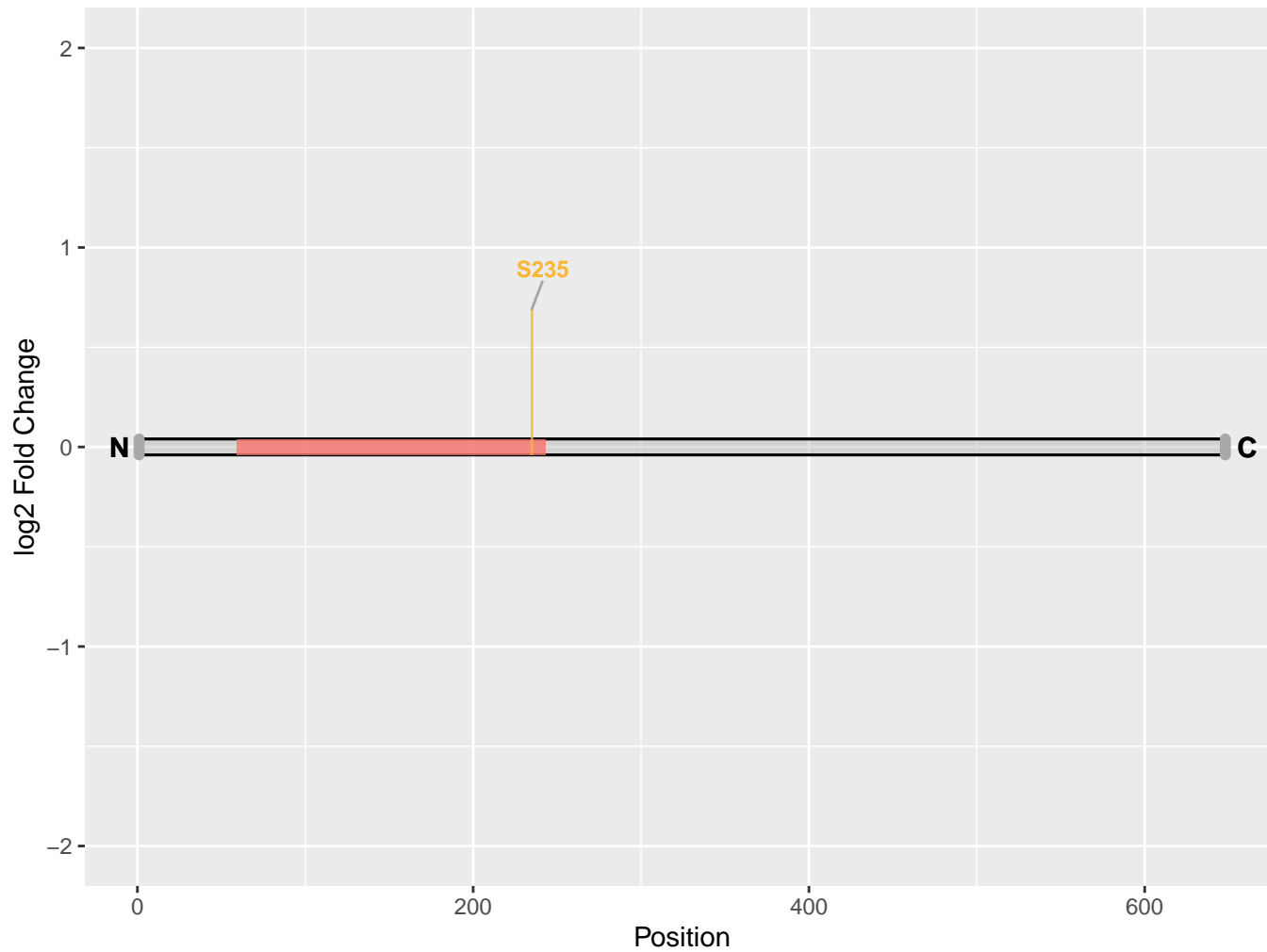
Immunoglobulin-like domain-containing receptor 2



Inpp5e

Uniprot Accession: Q9WVR1


72 kDa inositol polyphosphate 5-phosphatase



Regulation:

 primary Ca²⁺-dependent

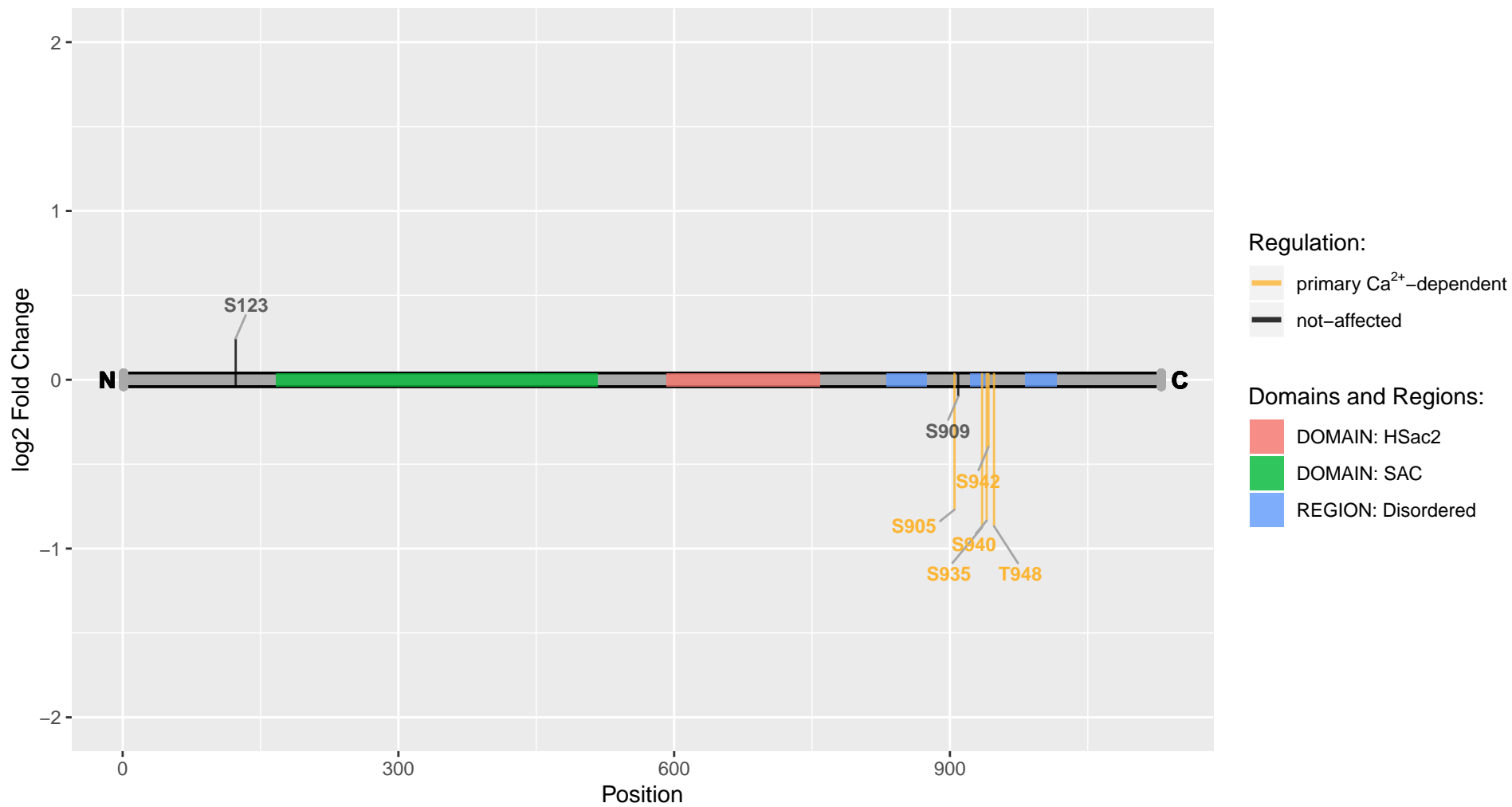
Domains and Regions:

 REGION: 4 X 4 AA repeats of P-X-X-P

Inpp5f

Uniprot Accession: D3ZKG7

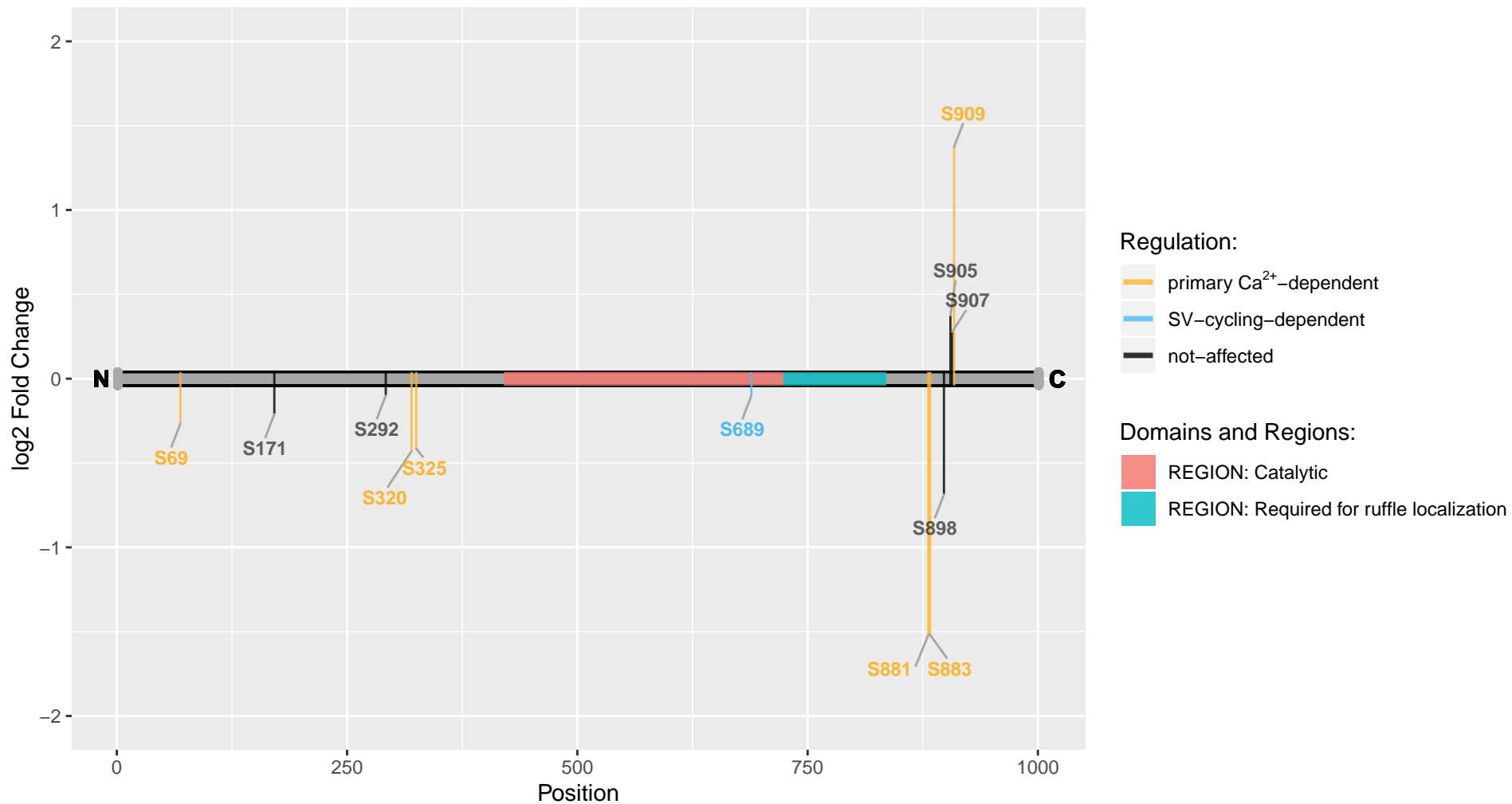
Inositol polyphosphate-5-phosphatase F



Inpp5j

Uniprot Accession: Q9JMC1

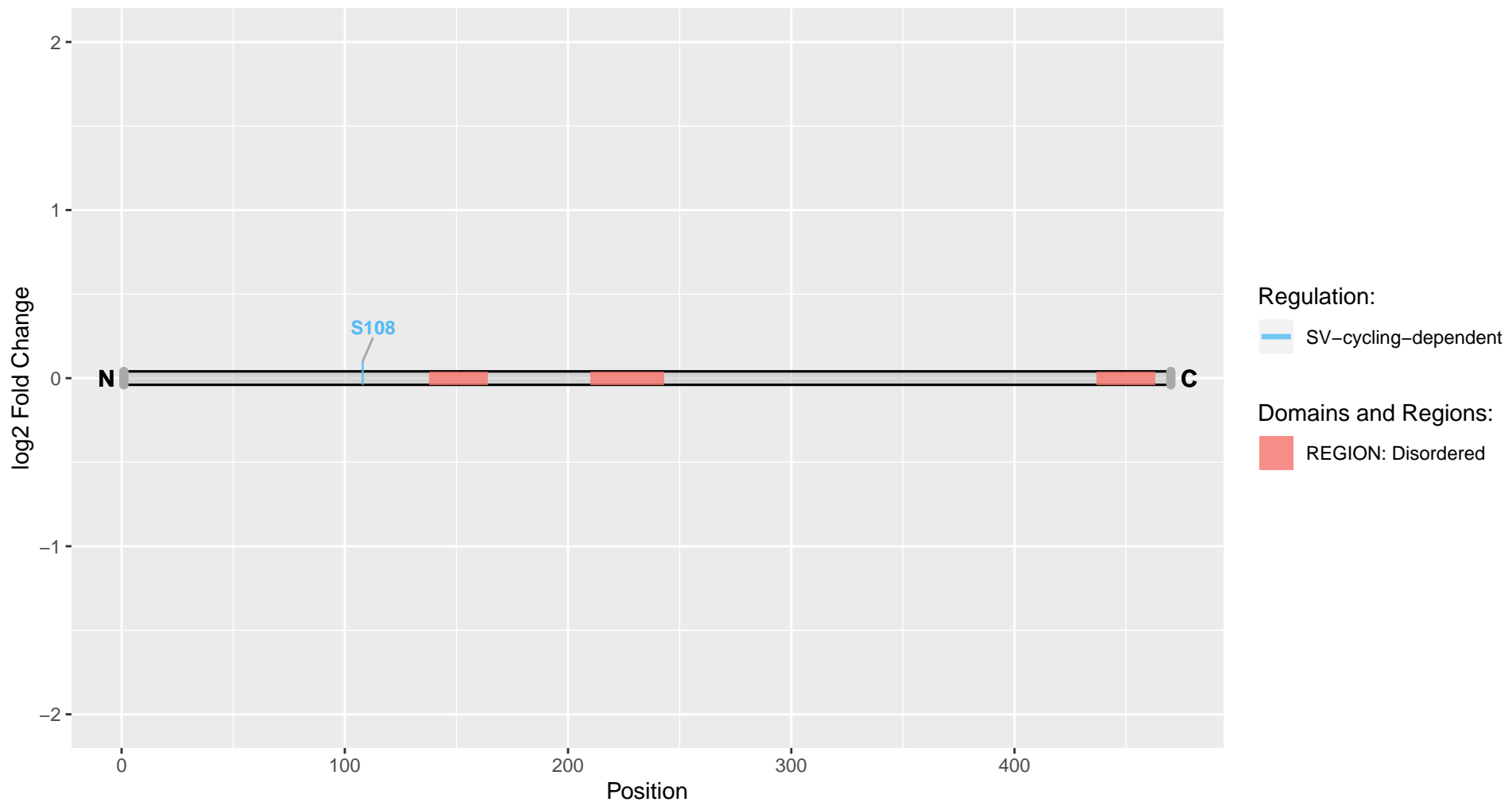
Phosphatidylinositol 4,5-bisphosphate 5-phosphatase A



Insyn2

Uniprot Accession: D4A4J1

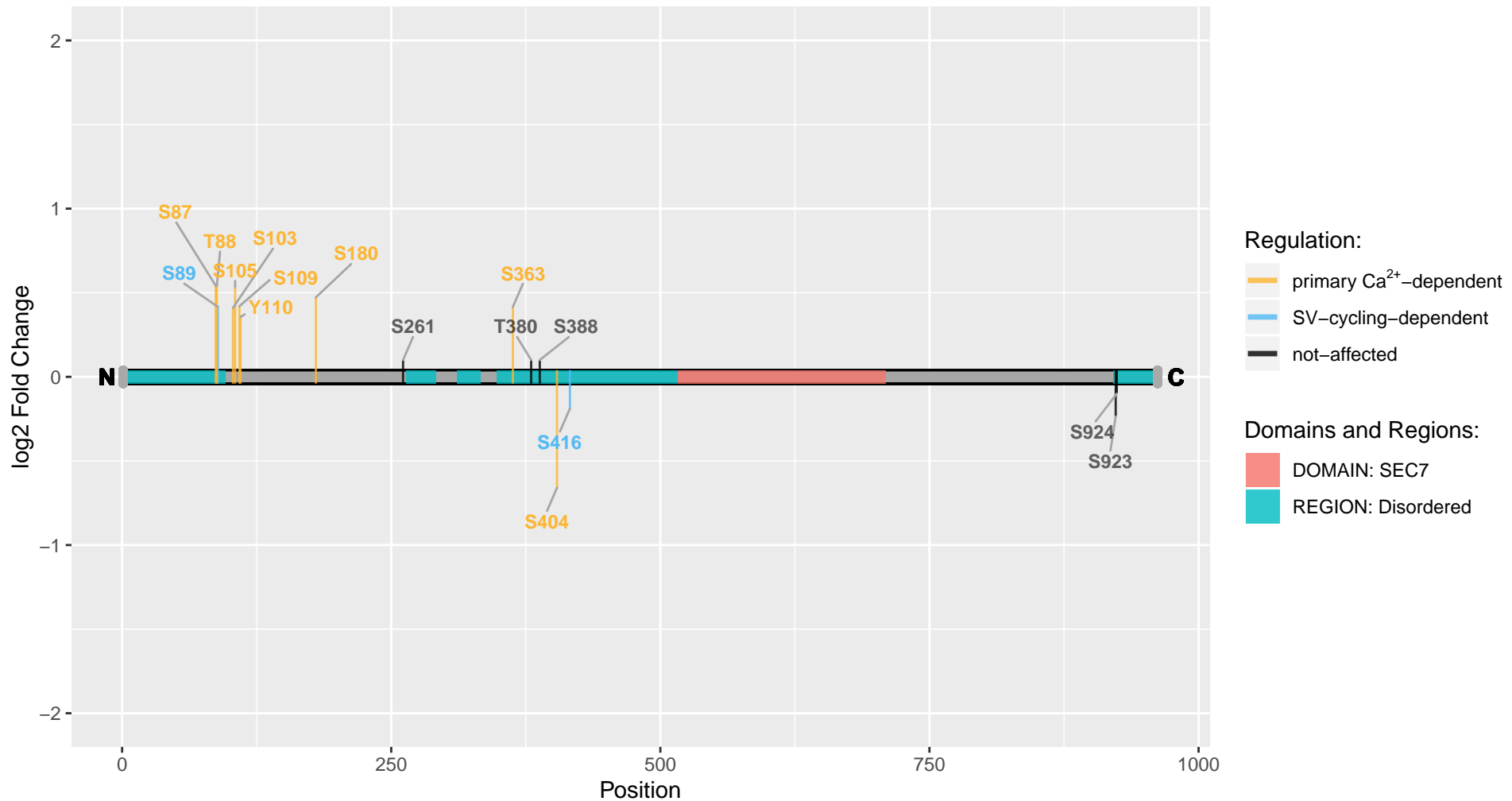
Inhibitory synaptic factor 2A



Iqsec1

Uniprot Accession: A0A0G2JUG7

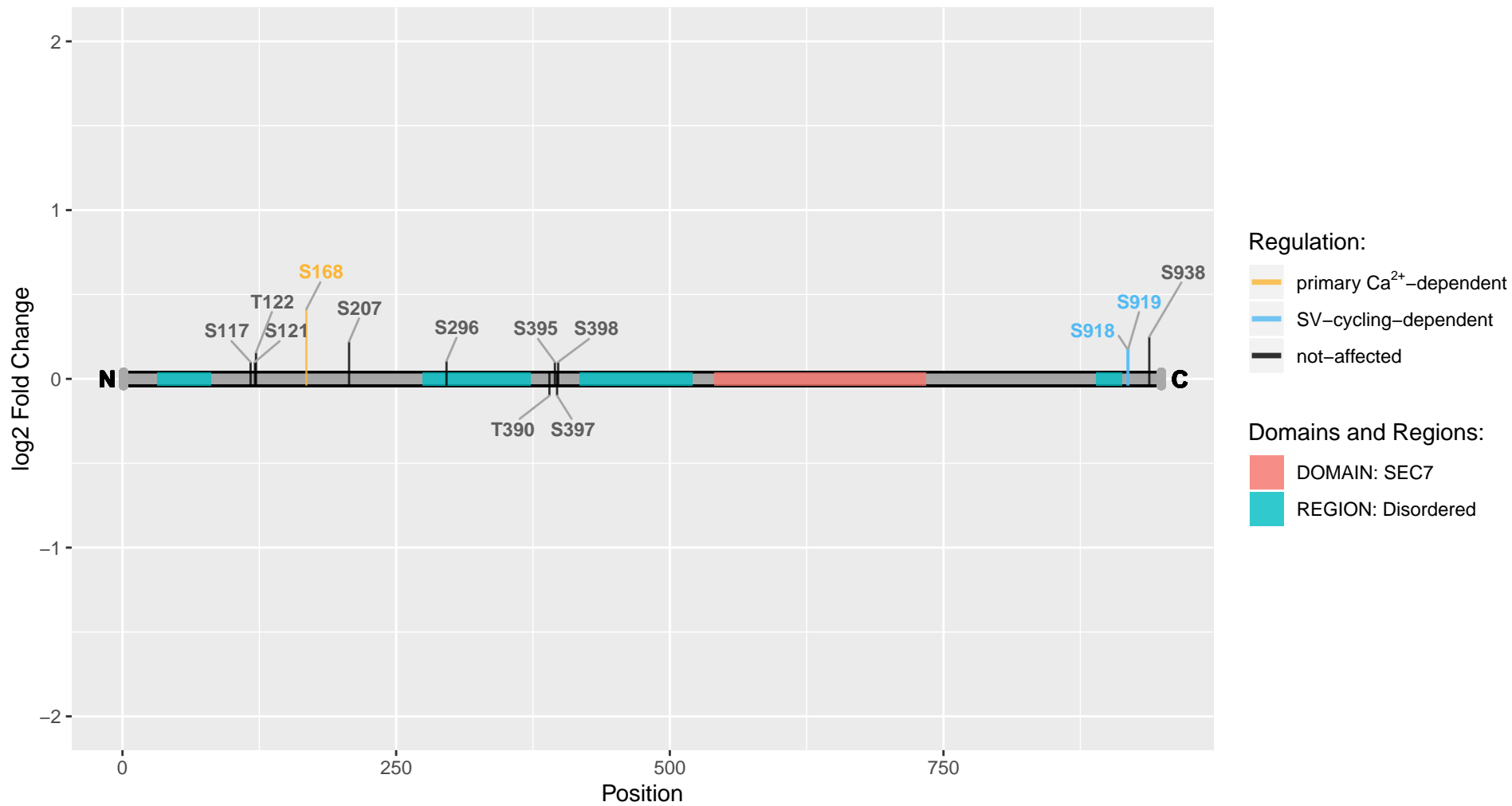
IQ motif and Sec7 domain 1



Iqsec2

Uniprot Accession: A0A0G2JZX5

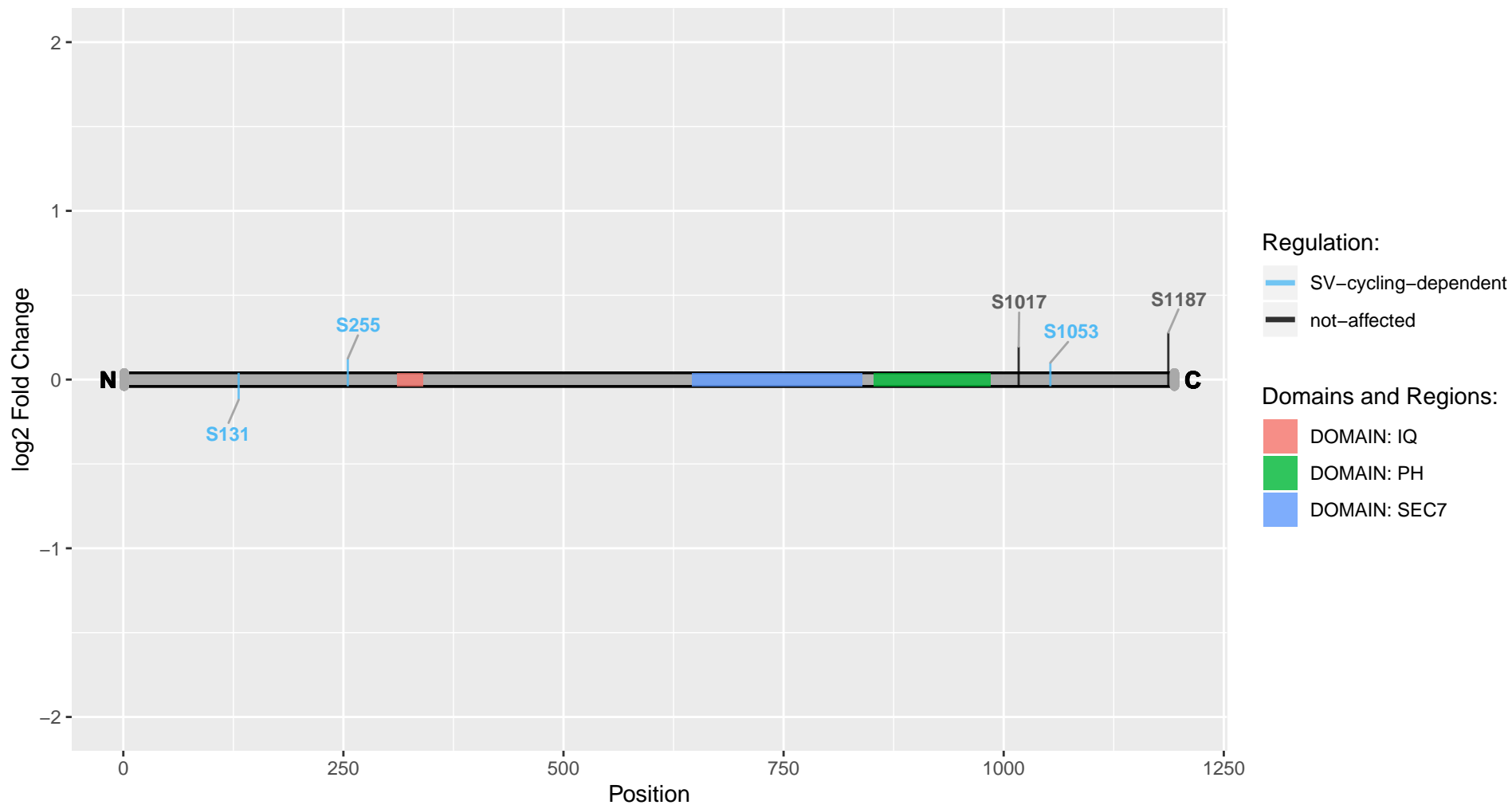
IQ motif and Sec7 domain 2



Iqsec3

Uniprot Accession: Q76M68

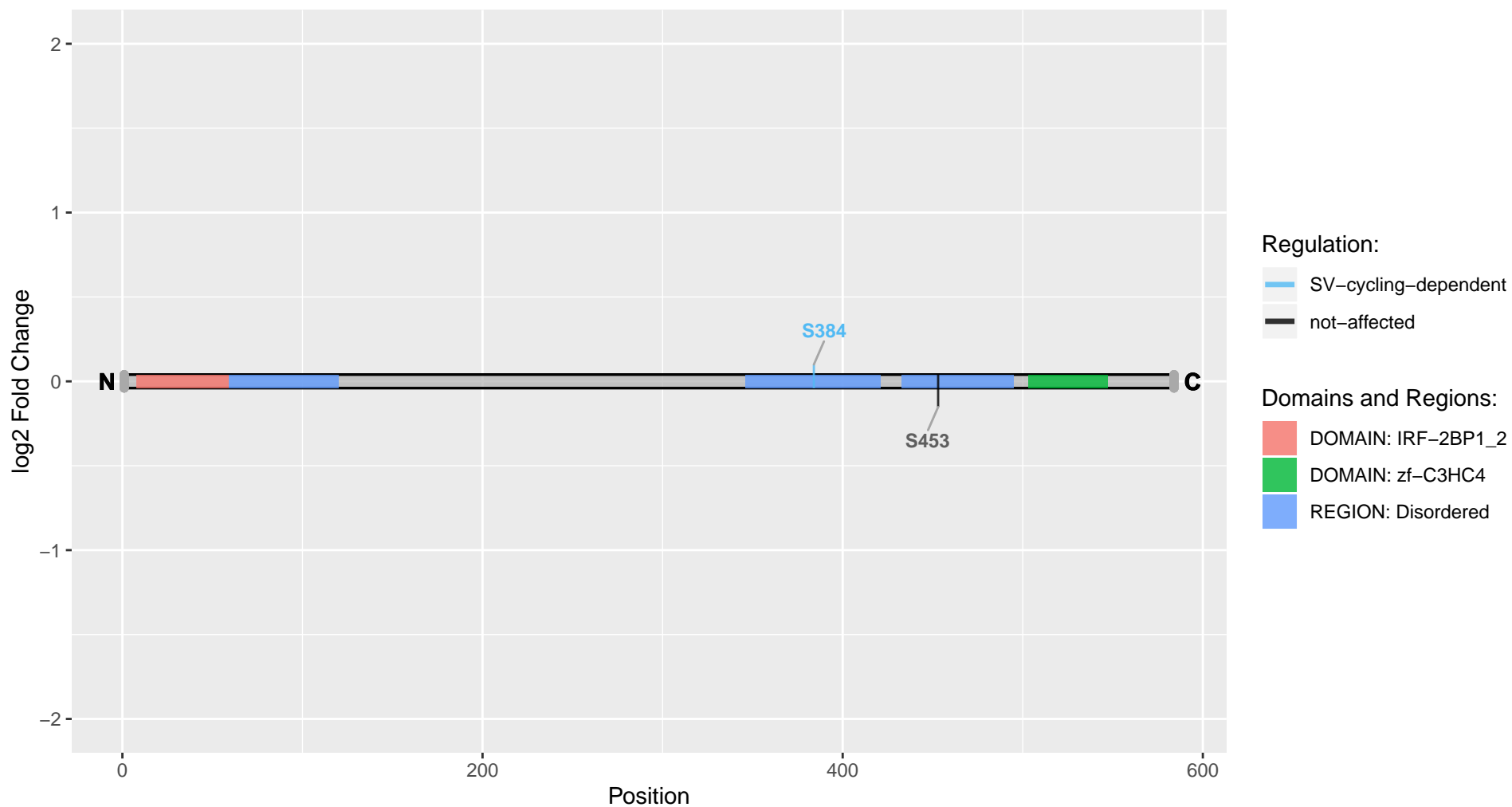
IQ motif and SEC7 domain-containing protein 3



Irf2bp1

Uniprot Accession: D4AAZ8

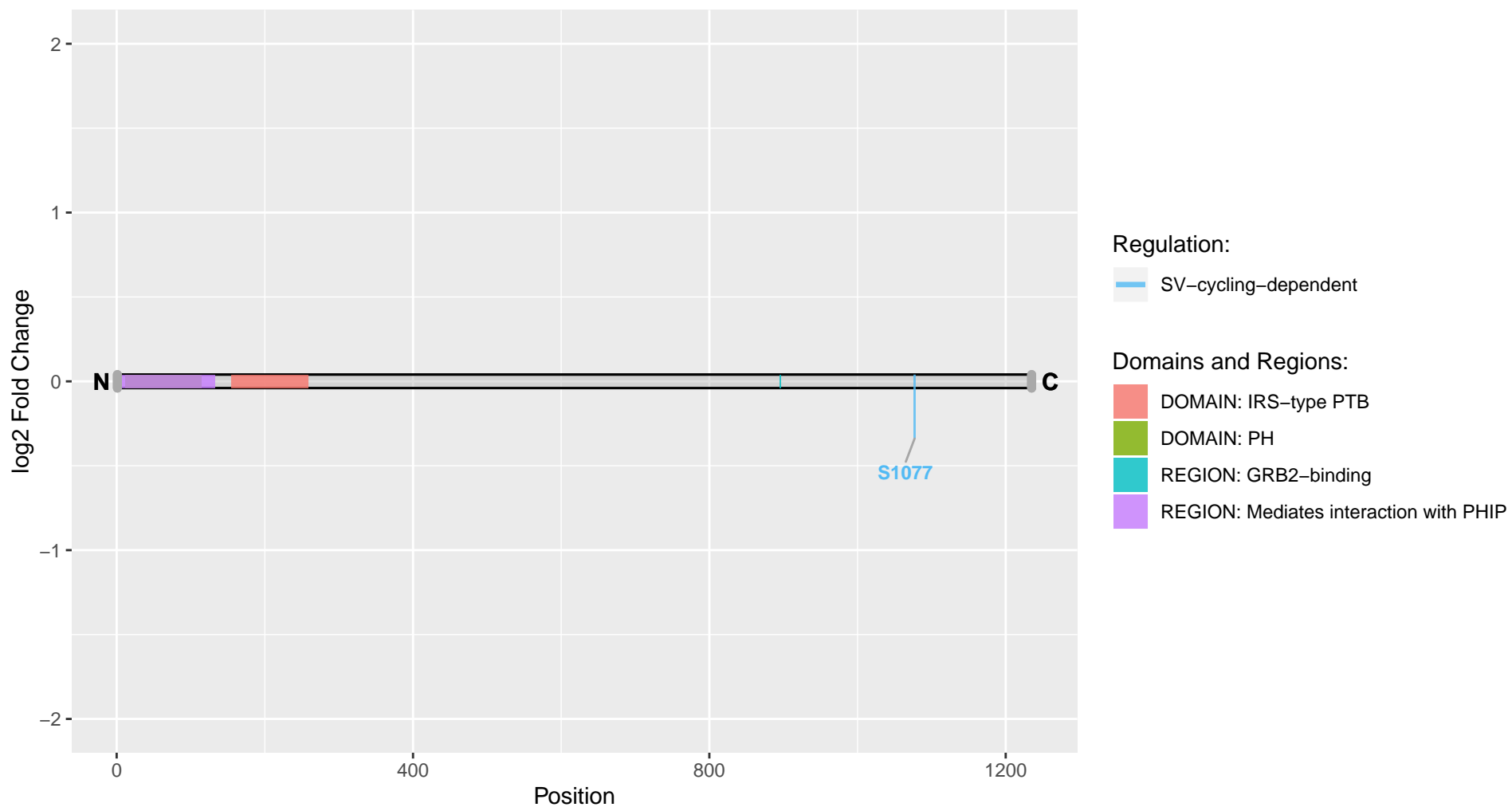
Interferon regulatory factor 2 binding protein 1 (Predicted)



Irs1

Uniprot Accession: P35570

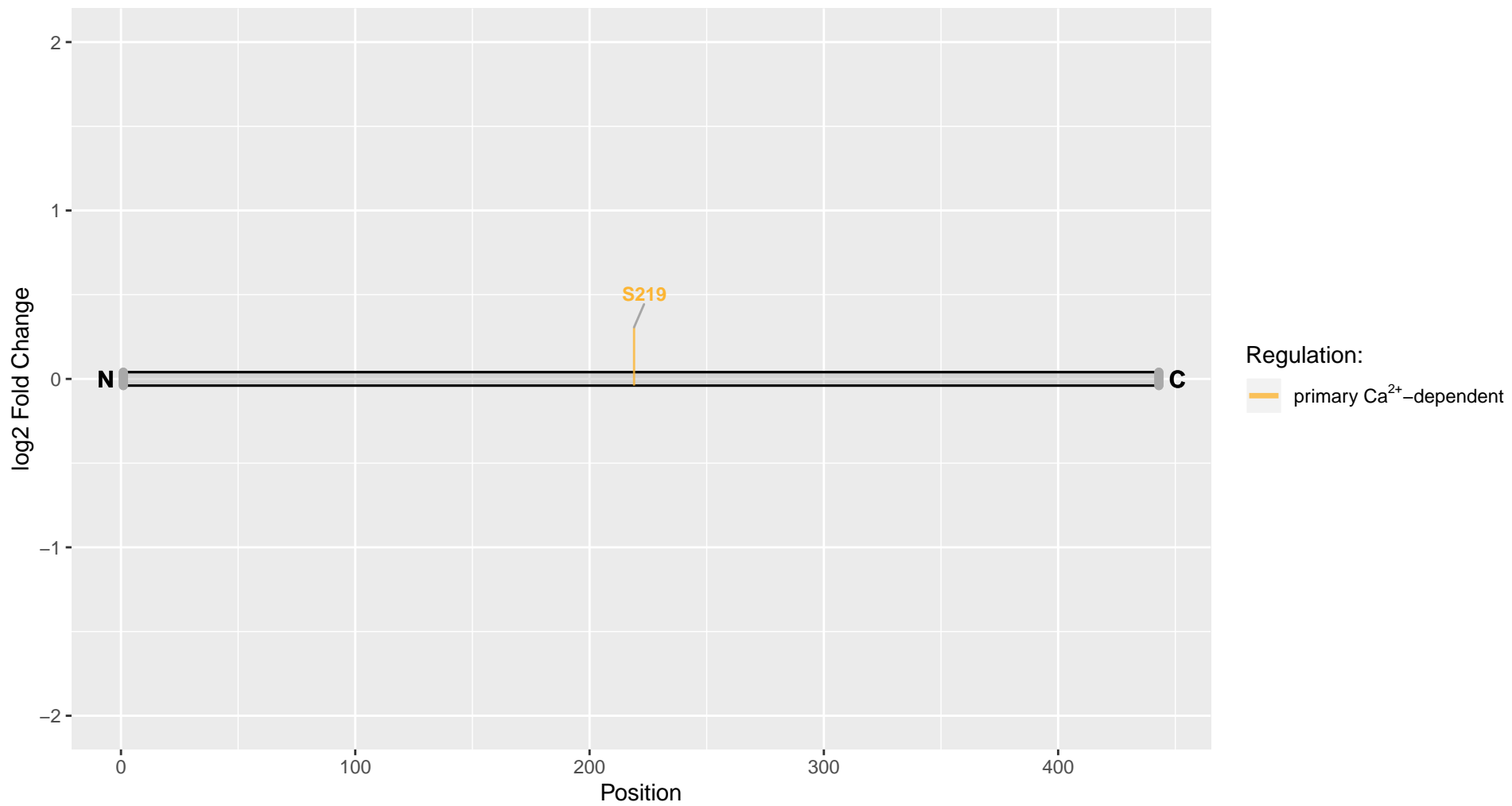
Insulin receptor substrate 1



Itfg2

Uniprot Accession: A0A0G2JZW3

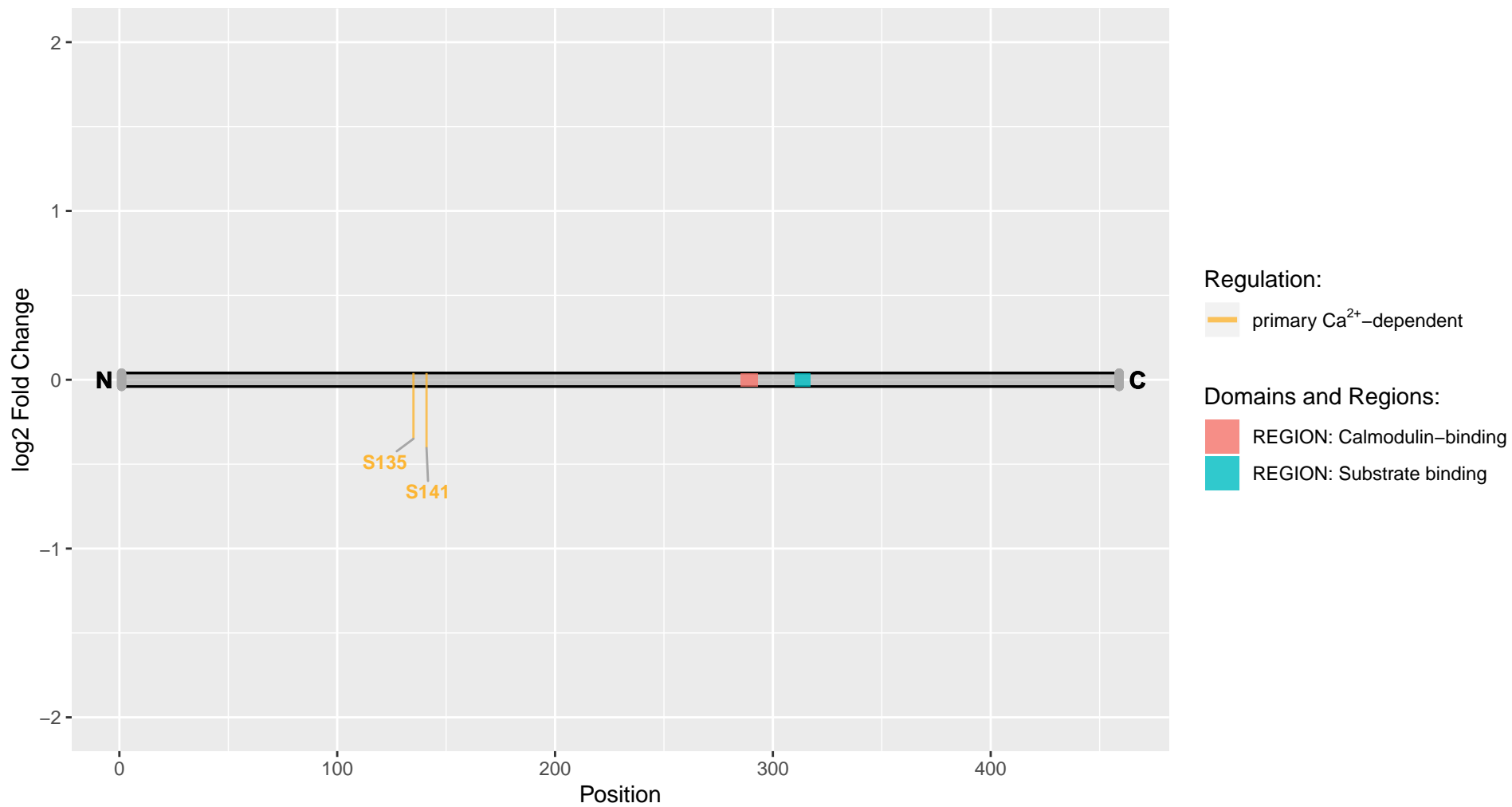
Integrin alpha FG-GAP repeat-containing 2



Itpka

Uniprot Accession: P17105

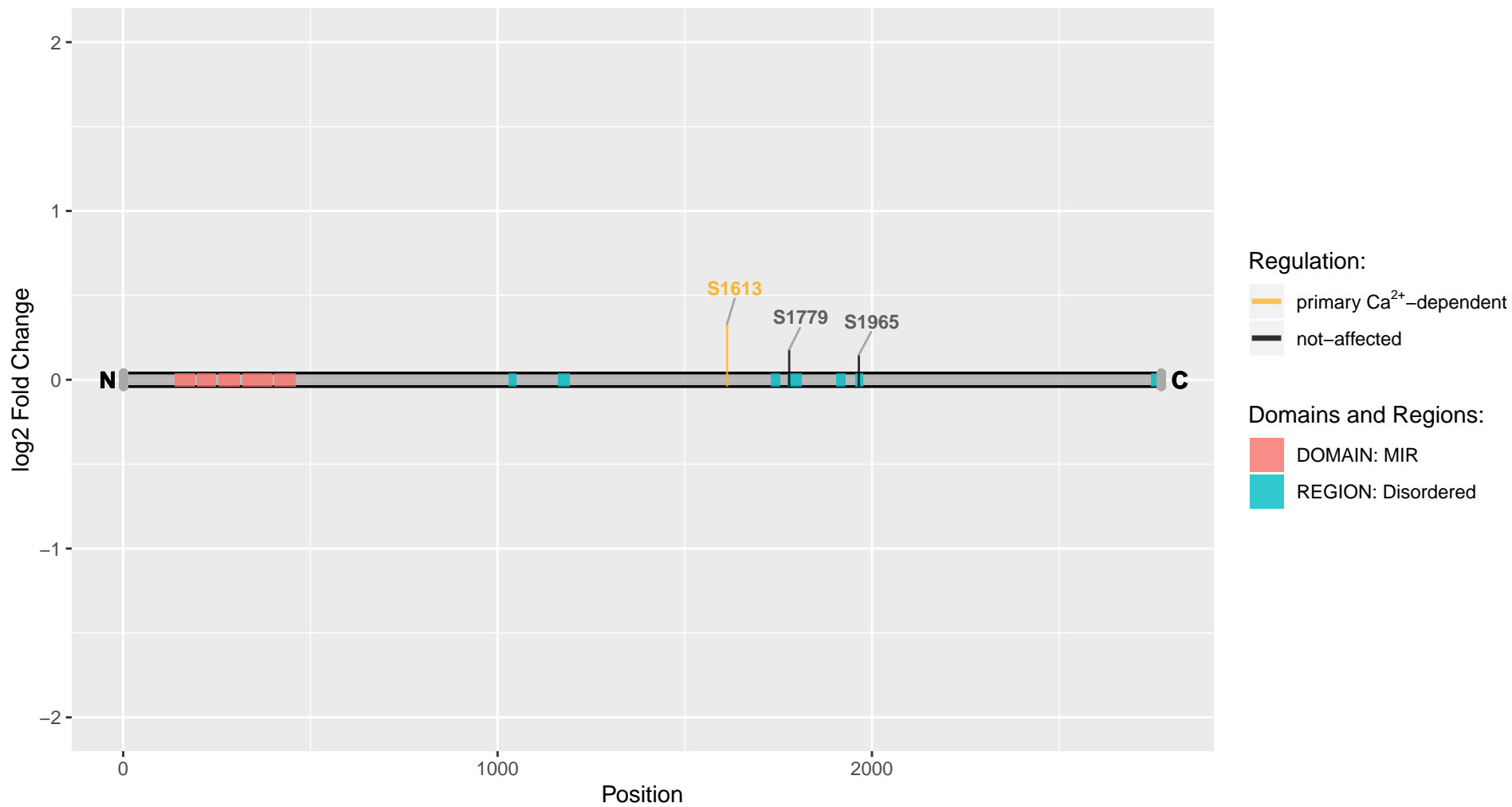
Inositol-trisphosphate 3-kinase A



Itpr1

Uniprot Accession: F1LNT1

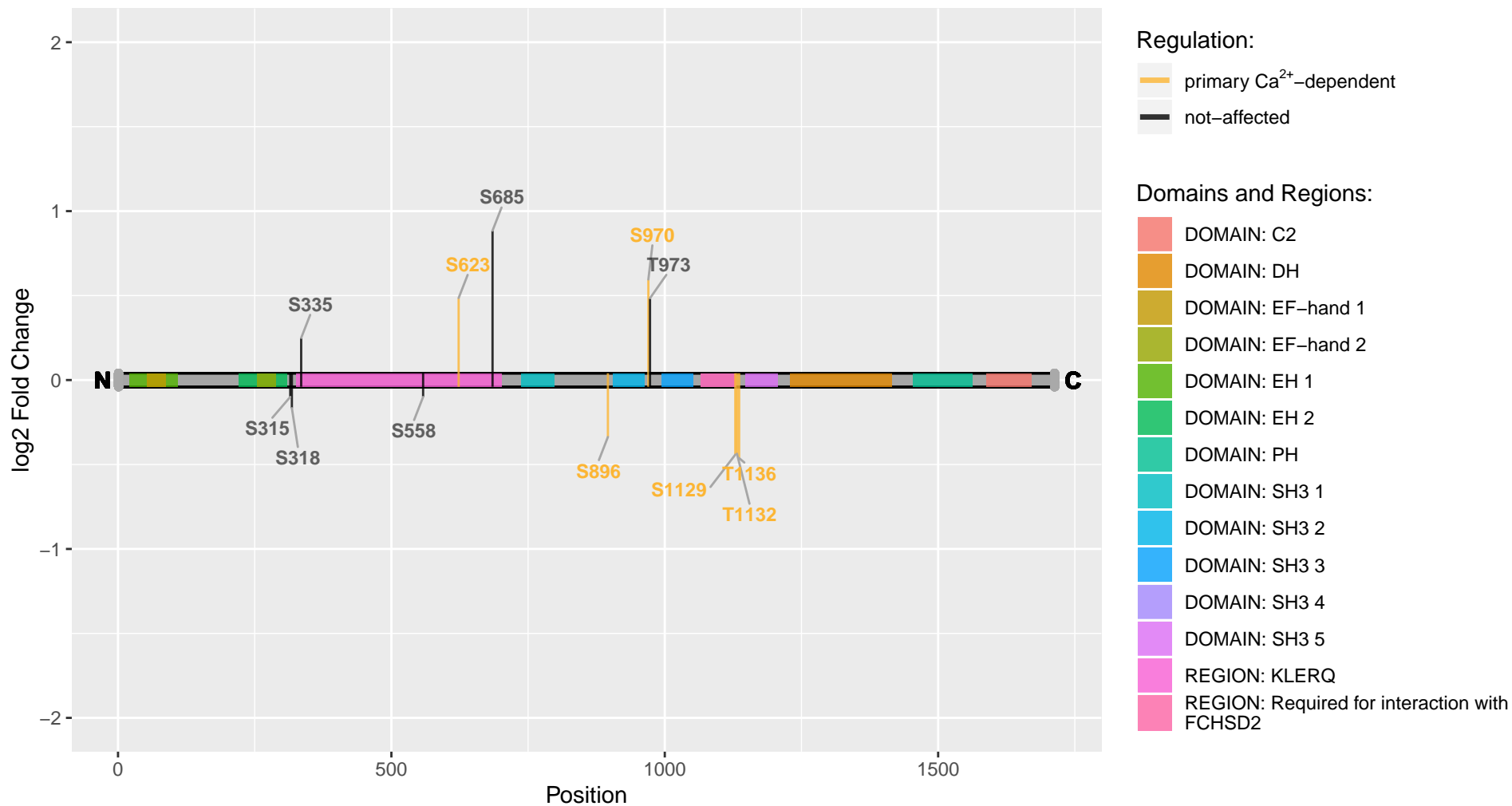
Inositol 1,4,5-trisphosphate receptor type 1



Itsn1

Uniprot Accession: Q9WVE9

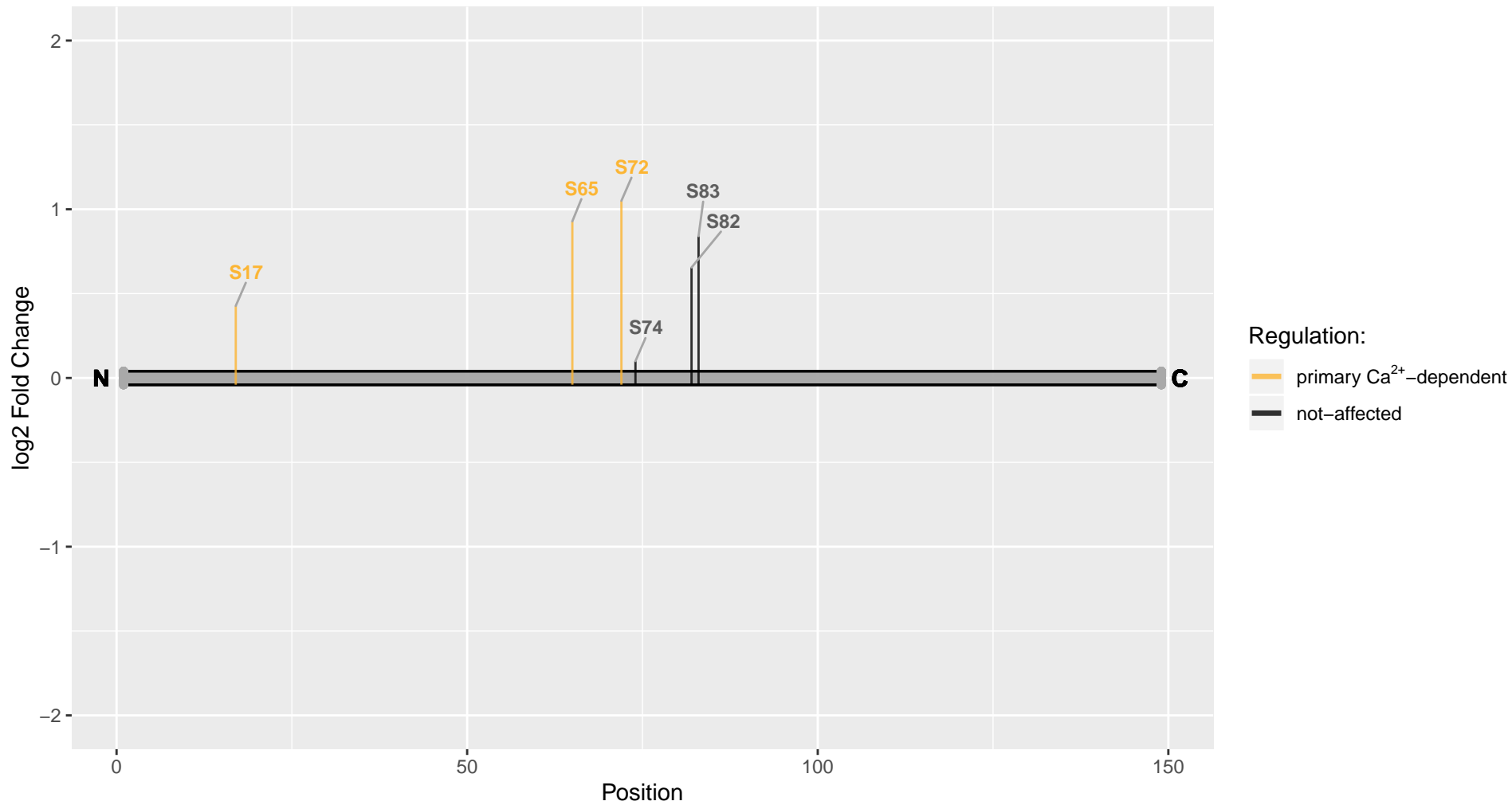
Intersectin-1



JPT1

Uniprot Accession: Q6AXU6

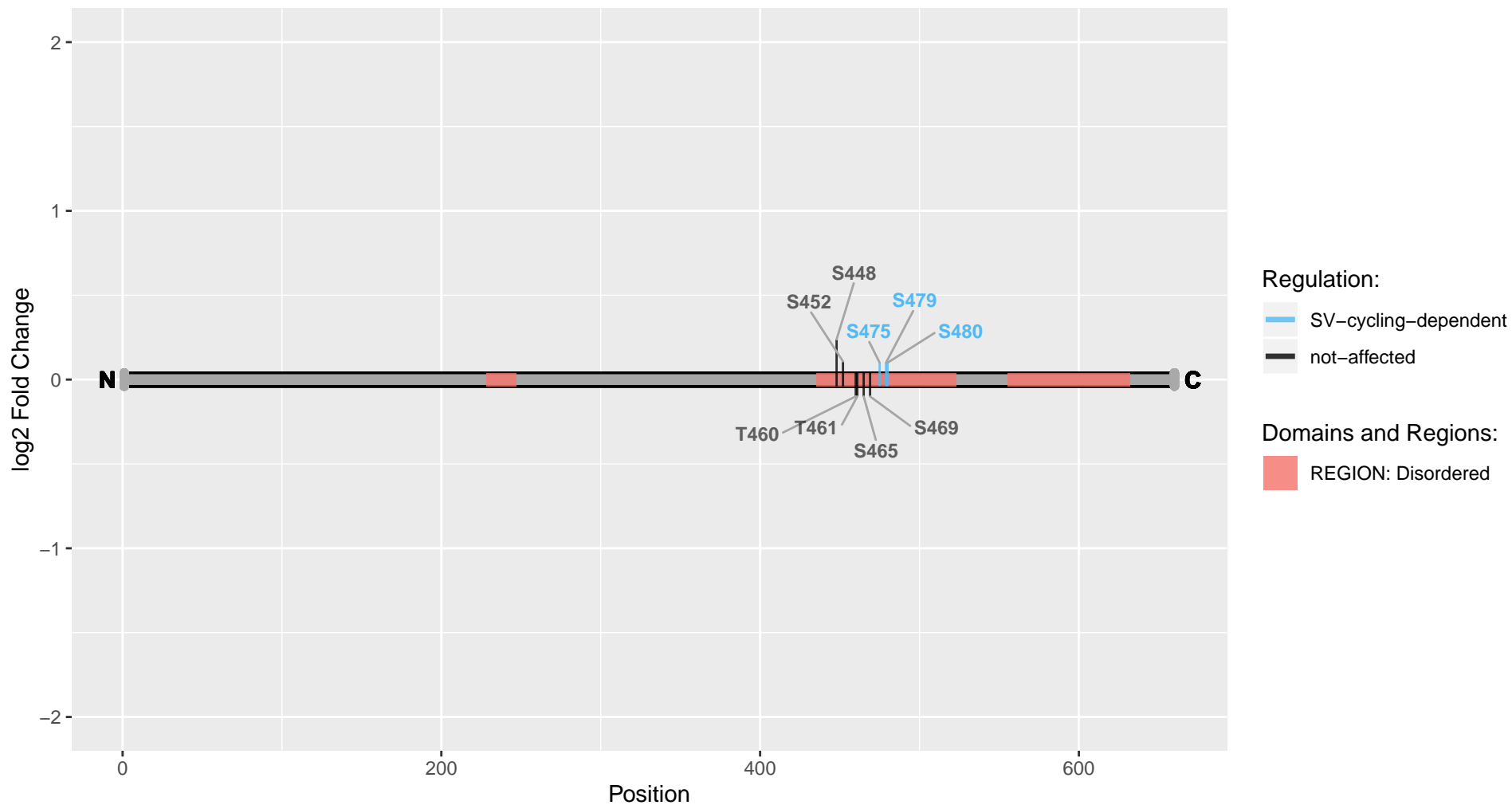
Jupiter microtubule associated homolog 1



Jph1

Uniprot Accession: D3ZQ55

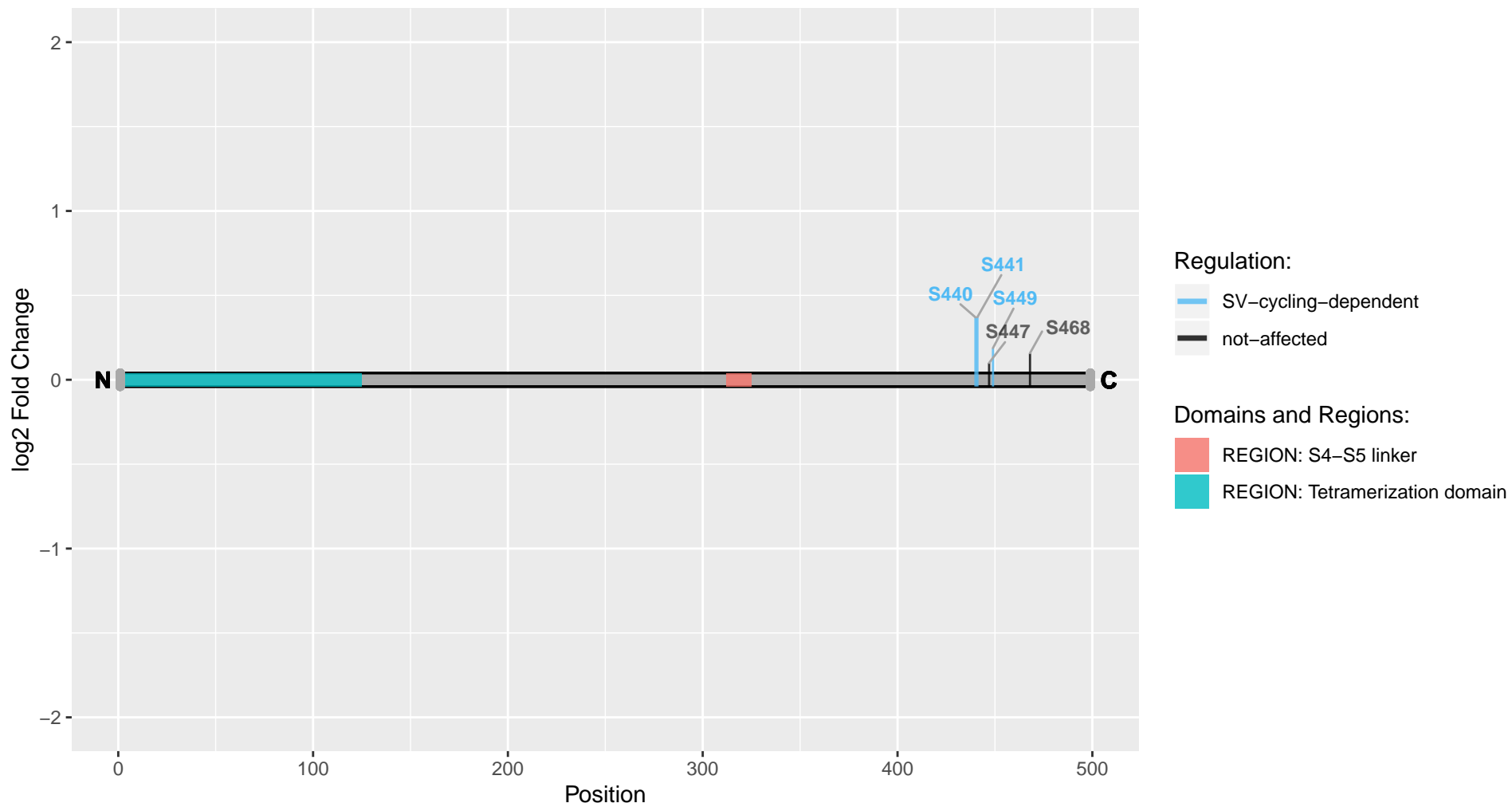
Junctophilin 1



Kcna2

Uniprot Accession: P63142

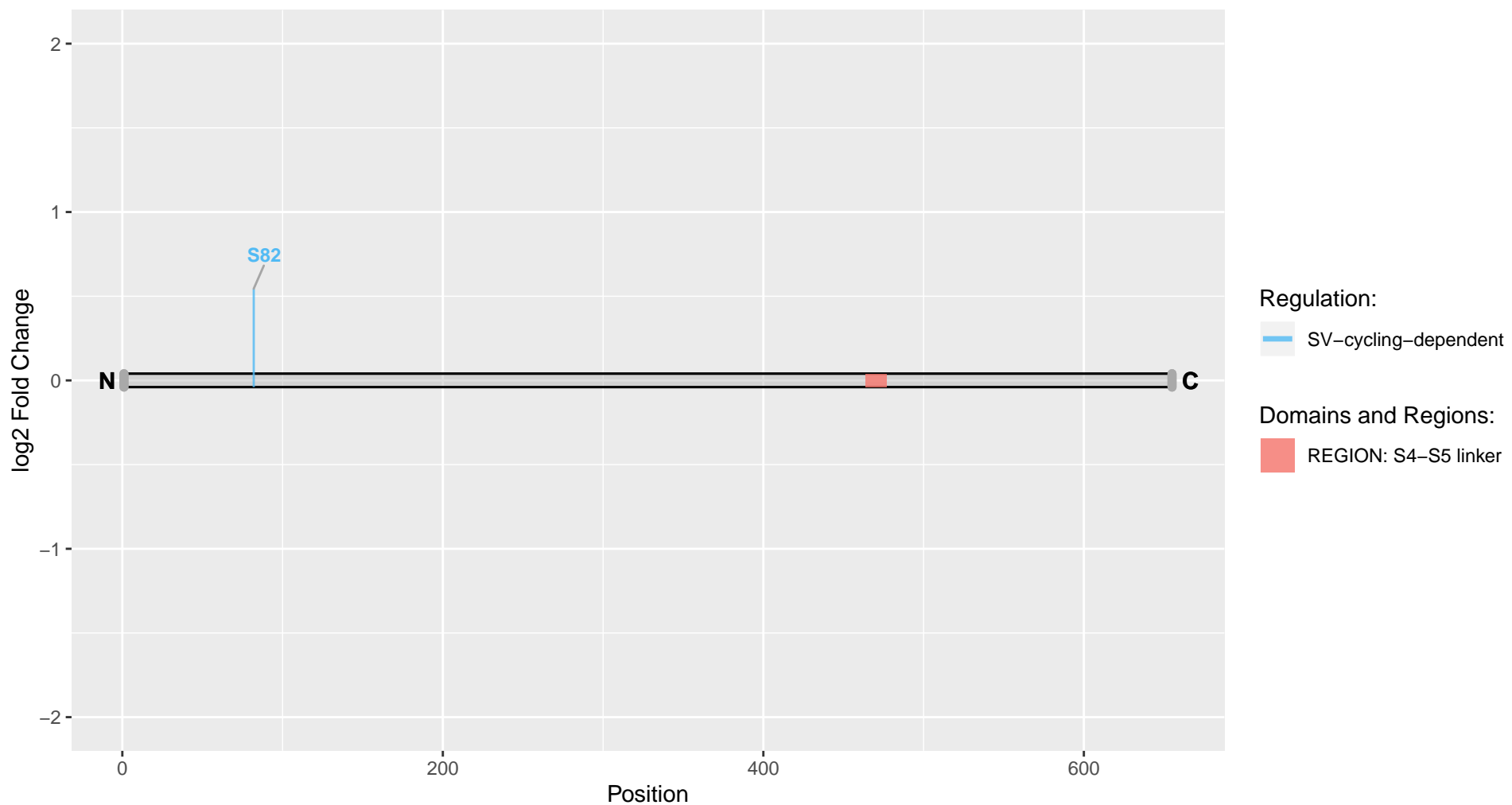
Potassium voltage-gated channel subfamily A member 2



Kcna4

Uniprot Accession: P15385

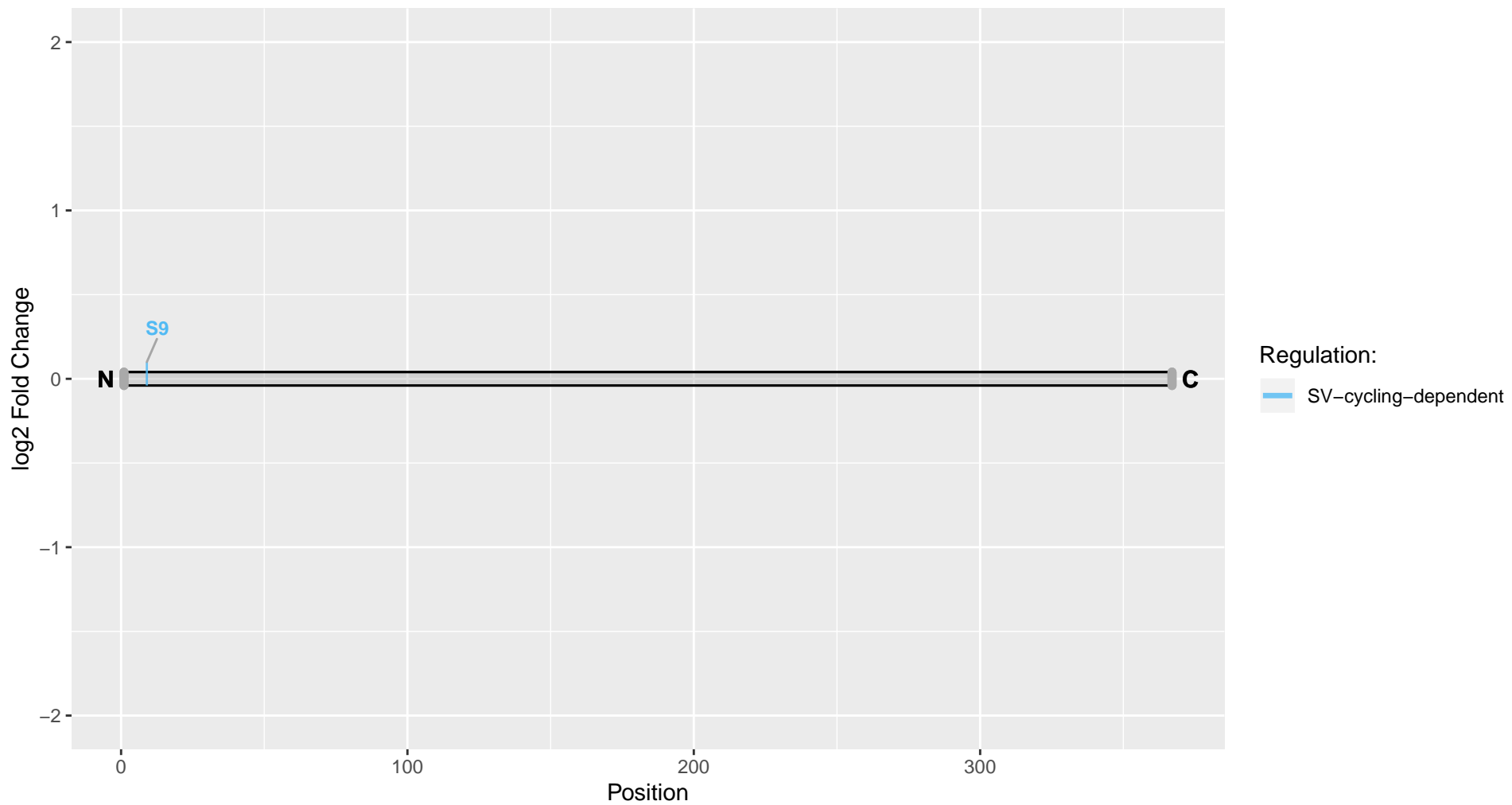
Potassium voltage-gated channel subfamily A member 4



Kcnab2

Uniprot Accession: P62483

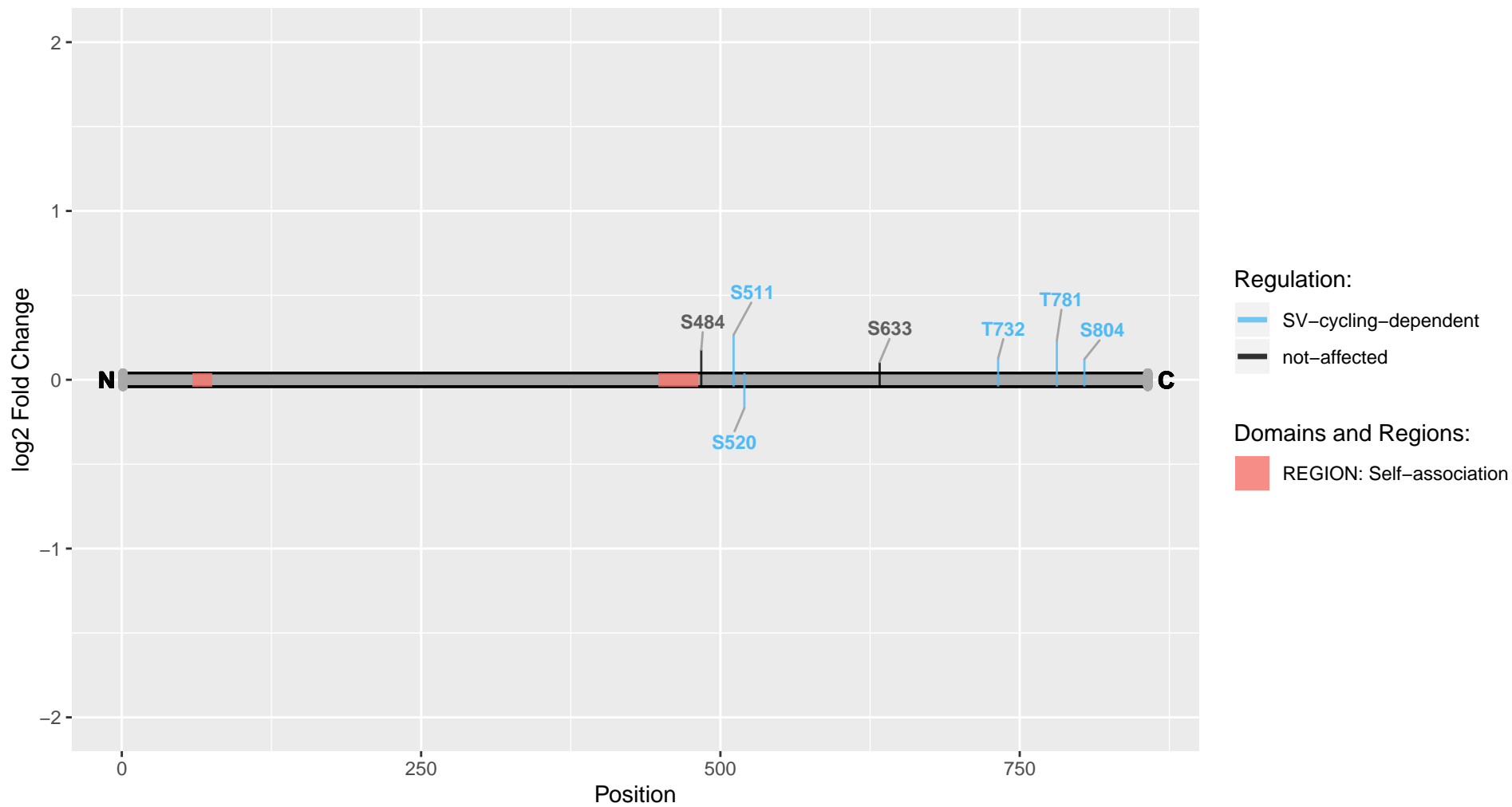
Voltage-gated potassium channel subunit beta-2



Kcnb1

Uniprot Accession: P15387

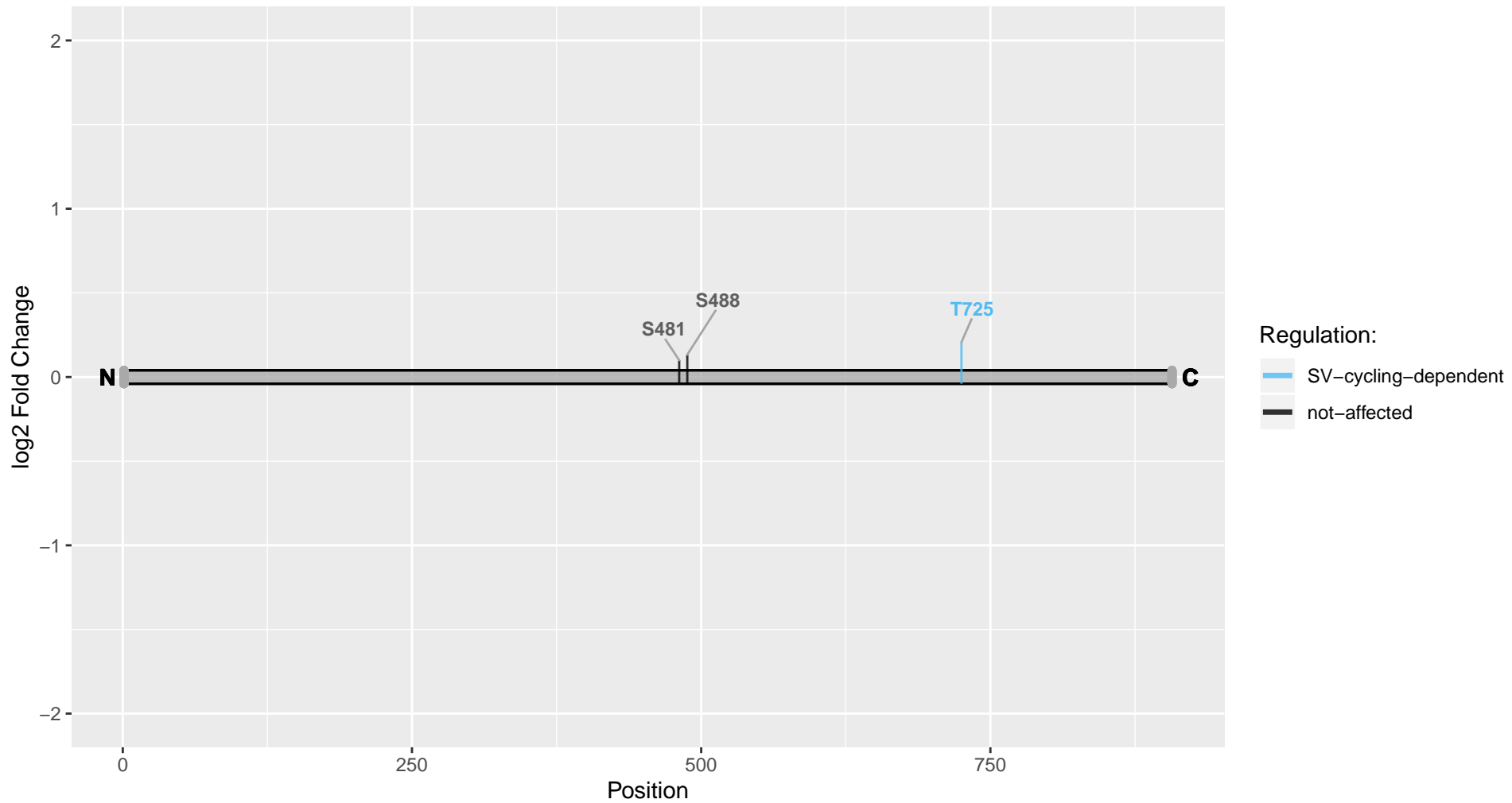
Potassium voltage-gated channel subfamily B member 1



Kcnb2

Uniprot Accession: Q63099

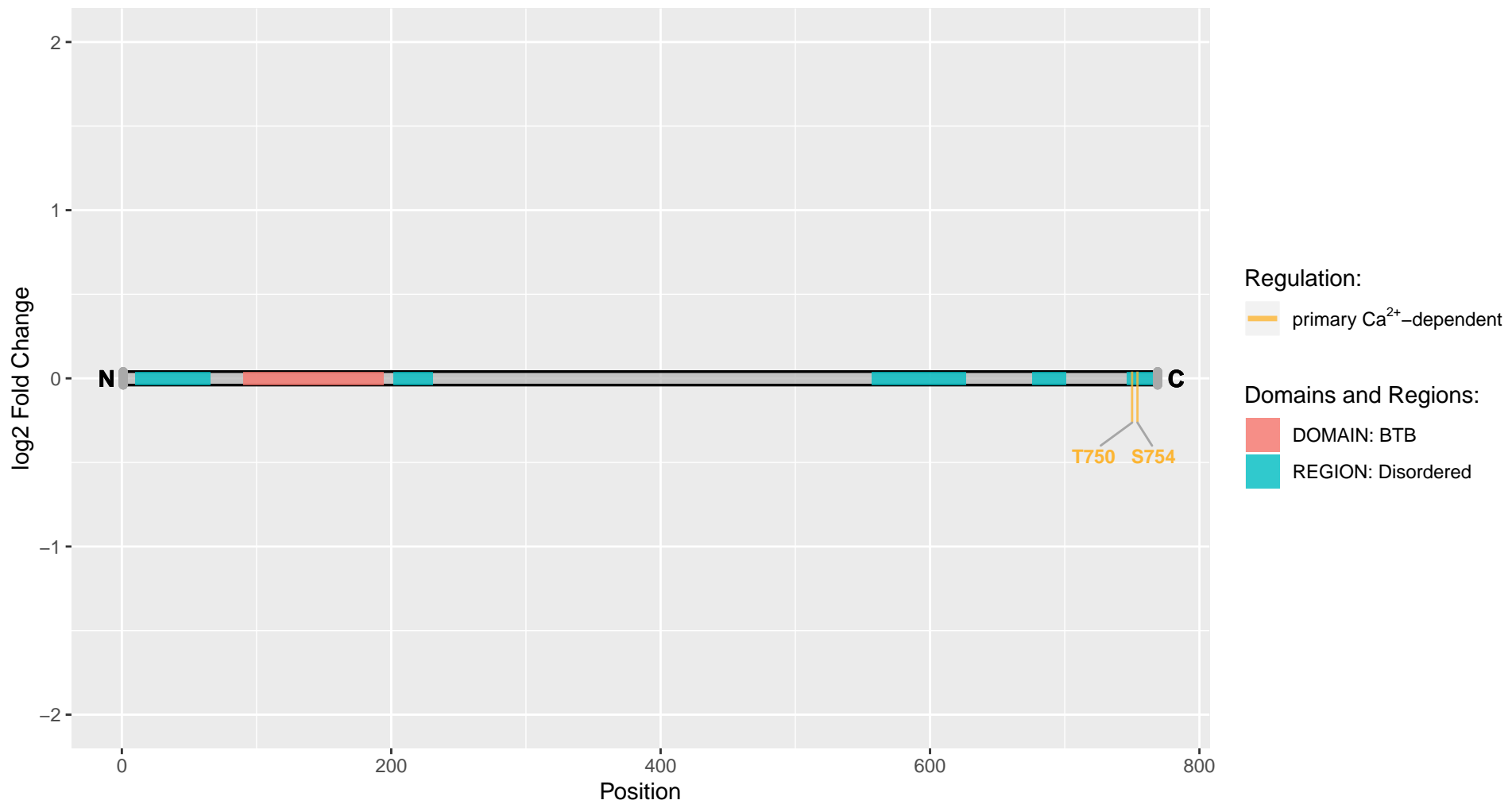
Potassium voltage-gated channel subfamily B member 2



Kcnc3

Uniprot Accession: Q811T3

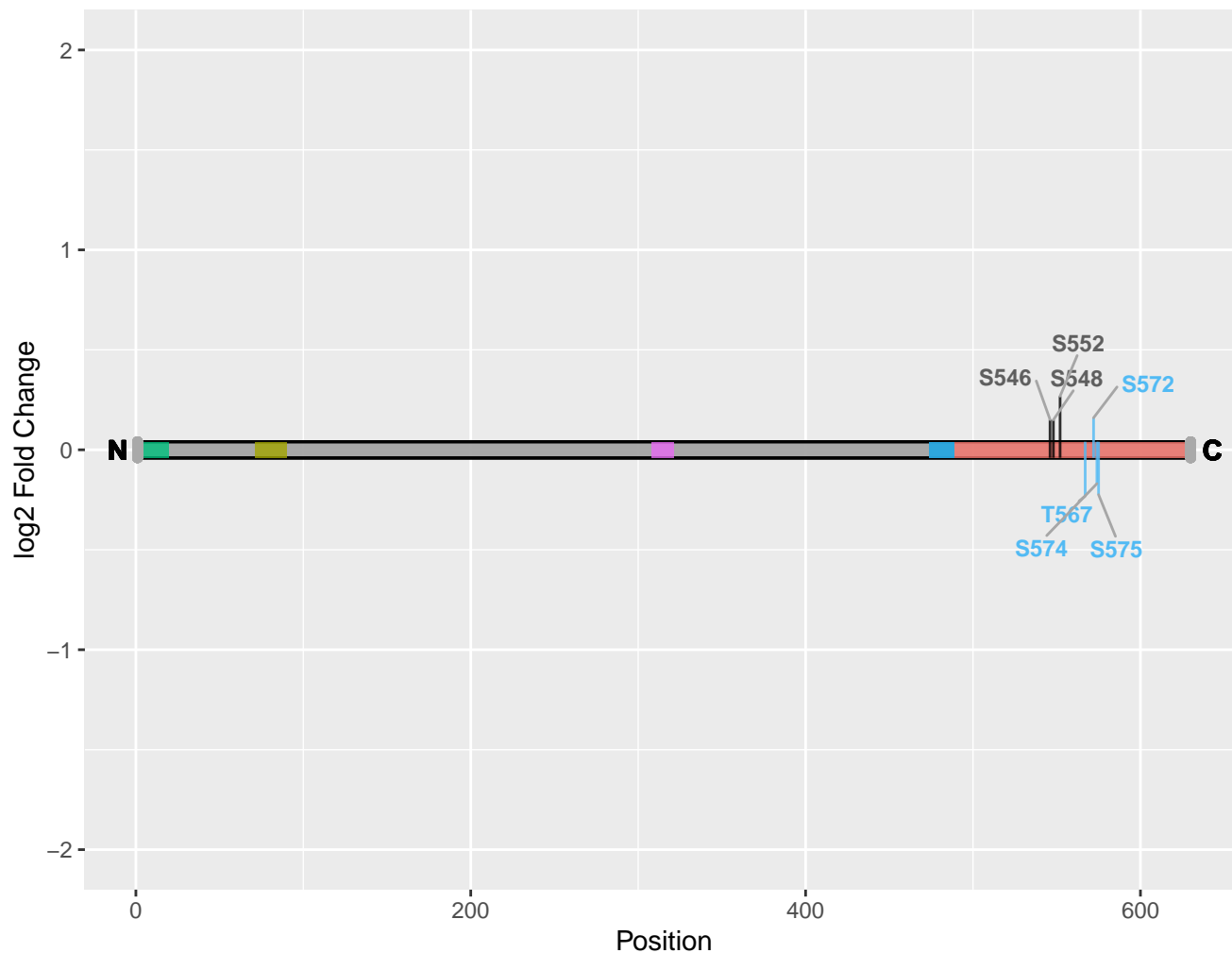
Kv3.3c voltage gated potassium channel subunit splice variant C



Kcnd2

Uniprot Accession: Q63881

Potassium voltage-gated channel subfamily D member 2



Regulation:

- SV-cycling-dependent
- not-affected

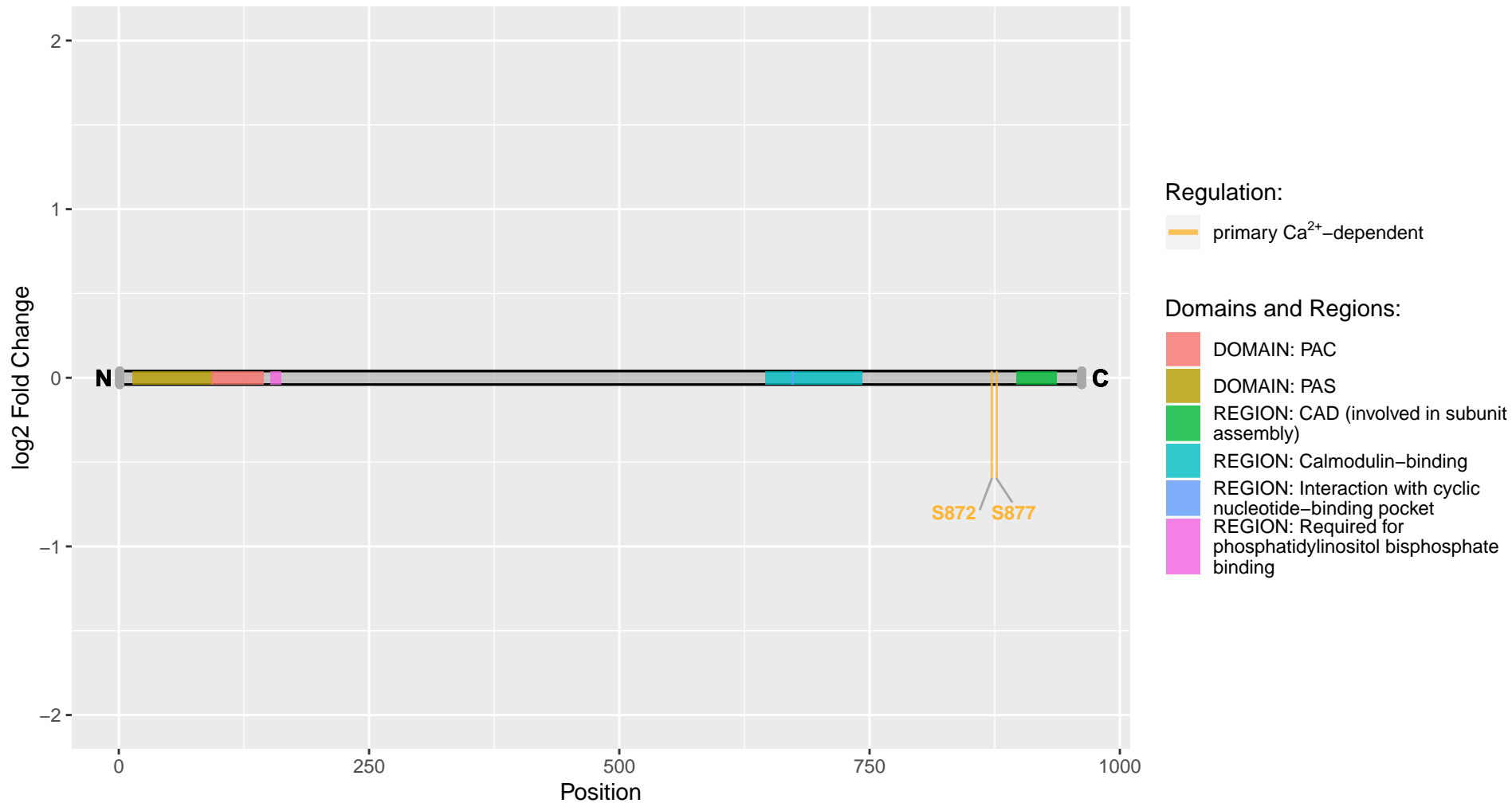
Domains and Regions:

- 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

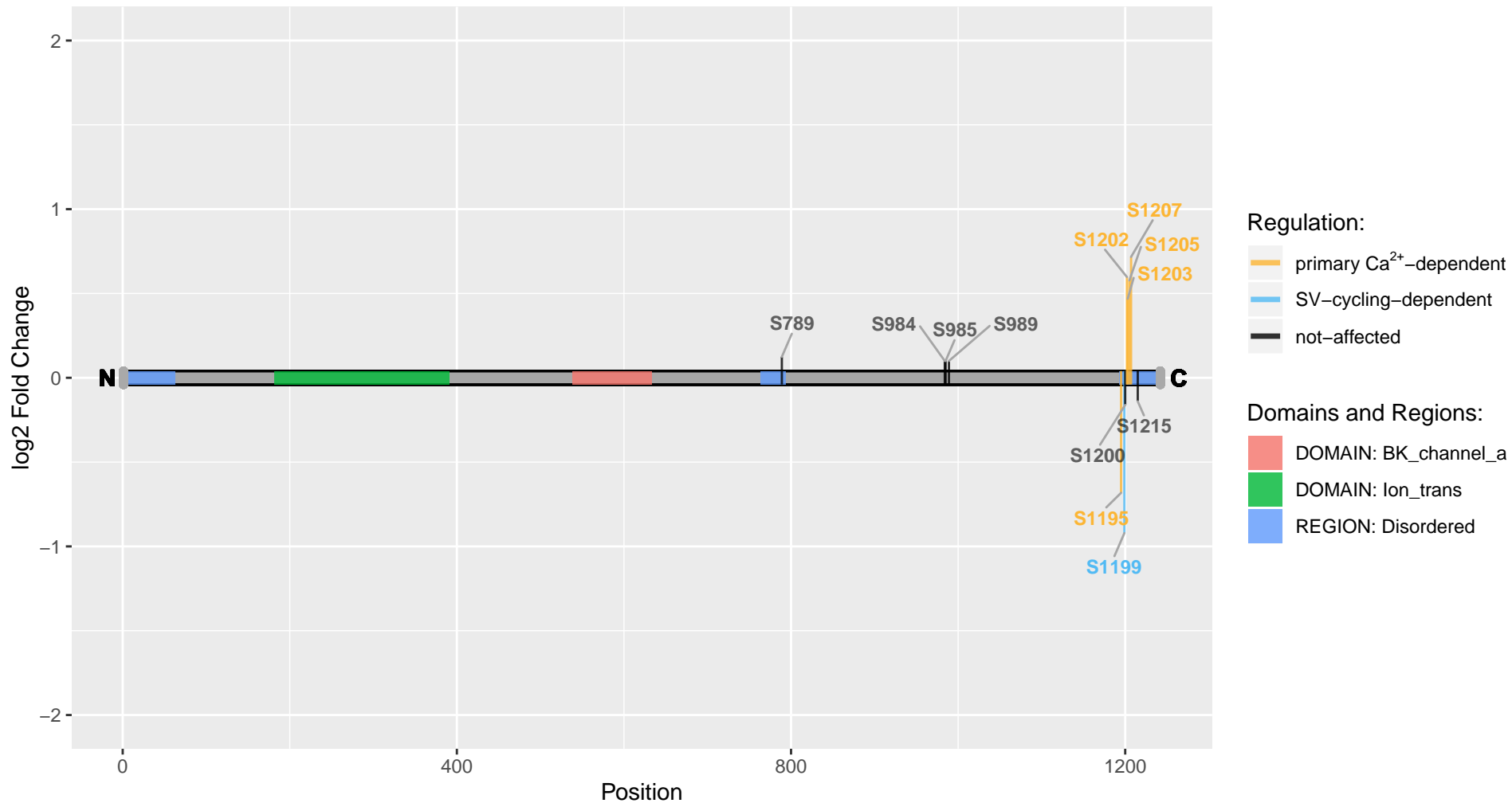
Potassium voltage-gated channel subfamily H member 1



Kcnma1

Uniprot Accession: F1LNC7

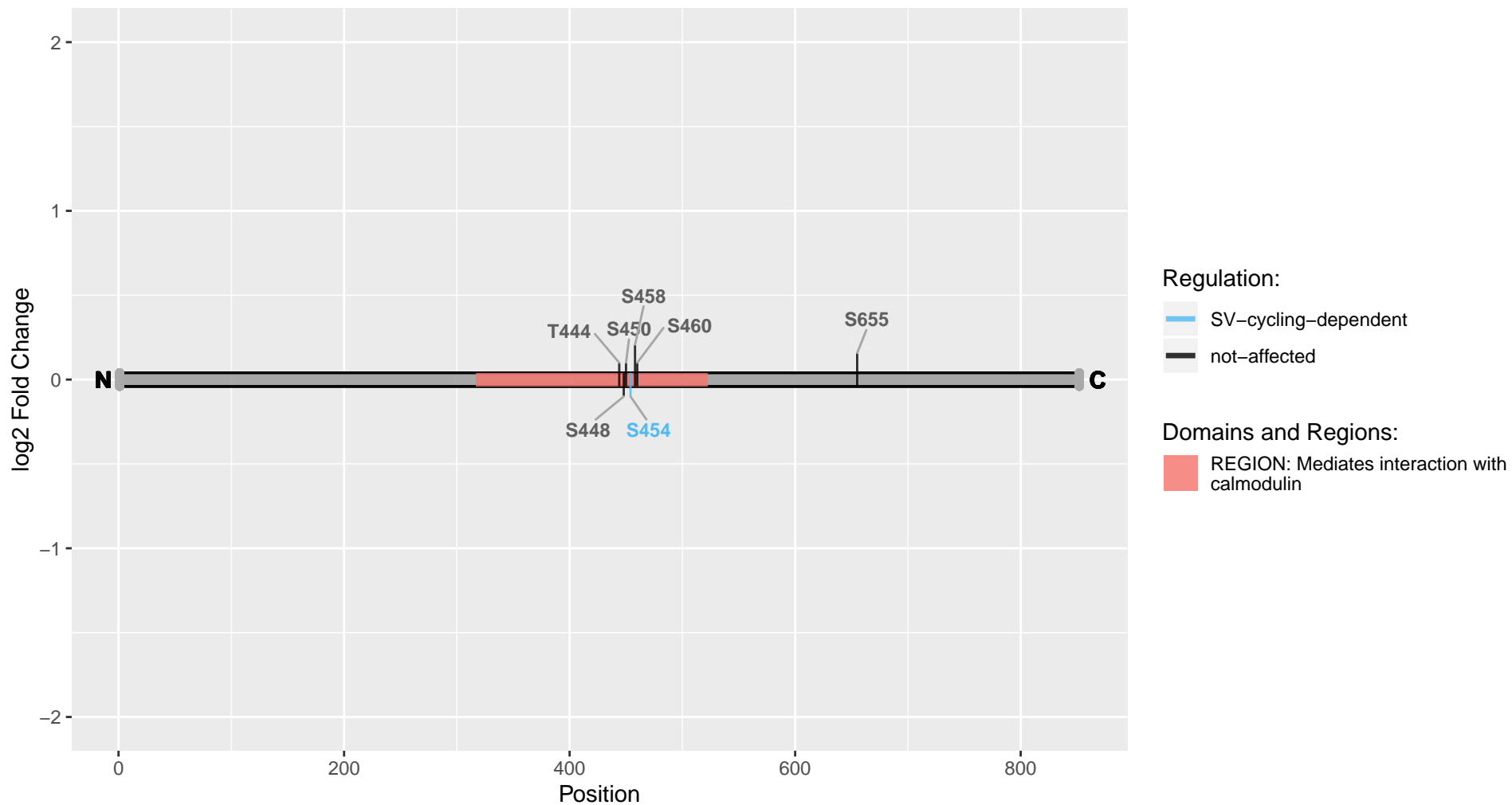
Calcium-activated potassium channel subunit alpha-1



Kcnq2

Uniprot Accession: O88943

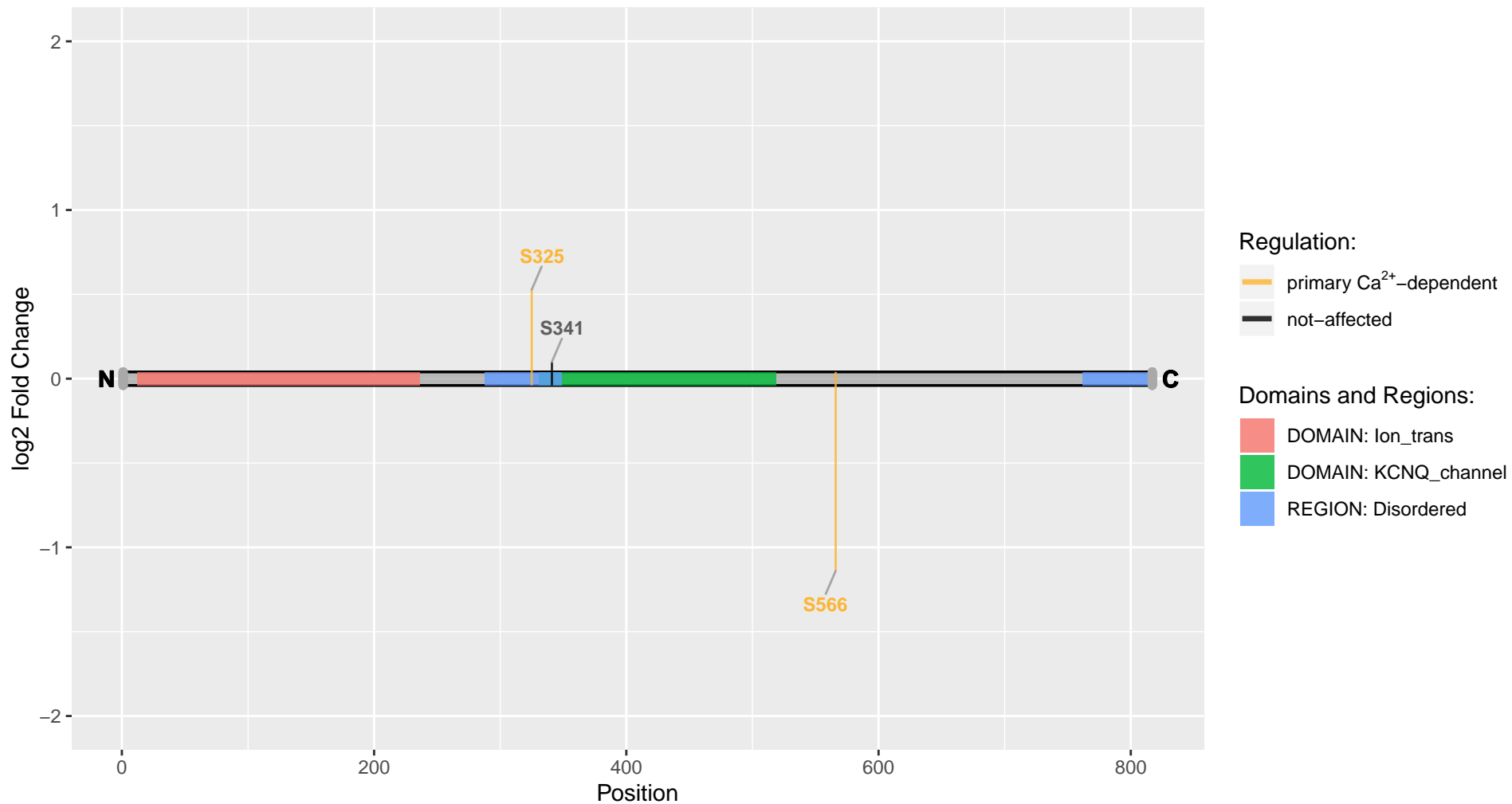
Potassium voltage-gated channel subfamily KQT member 2



Kcnq5

Uniprot Accession: F1LSD6

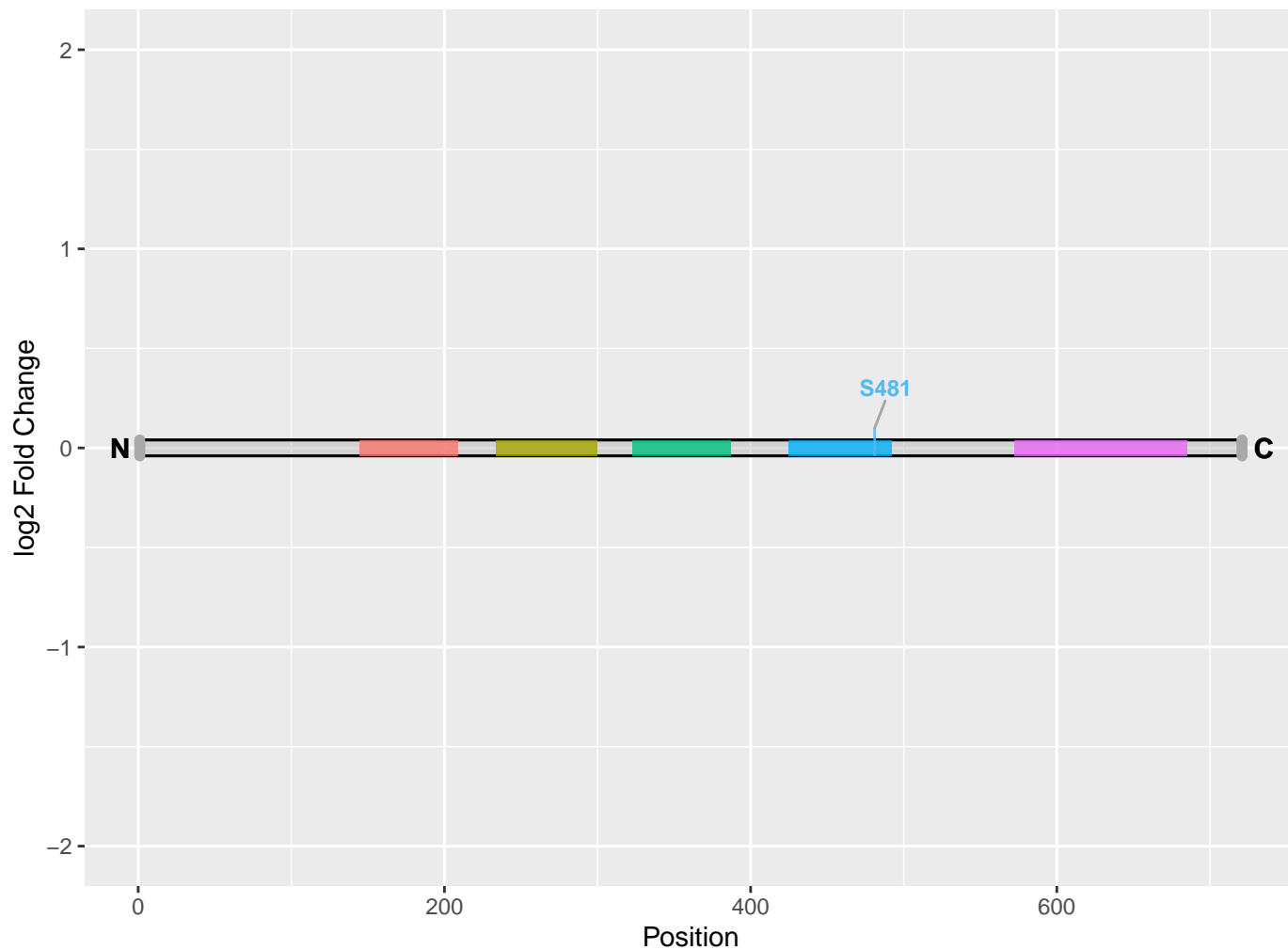
Potassium voltage-gated channel subfamily Q member 5



Khsrp

Uniprot Accession: Q99PF5

Far upstream element-binding protein 2



Regulation:

— SV-cycling-dependent

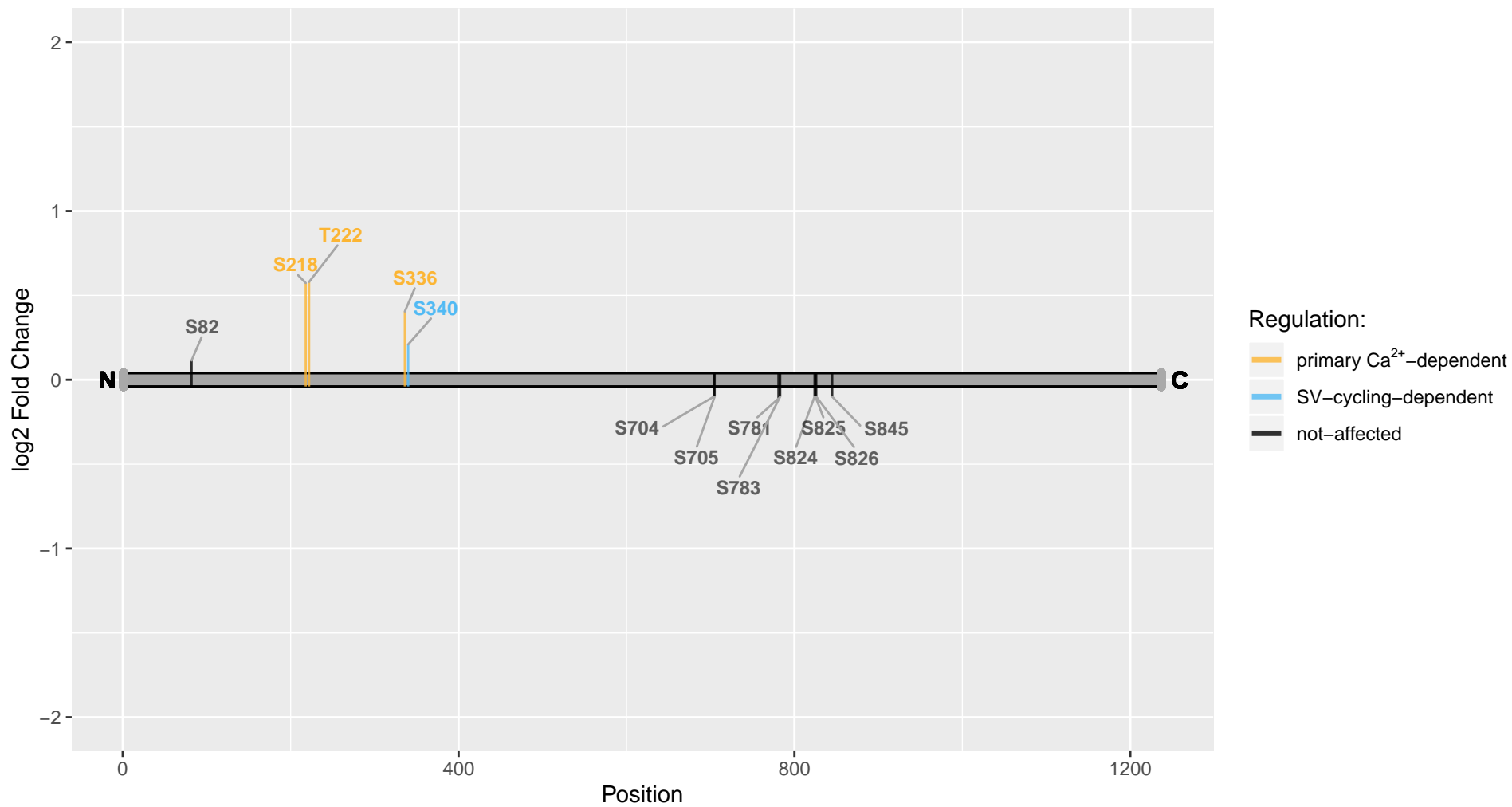
Domains and Regions:

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

Kiaa1107

Uniprot Accession: D4A0X3

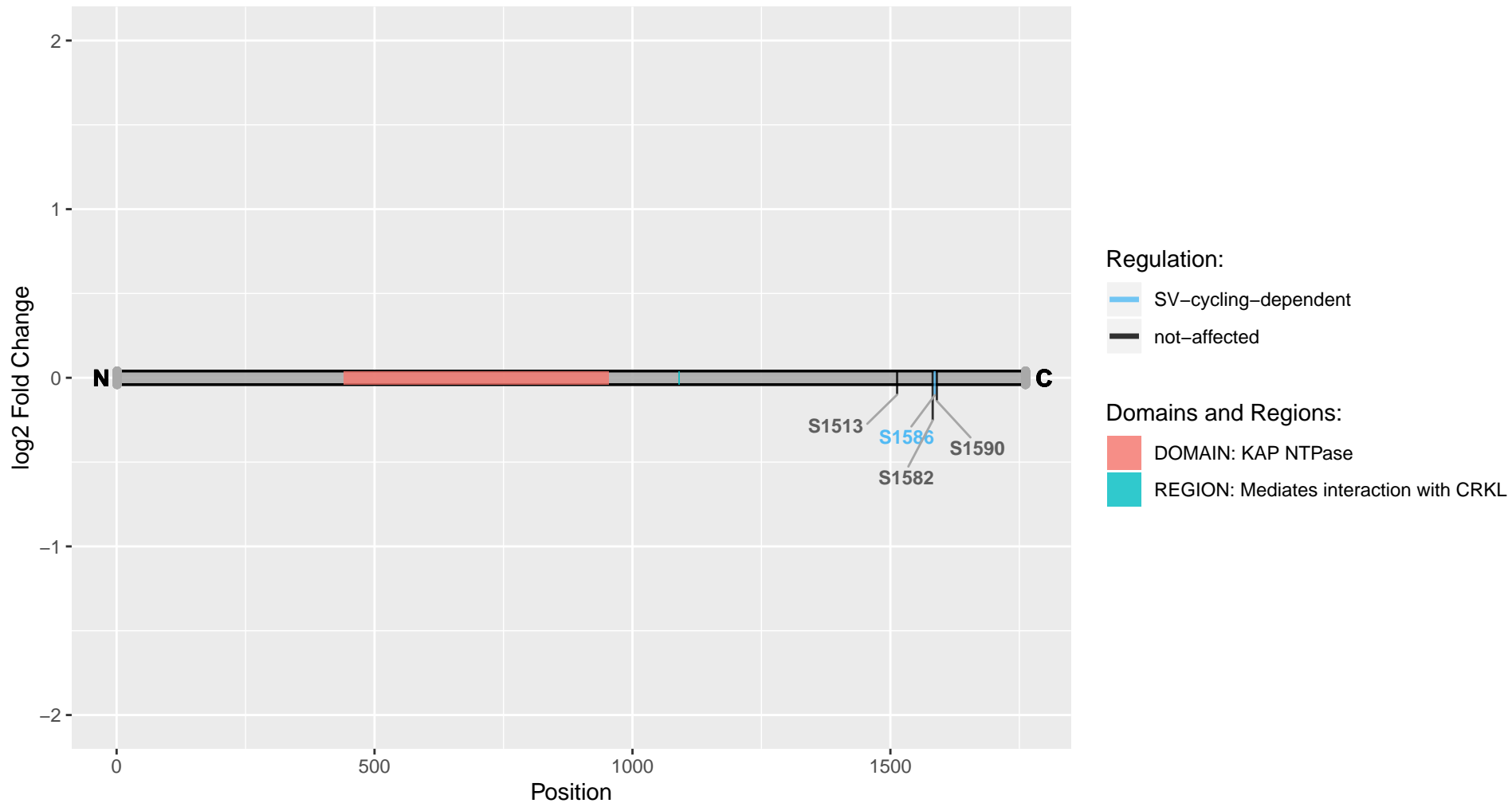
AP2-interacting clathrin-endocytosis protein



Kidins220

Uniprot Accession: Q9EQG6

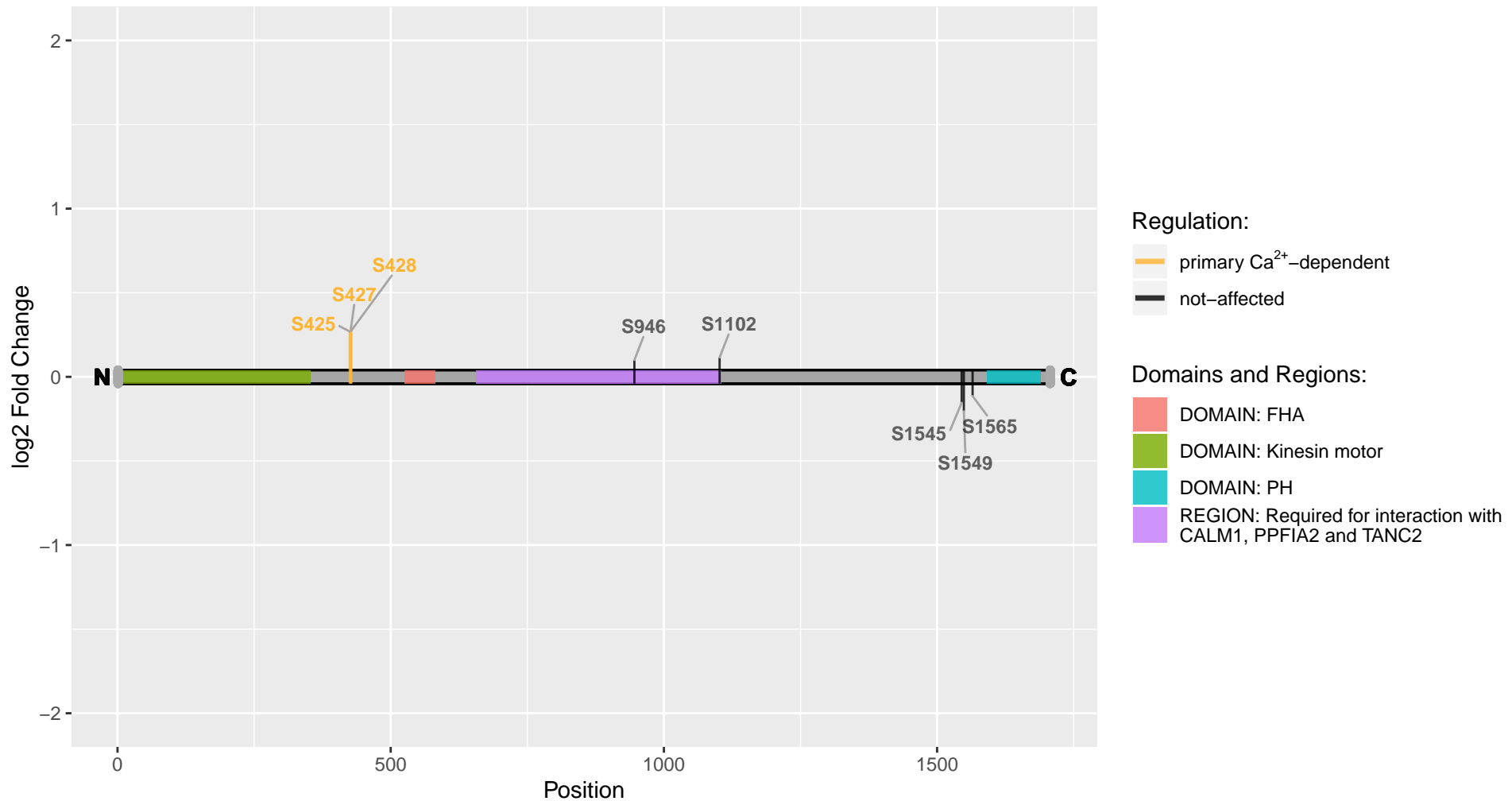
Kinase D-interacting substrate of 220 kDa



Kif1a

Uniprot Accession: F1M4A4

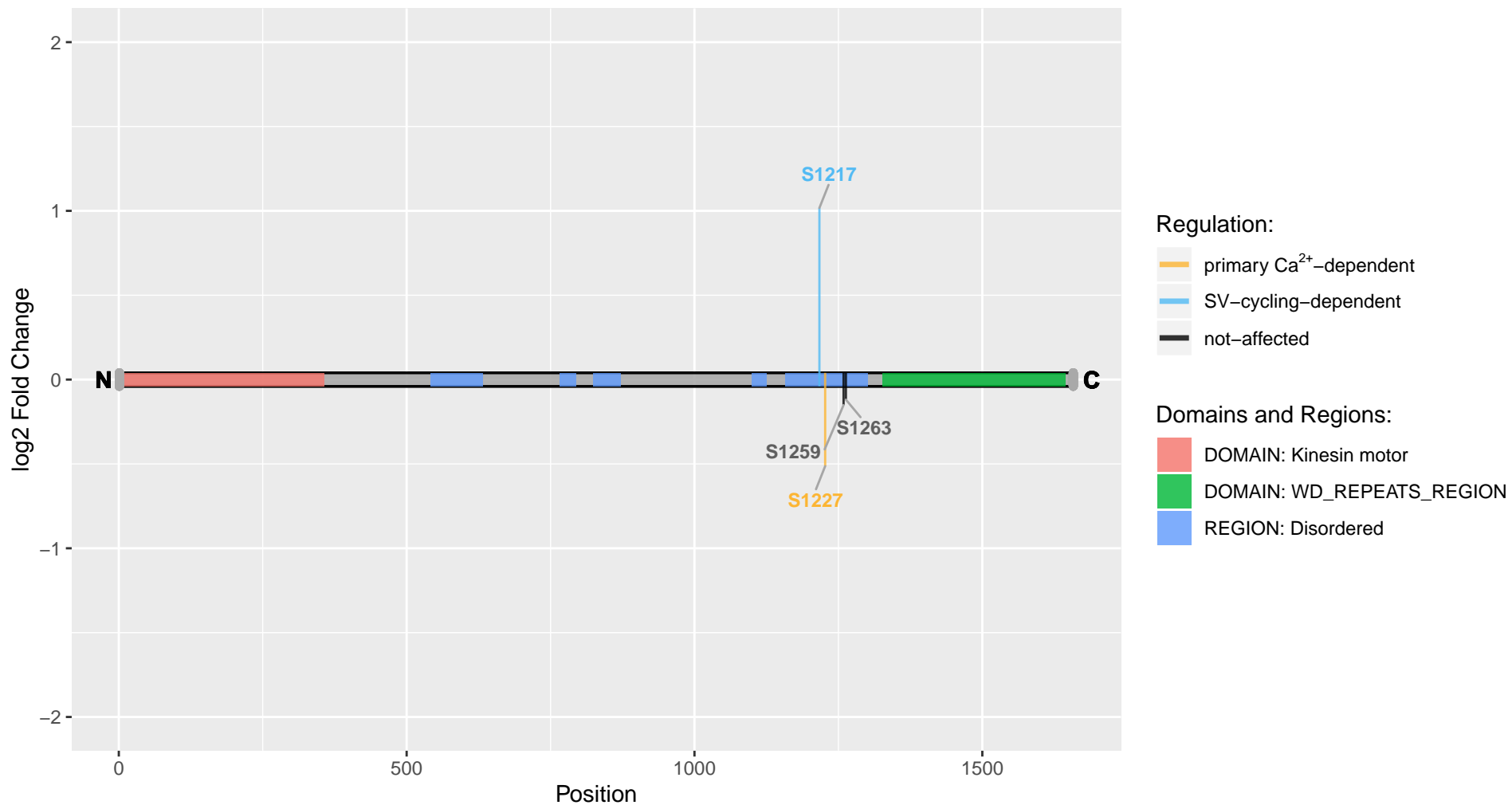
Kinesin family member 1A



Kif21a

Uniprot Accession: D3ZCG2

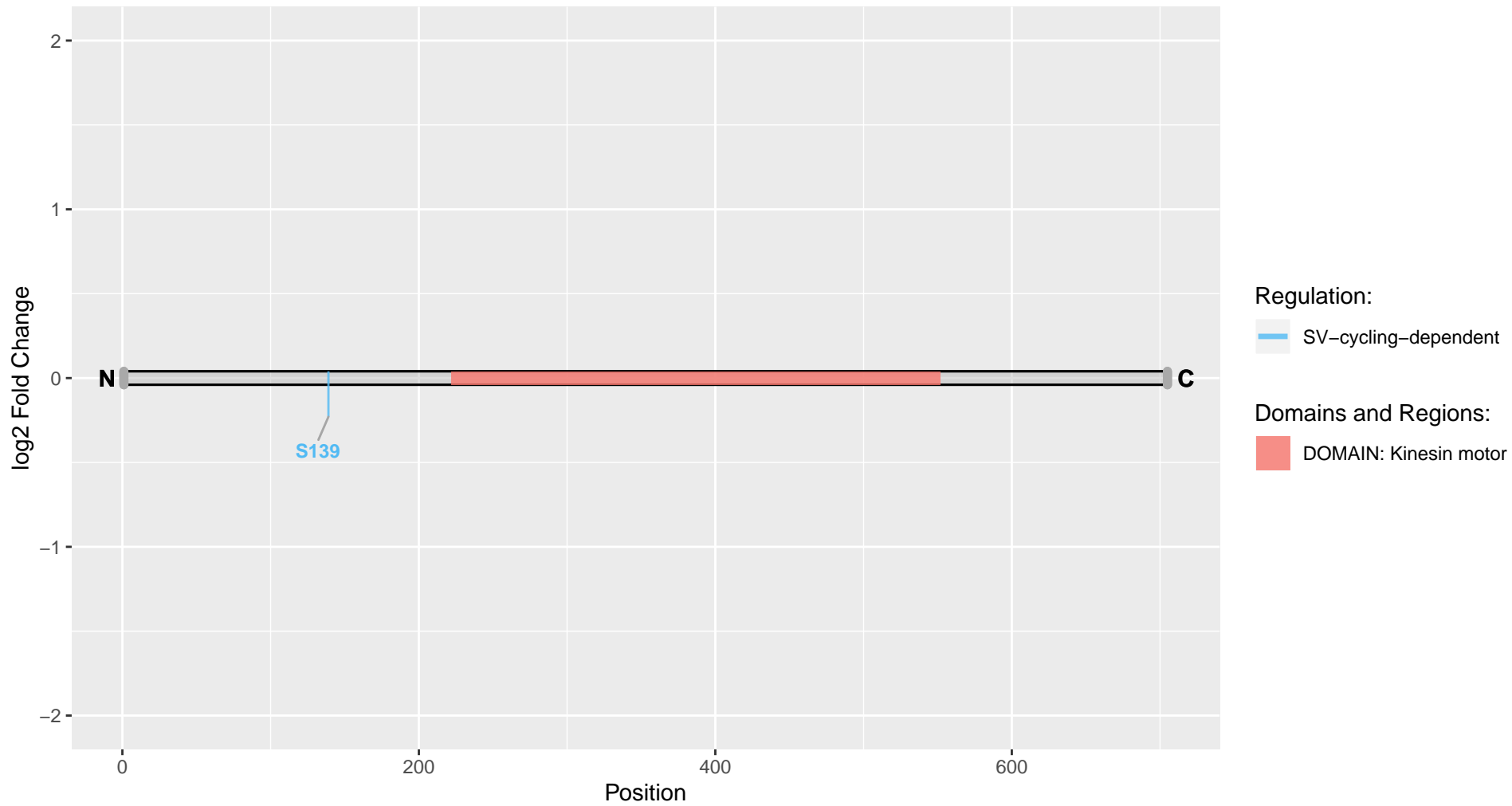
Kinesin family member 21A



Kif2a

Uniprot Accession: Q9WV63

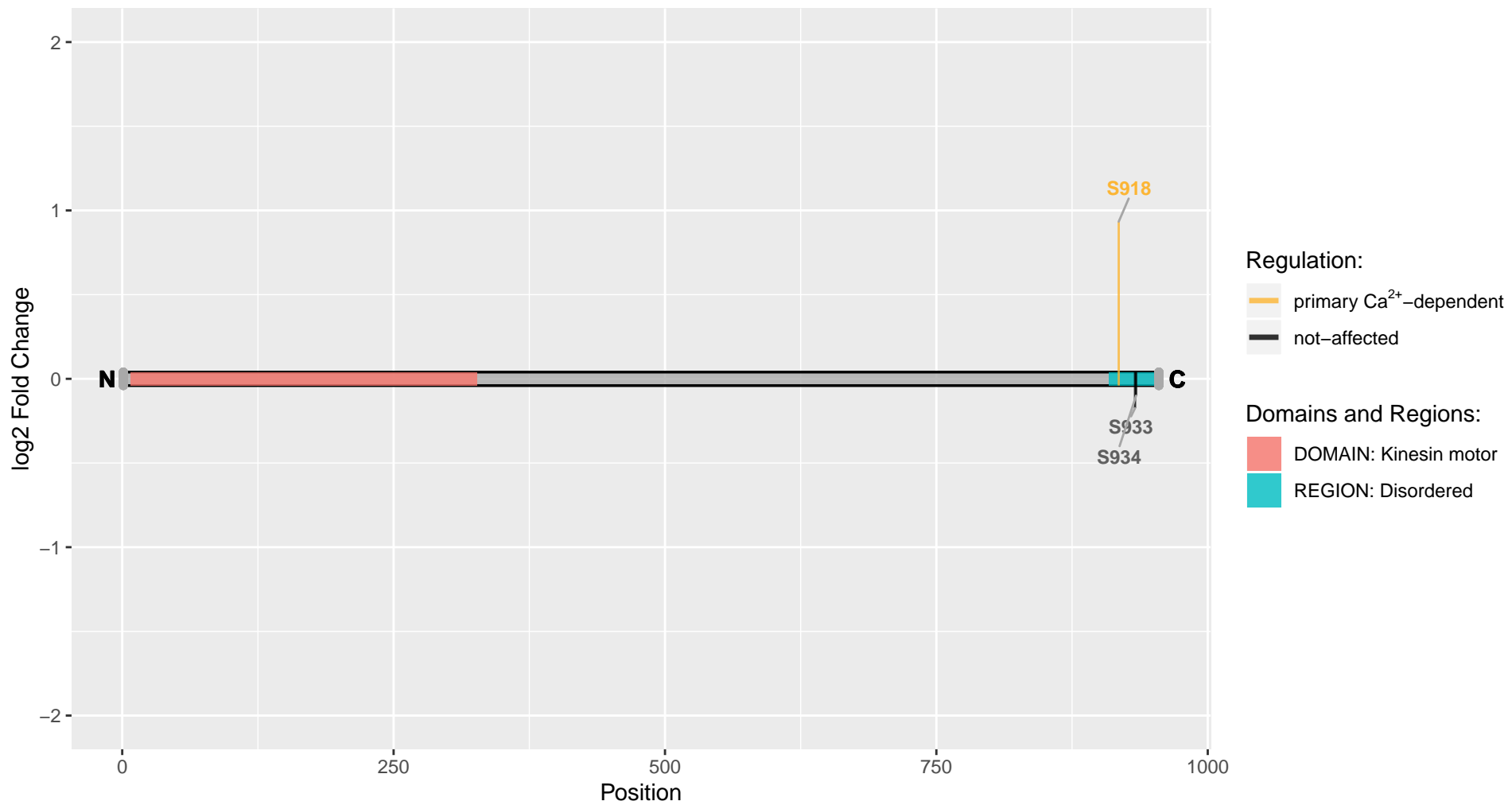
Kinesin-like protein KIF2A



Kif5c

Uniprot Accession: G3V6L4

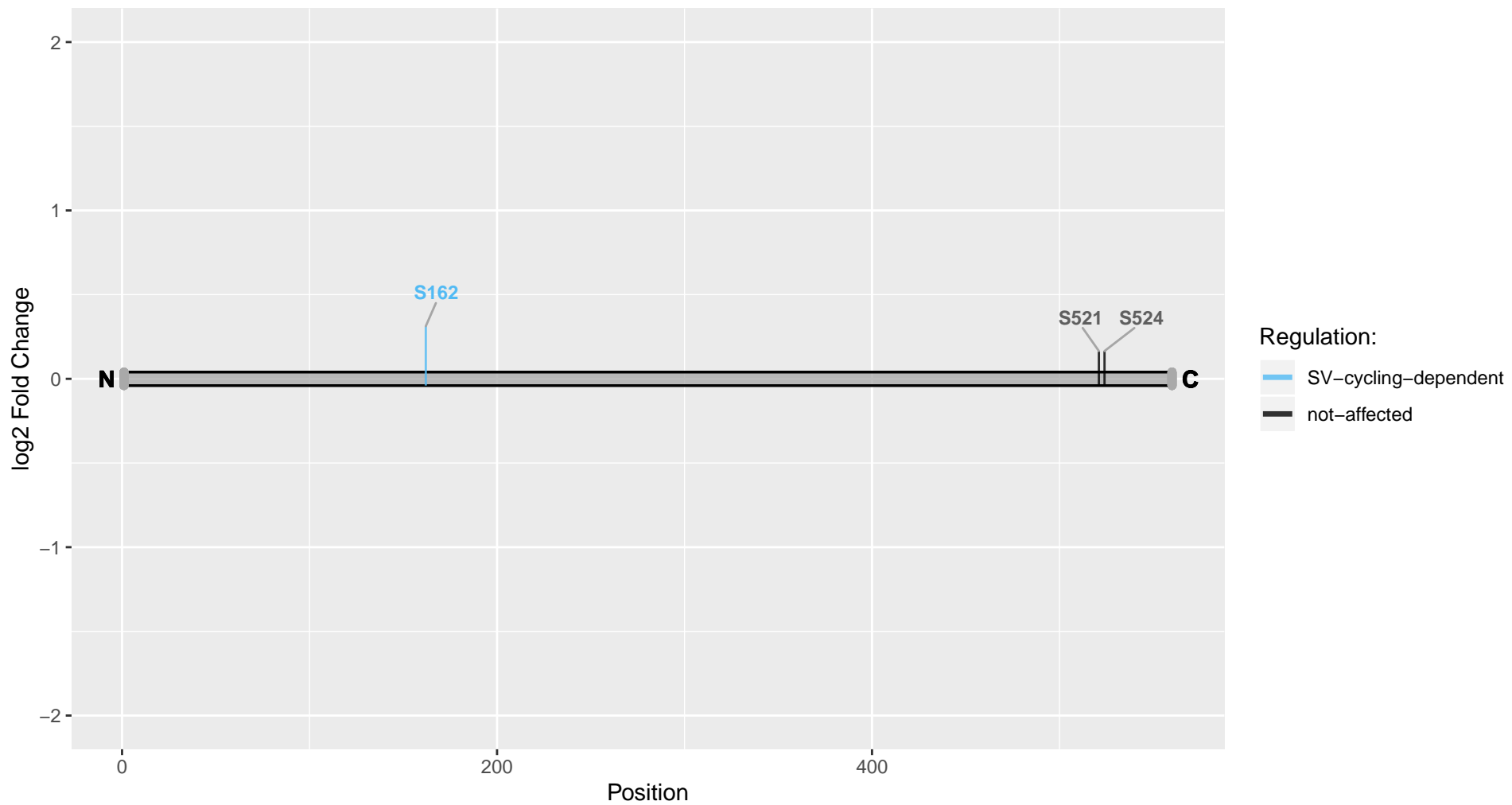
Kinesin-like protein



Klc1

Uniprot Accession: P37285

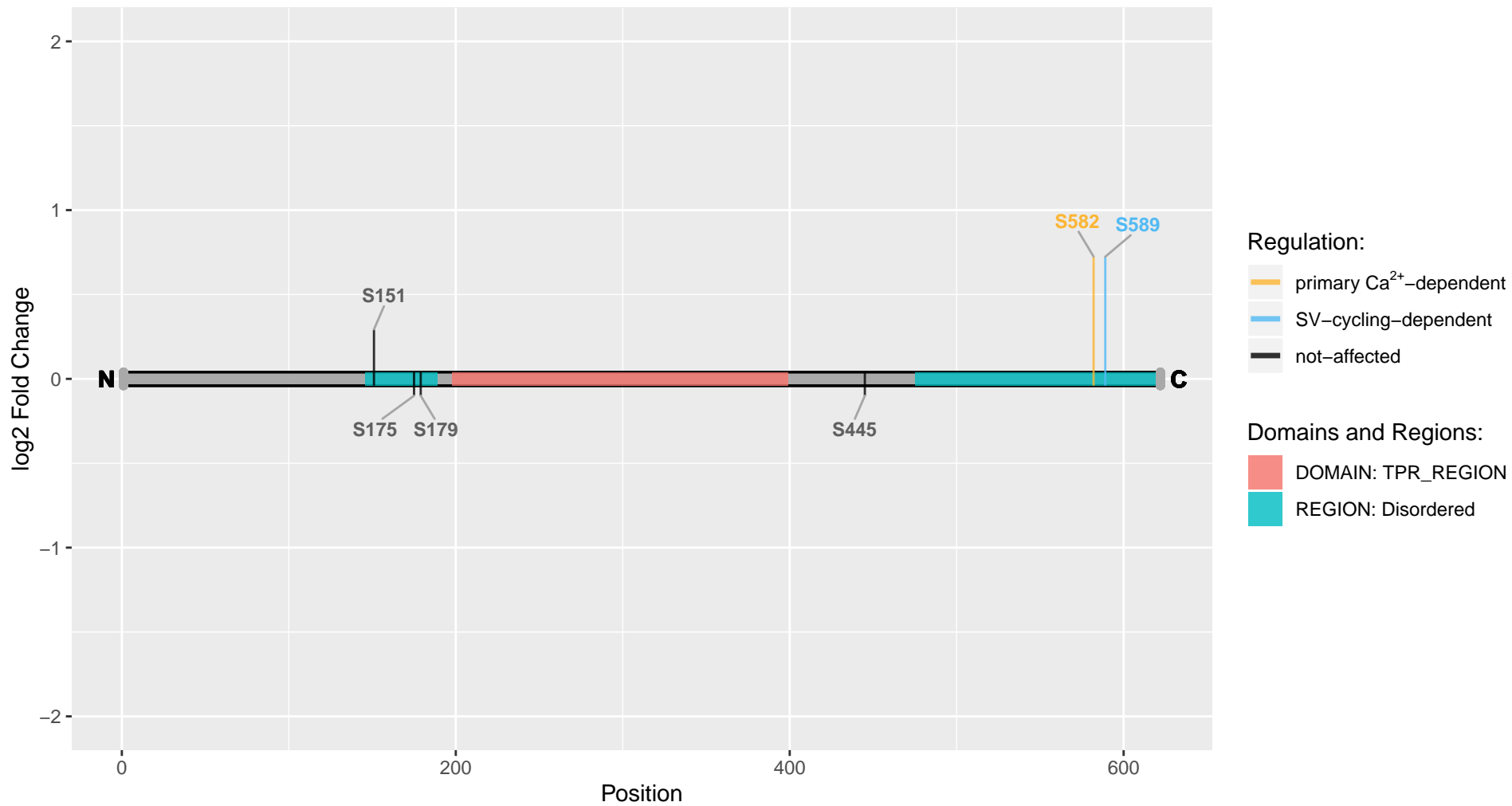
Kinesin light chain 1



Klc2

Uniprot Accession: B2GV74

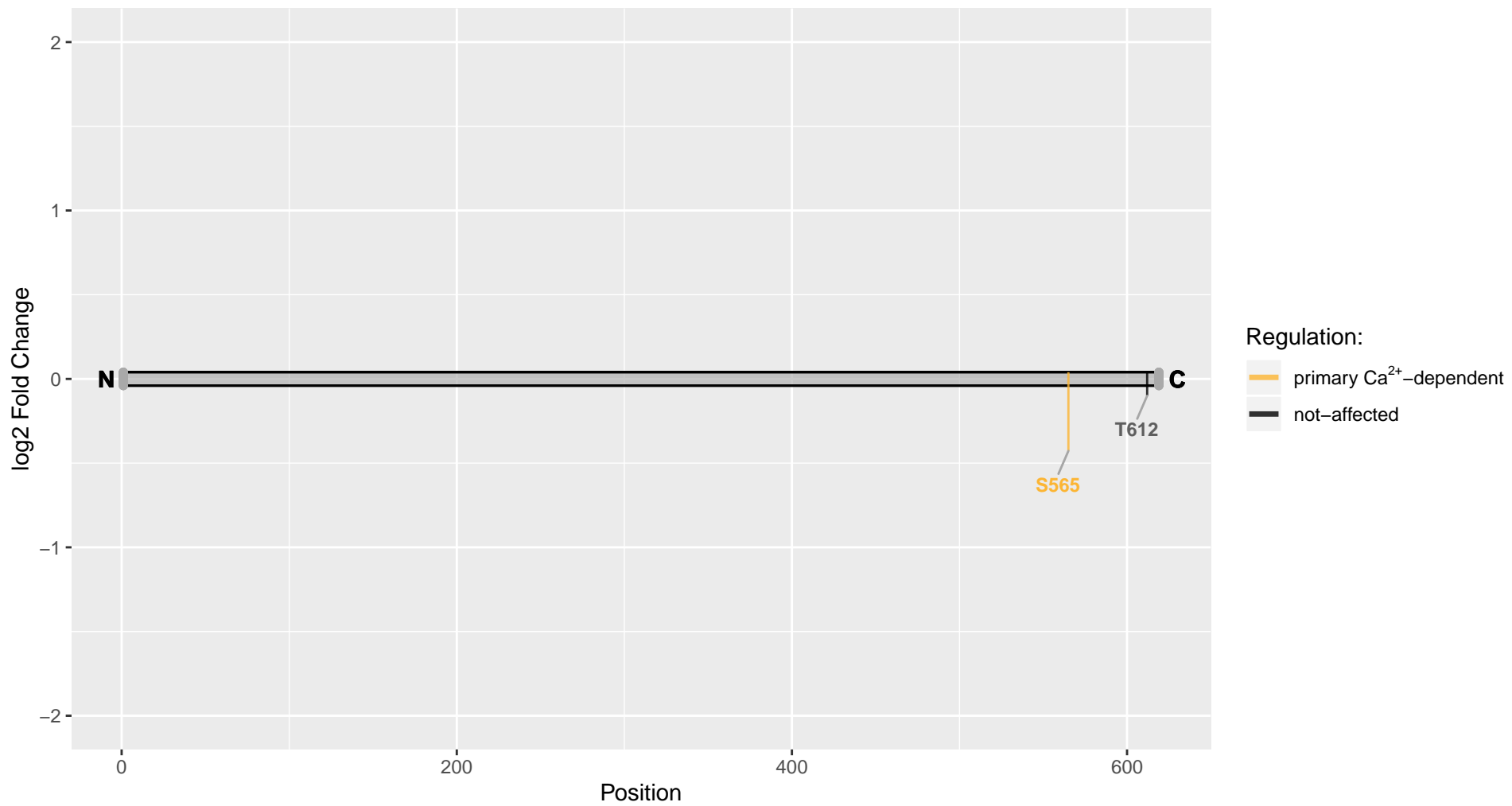
Kinesin light chain 2



Klc4

Uniprot Accession: Q5PQM2

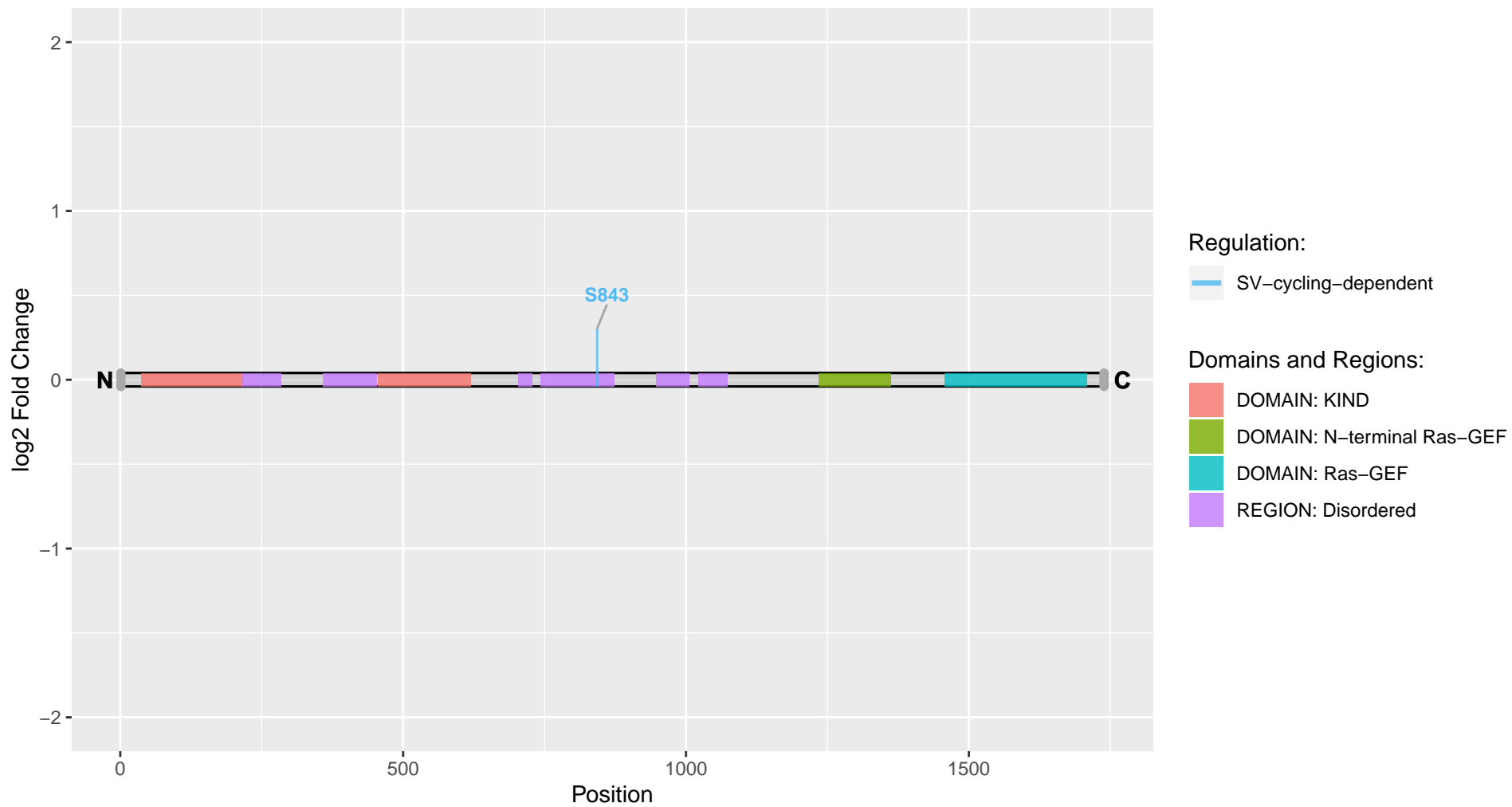
Kinesin light chain 4



Knkc1

Uniprot Accession: D4A8Q2

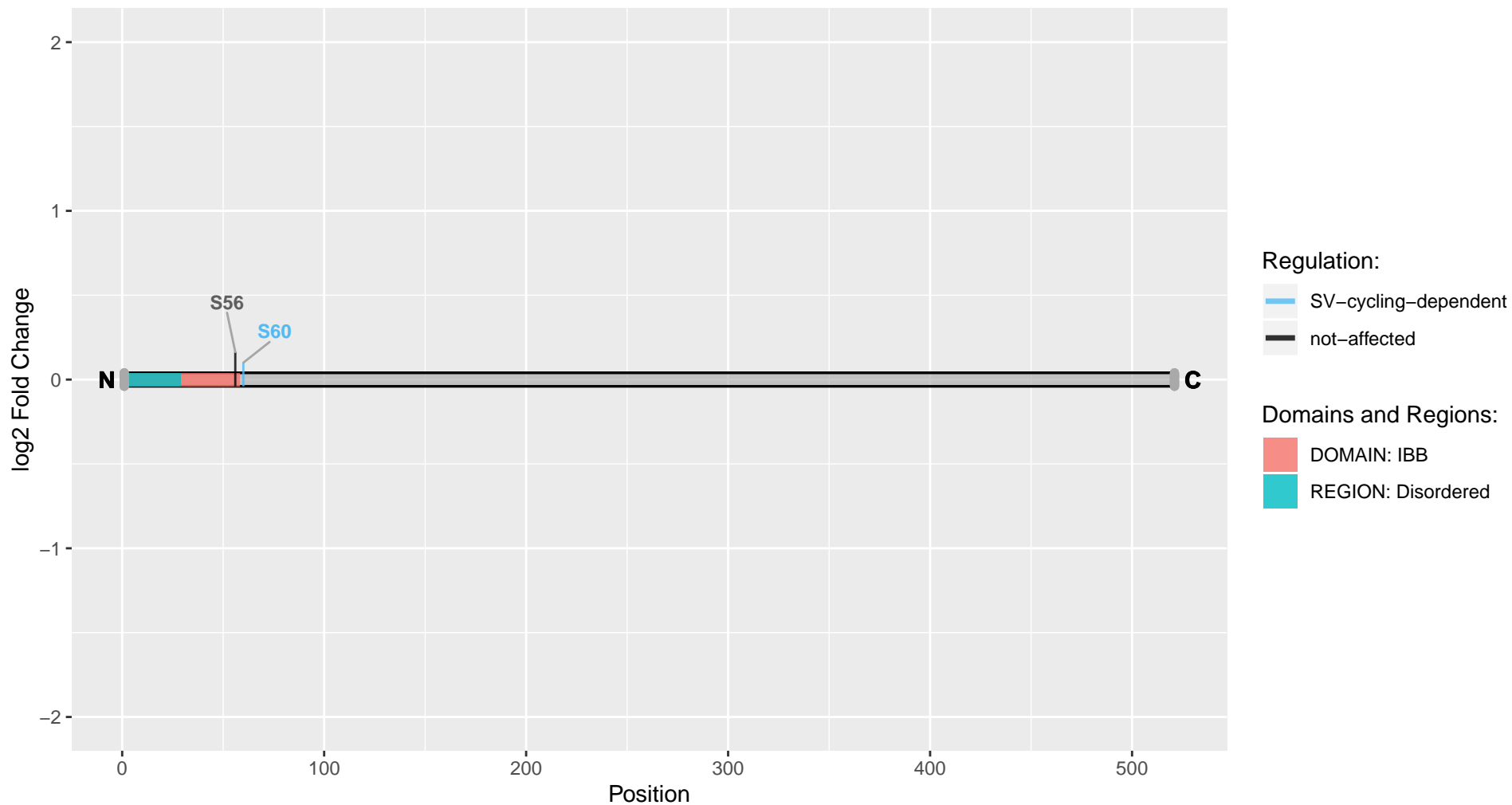
Kinase non-catalytic C-lobe domain-containing 1



Kpna3

Uniprot Accession: Q56R18

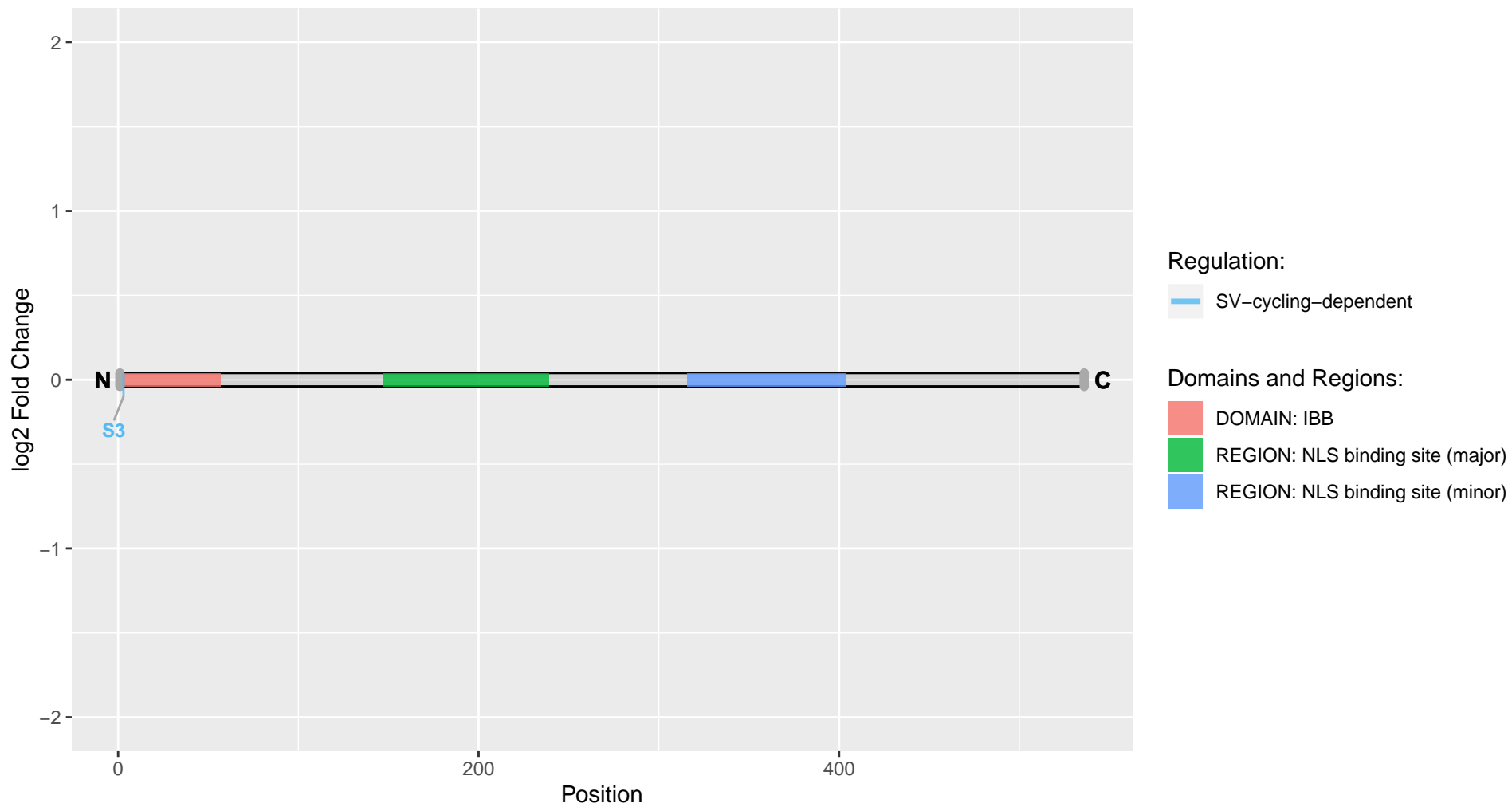
Importin subunit alpha



Kpna5

Uniprot Accession: Q56R16

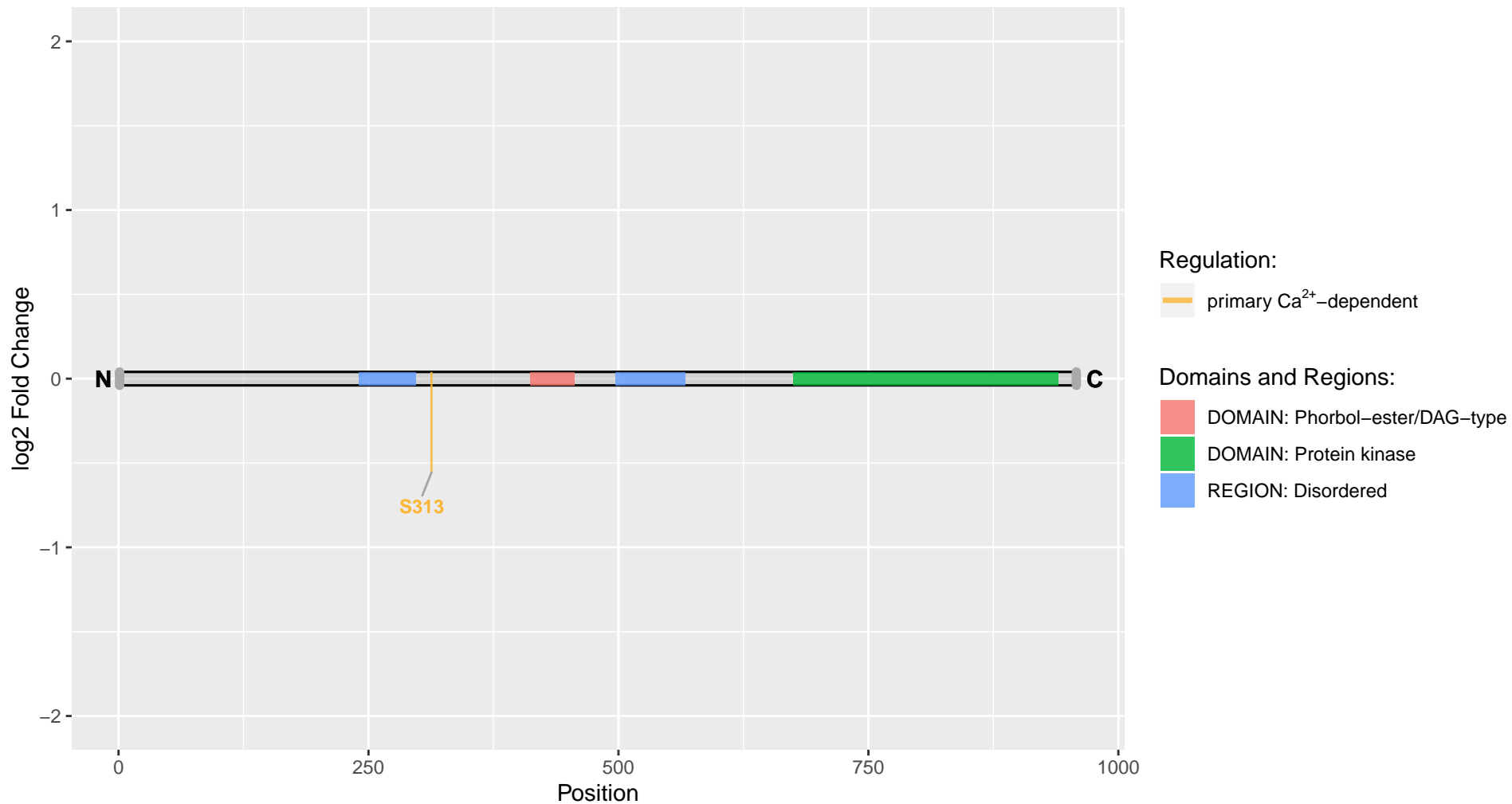
Importin subunit alpha-6



Ksr2

Uniprot Accession: F1LY04

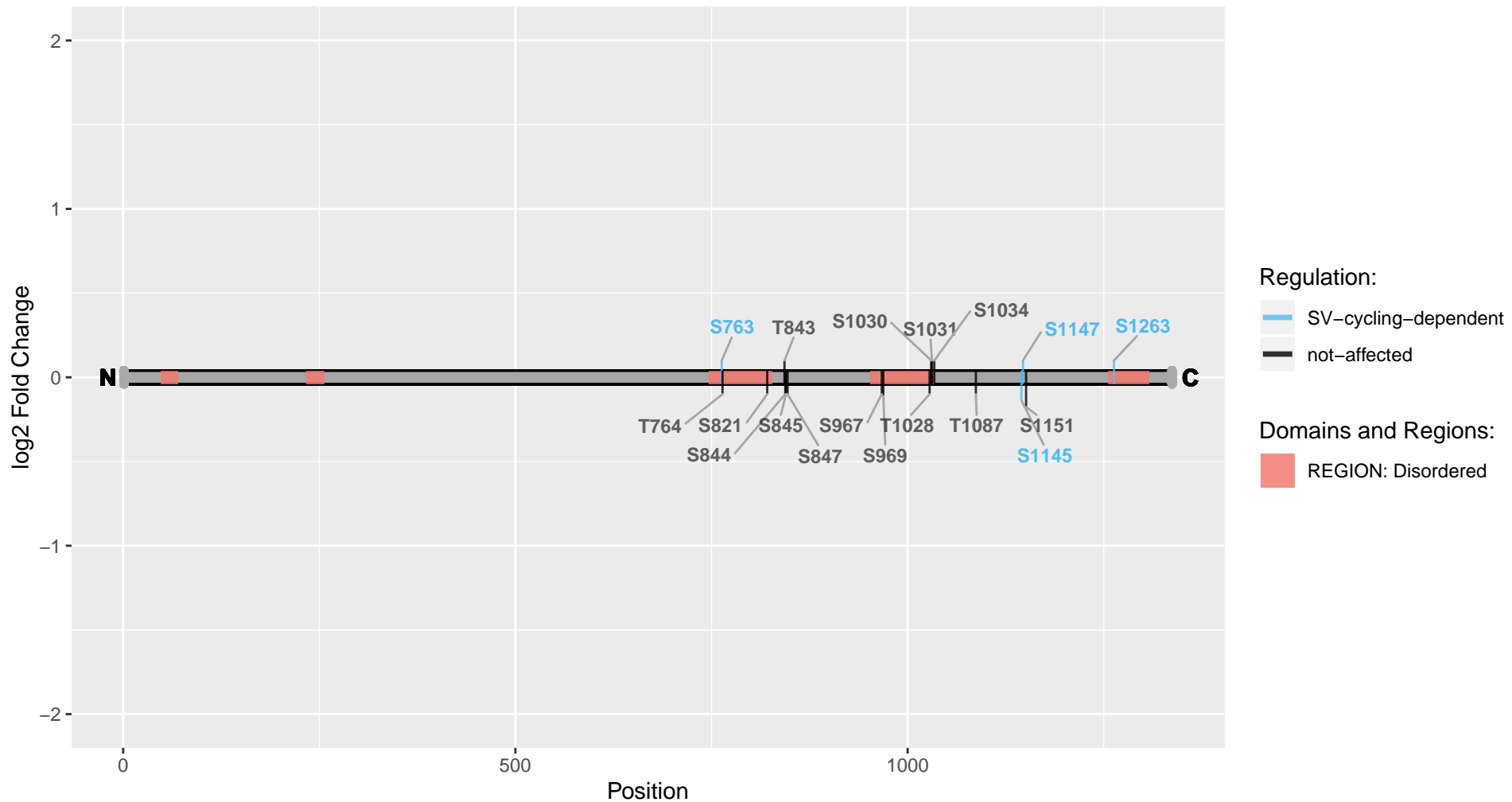
Kinase suppressor of ras 2



LOC100362814

Uniprot Accession: F1LXC7

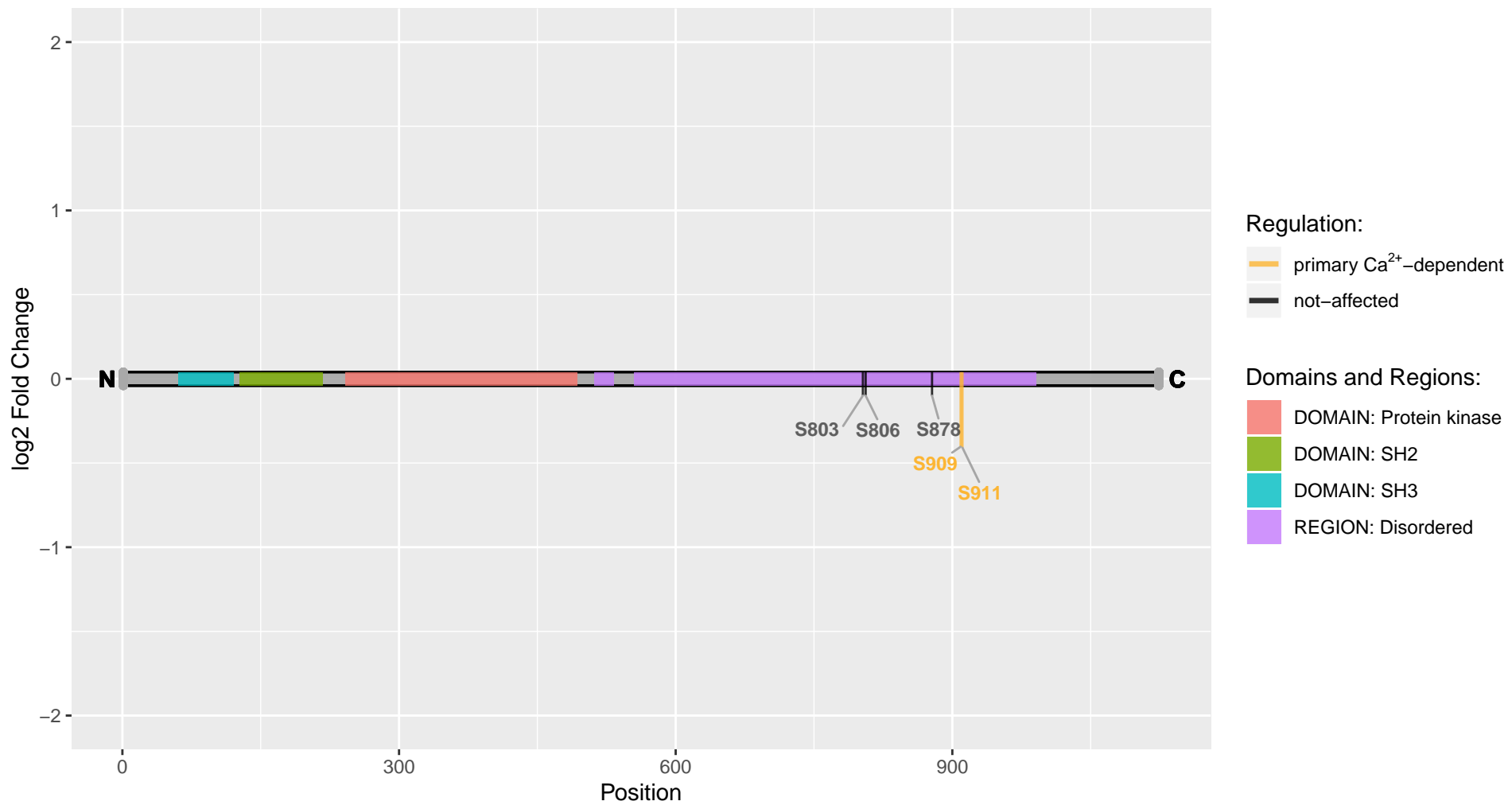
Hypothetical protein LOC100362814



LOC100909750

Uniprot Accession: D3ZGM3

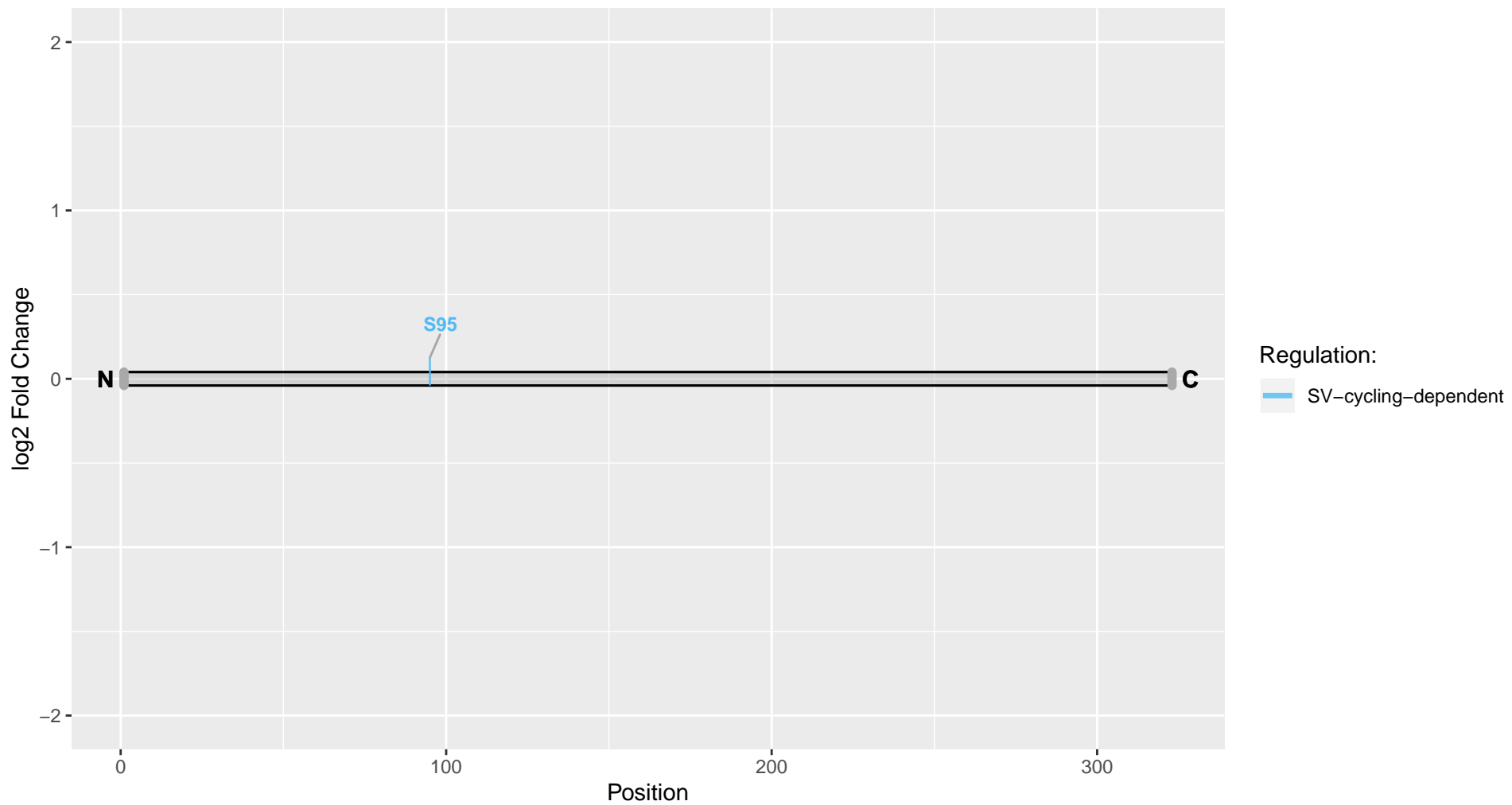
Tyrosine-protein kinase



LOC100911440

Uniprot Accession: A0A0G2K5L2

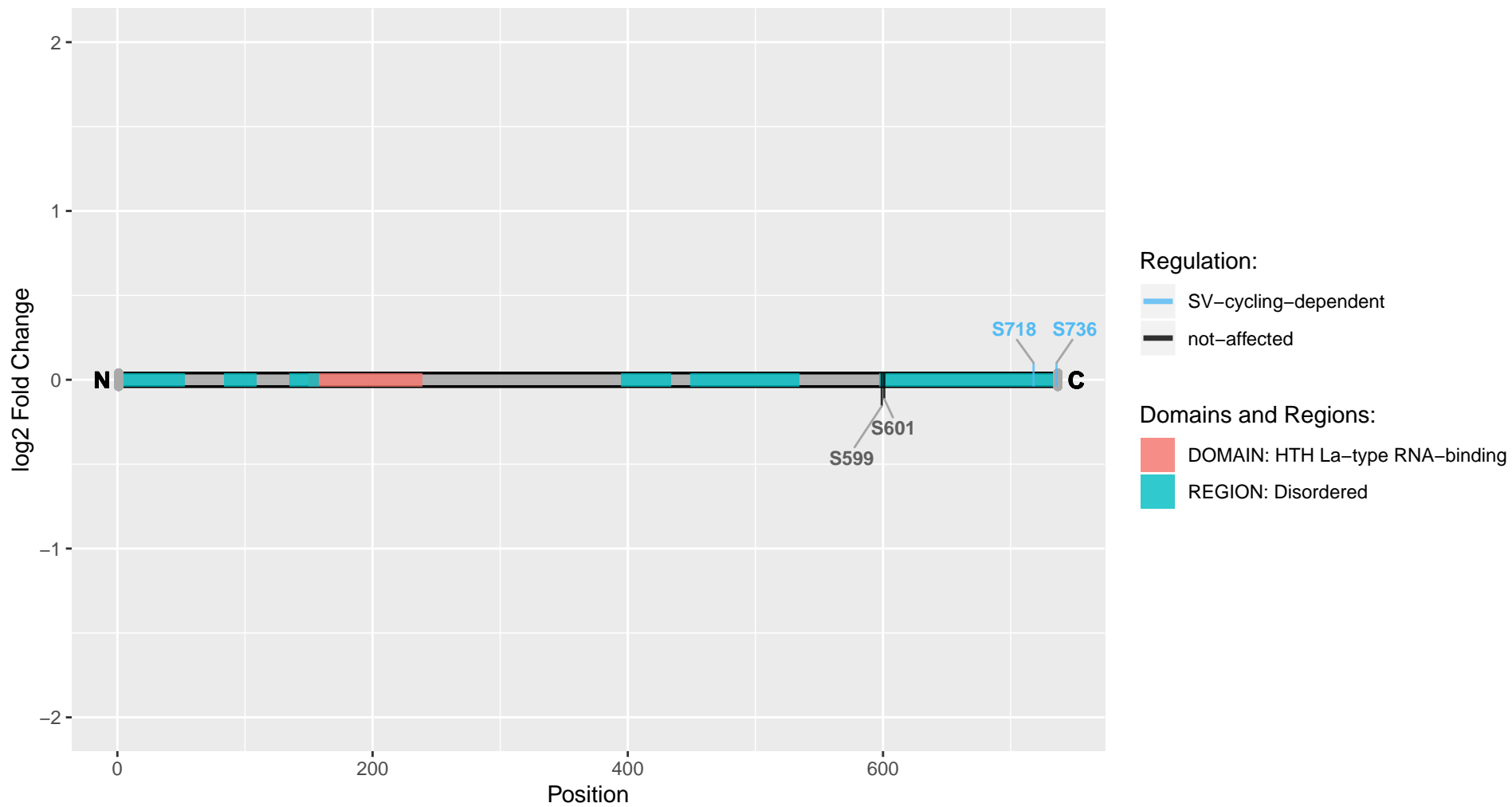
RCG47744, isoform CRA_c



Larp4b

Uniprot Accession: D3ZF45

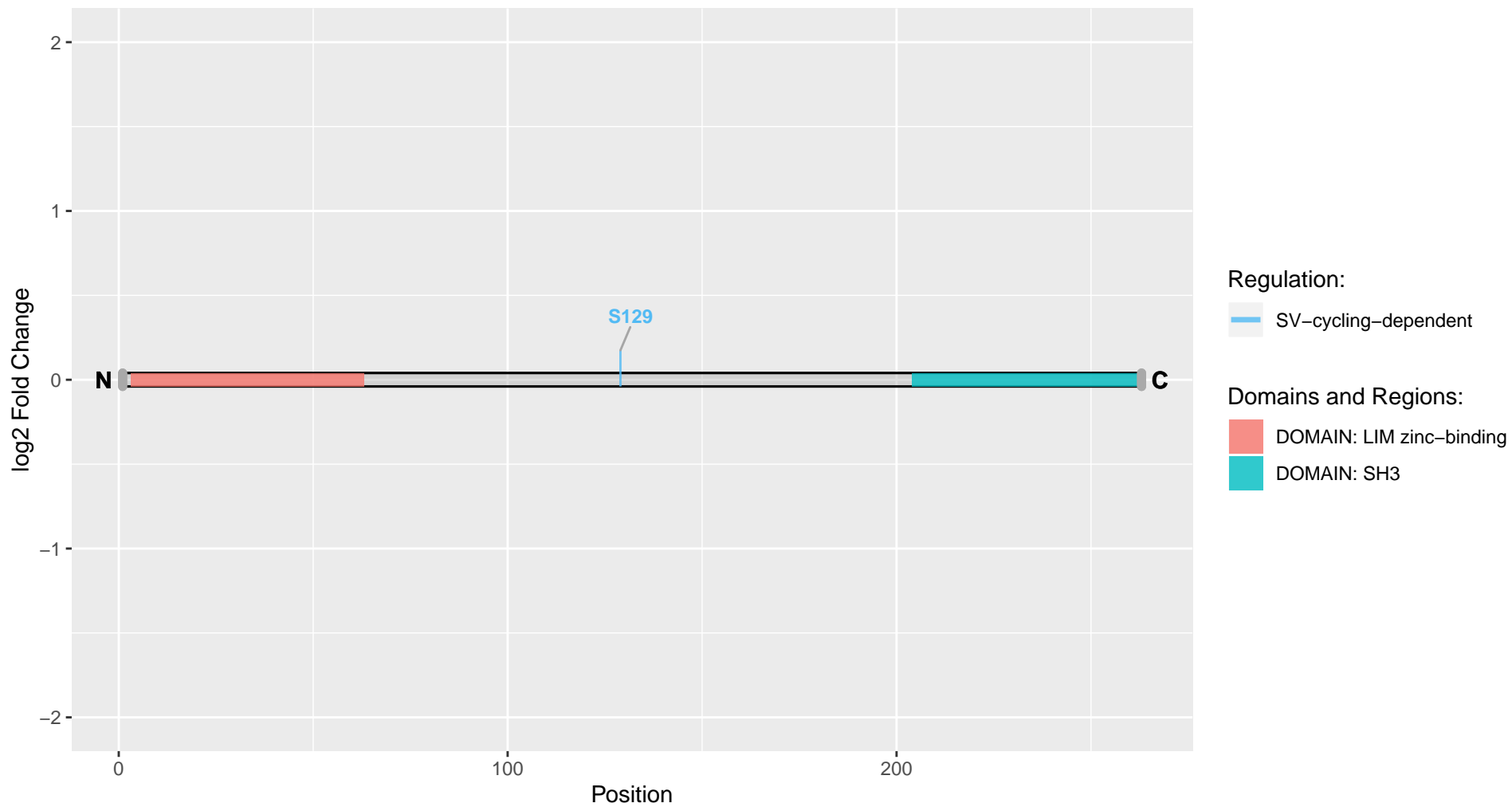
La ribonucleoprotein domain family, member 4B



Lasp1

Uniprot Accession: Q99MZ8

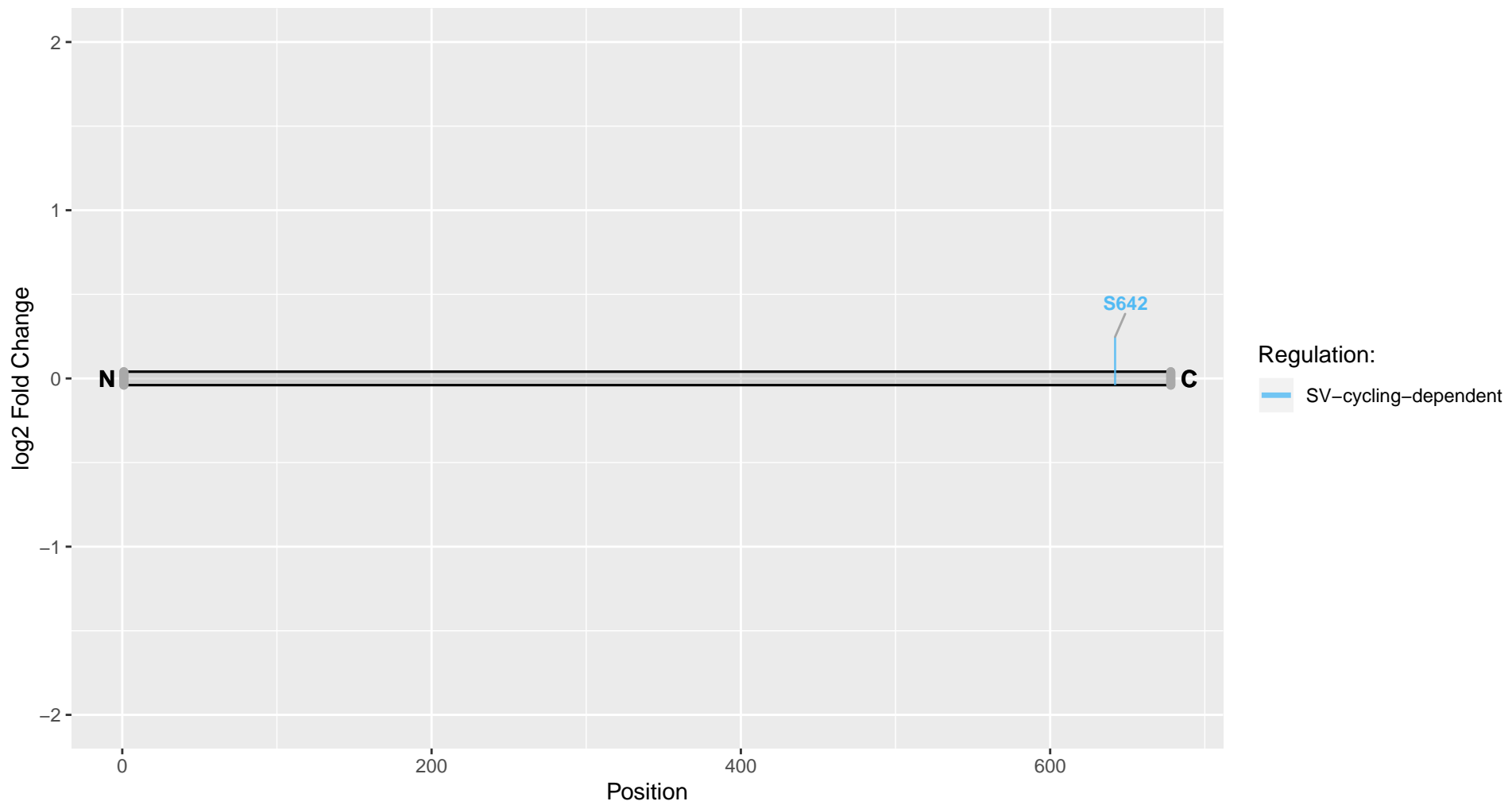
LIM and SH3 domain protein 1



Leo1

Uniprot Accession: Q641X2

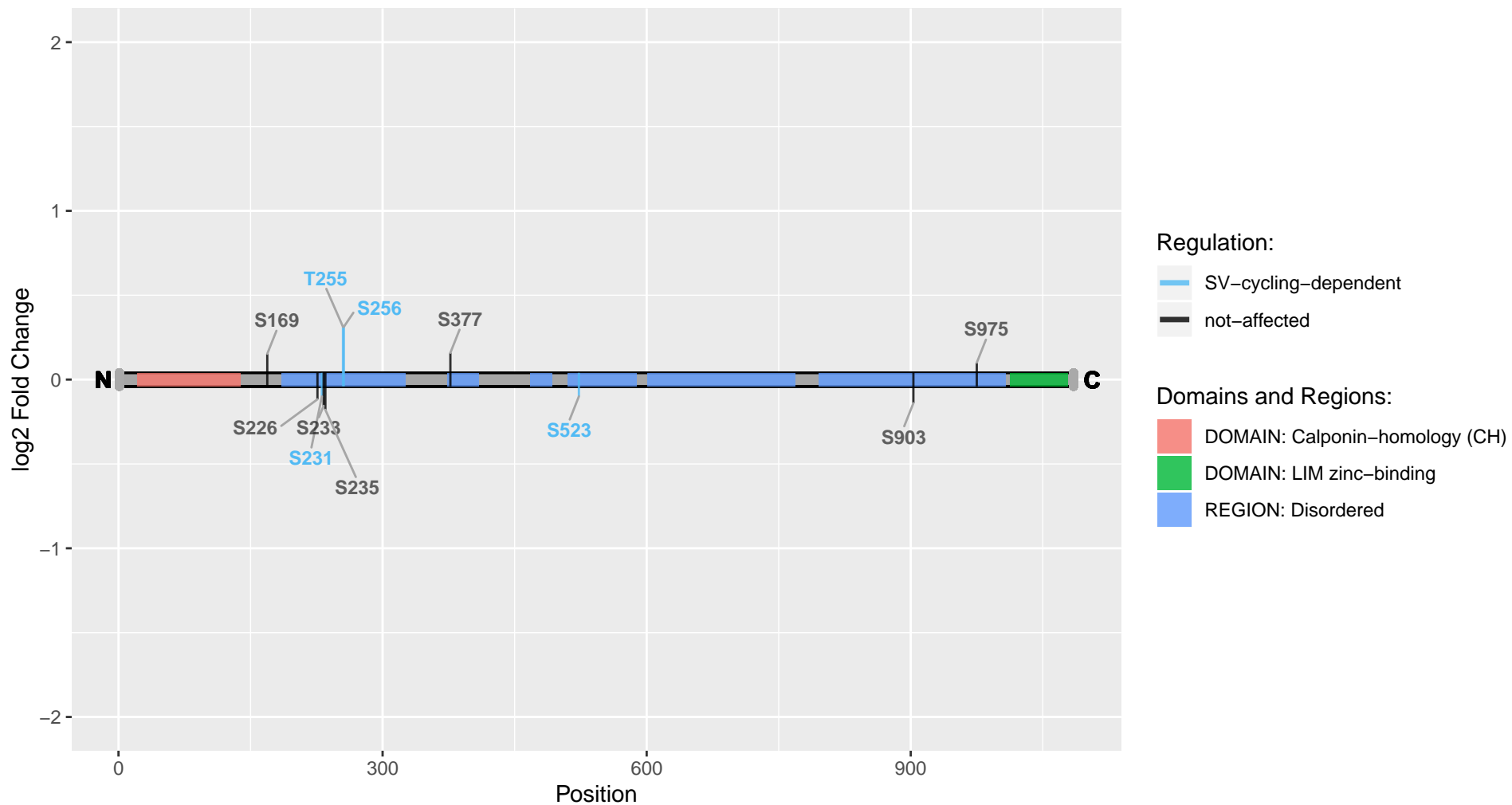
RNA polymerase-associated protein LEO1



Limch1

Uniprot Accession: F1M392

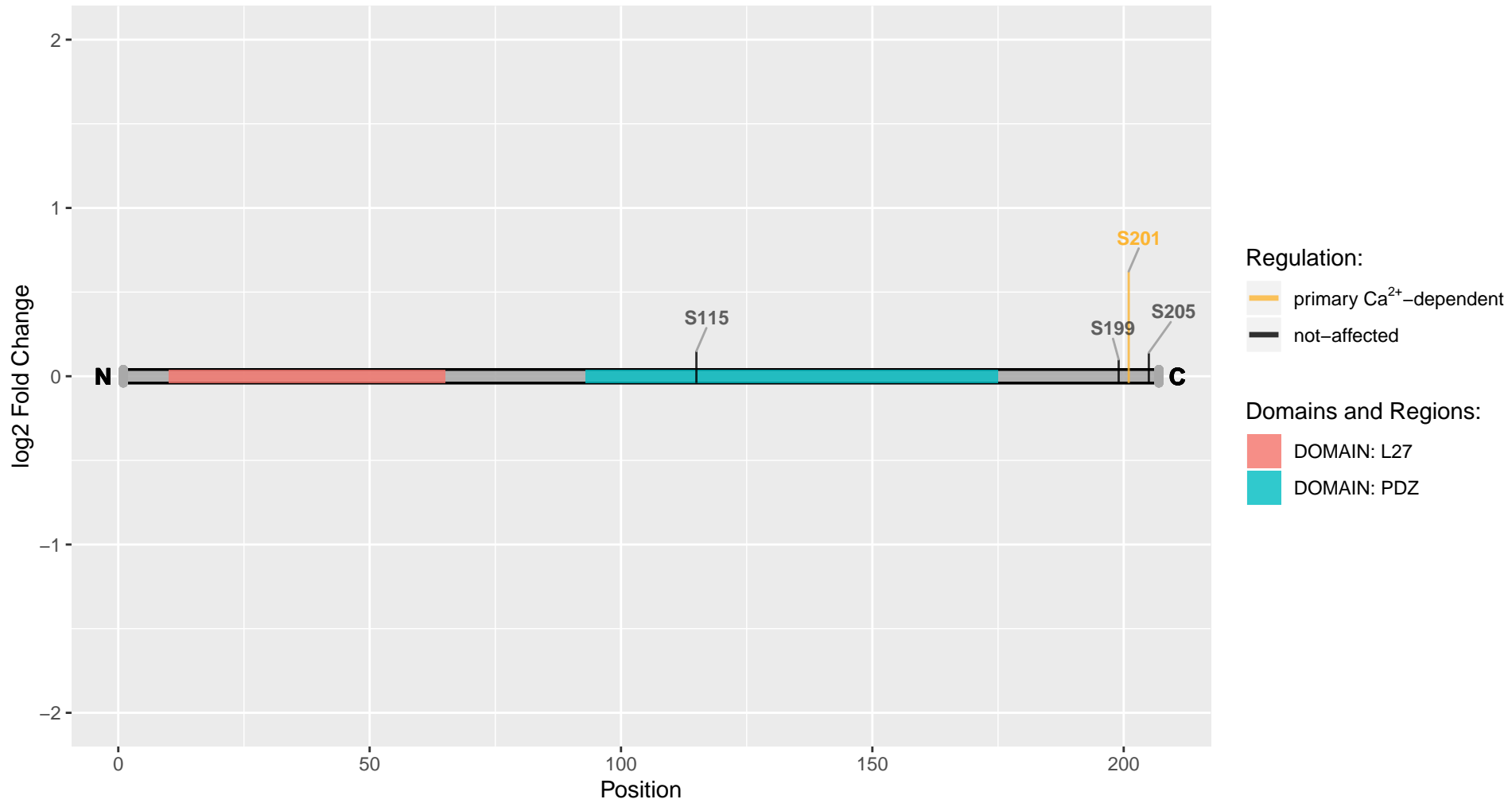
LIM and calponin homology domains 1



Lin7b

Uniprot Accession: Q9Z252

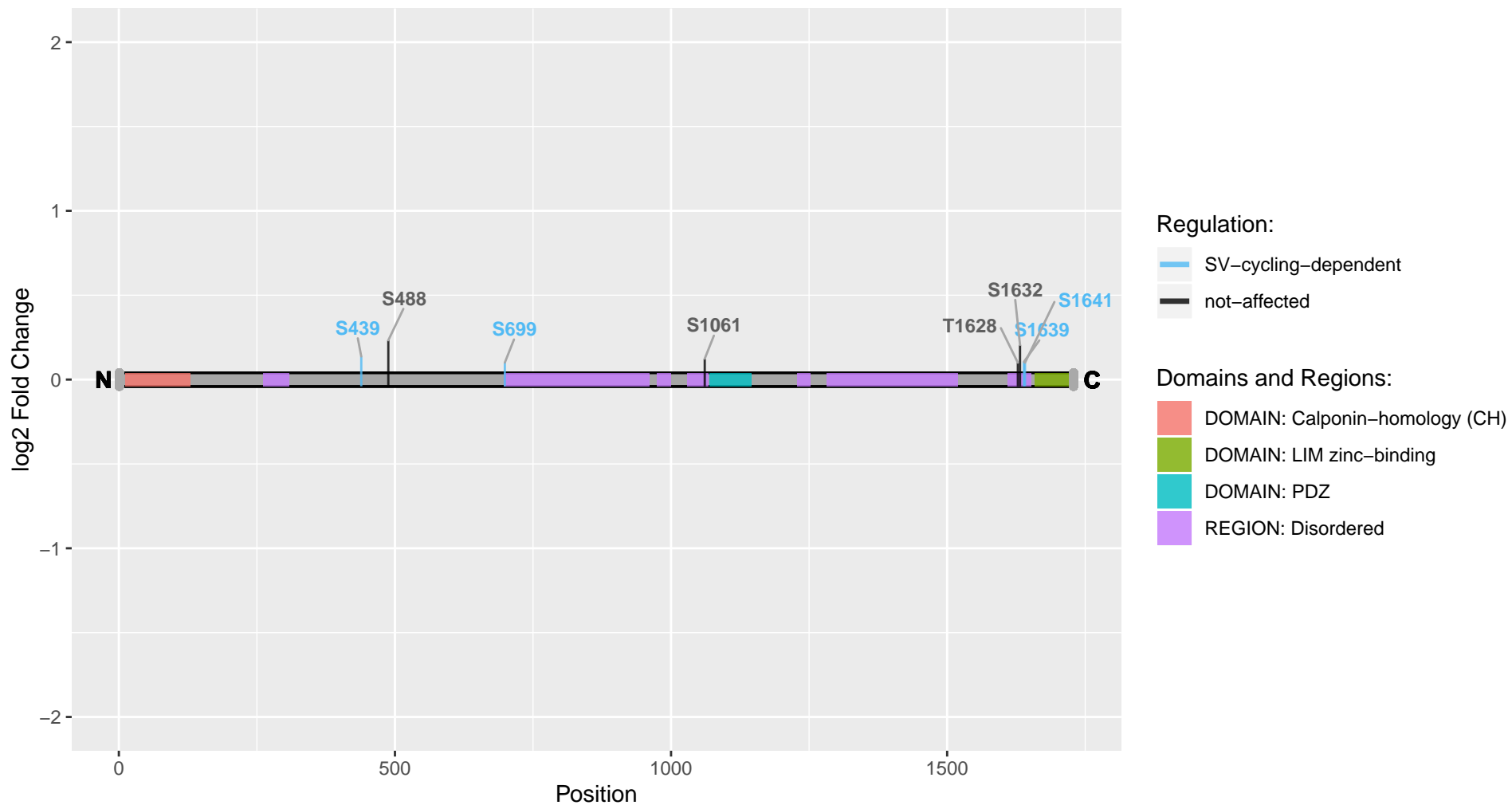
Protein lin-7 homolog B



Lmo7

Uniprot Accession: A0A0G2K8R3

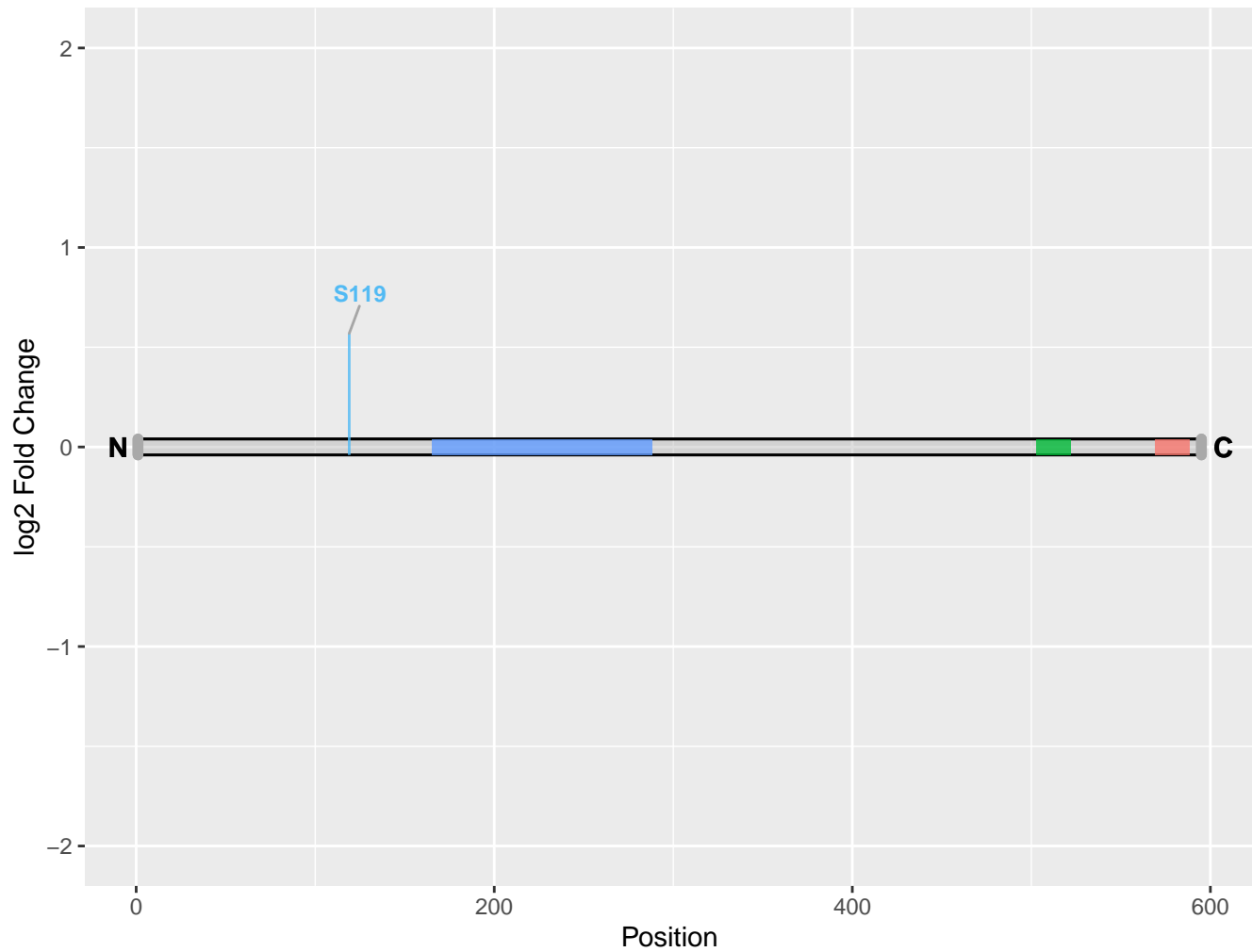
LIM domain 7



Lmod1

Uniprot Accession: A0A0G2K0D3

Leiomodin-1



Regulation:

SV-cycling-dependent

Domains and Regions:

DOMAIN: WH2

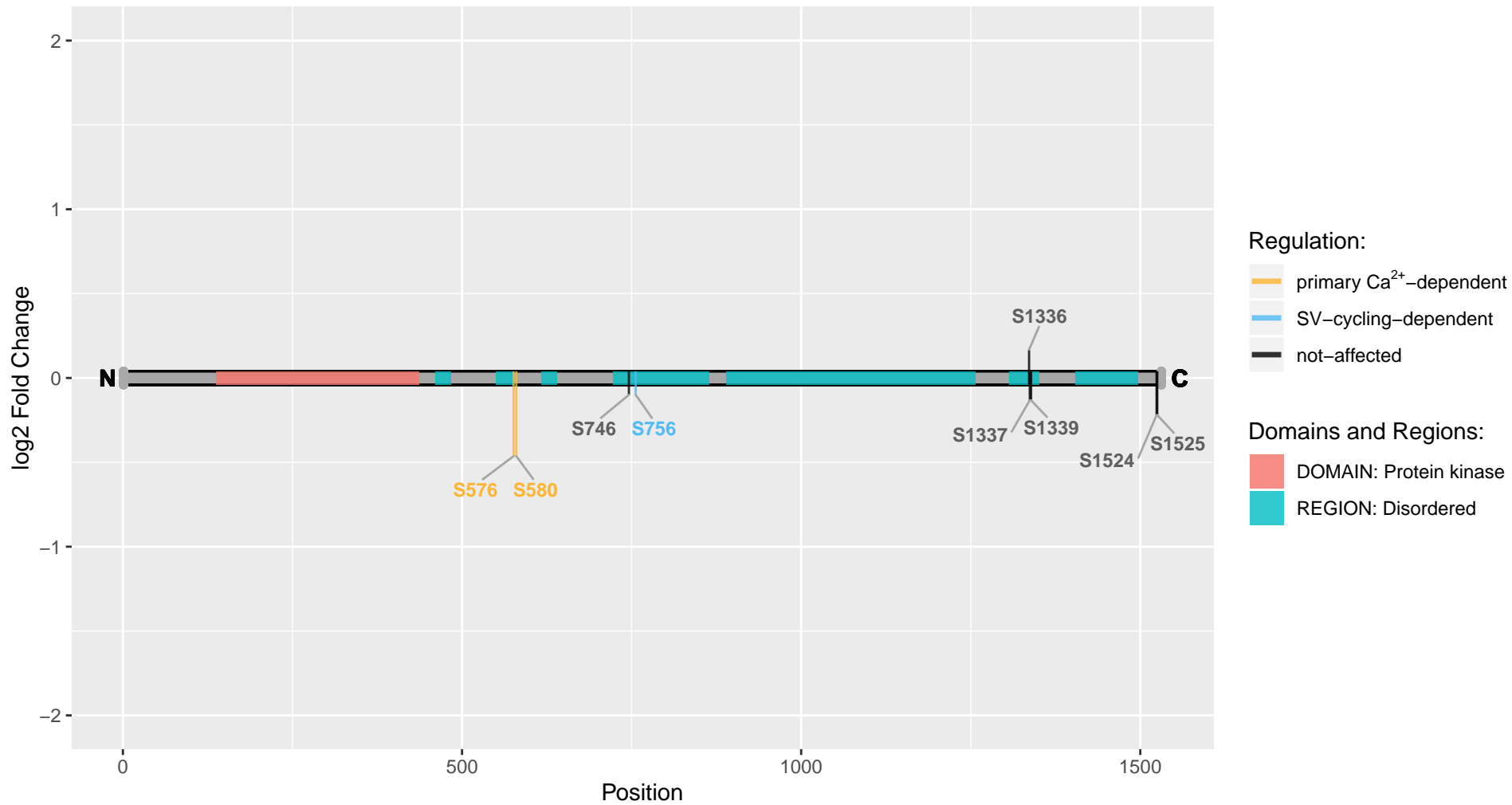
REGION: 5 X 4 AA approximate tandem repeats

REGION: 8 X approximate tandem repeats

Lmtk2

Uniprot Accession: D3ZBH5

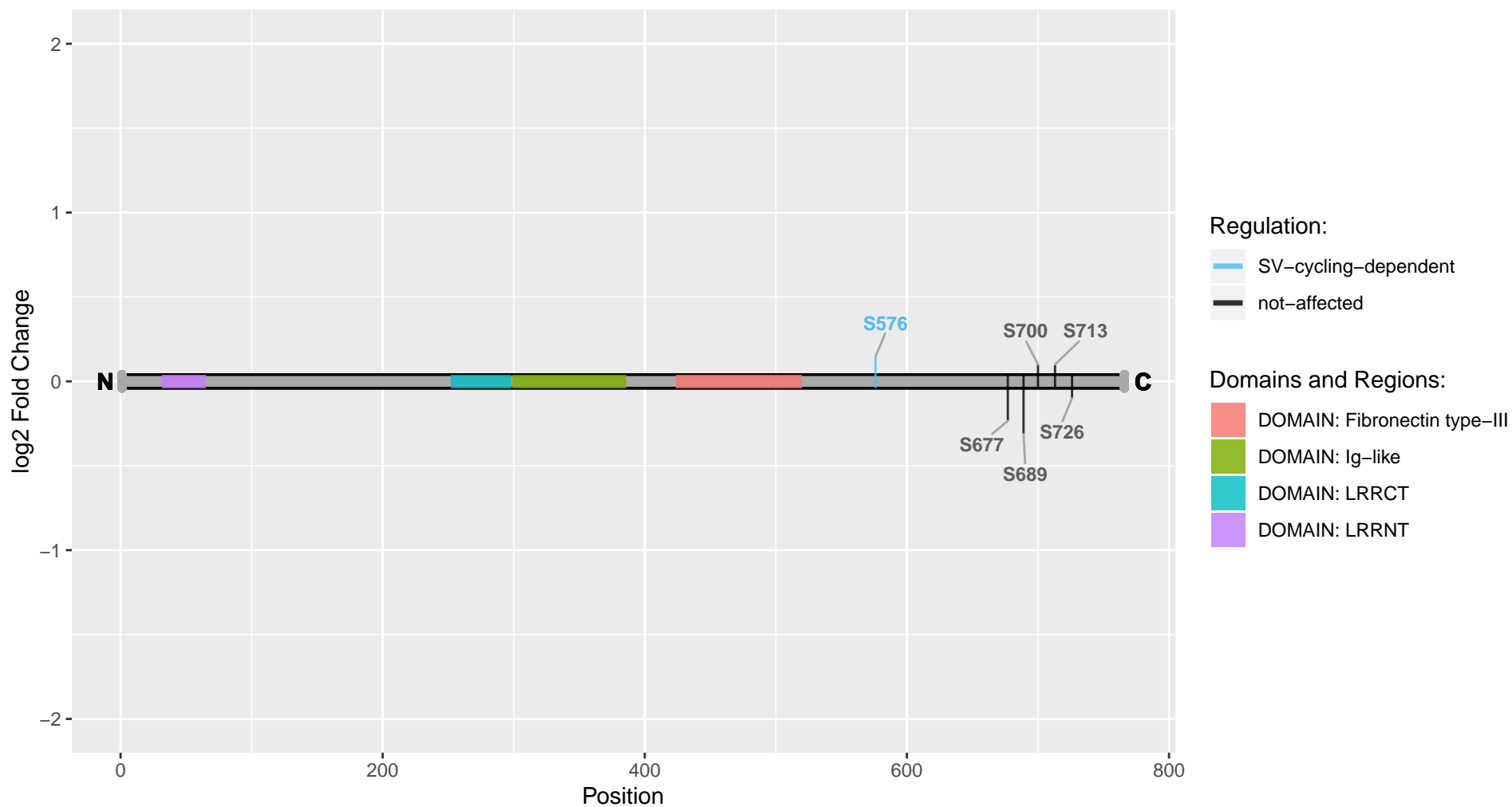
Lemur tyrosine kinase 2



Lrtn1

Uniprot Accession: P0C7J6

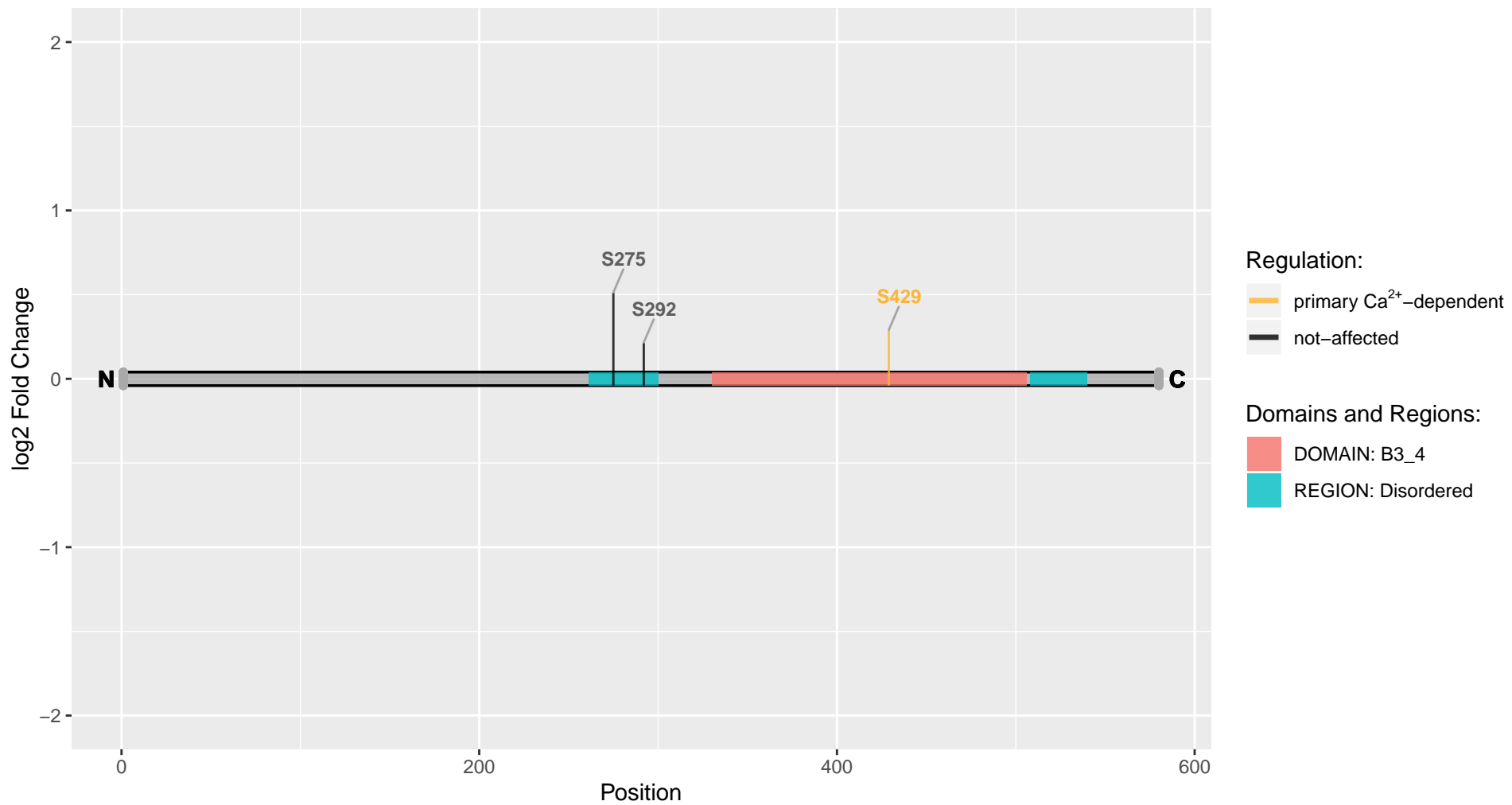
Leucine-rich repeat and fibronectin type III domain-containing protein 1



Lrrc47

Uniprot Accession: F1LT49

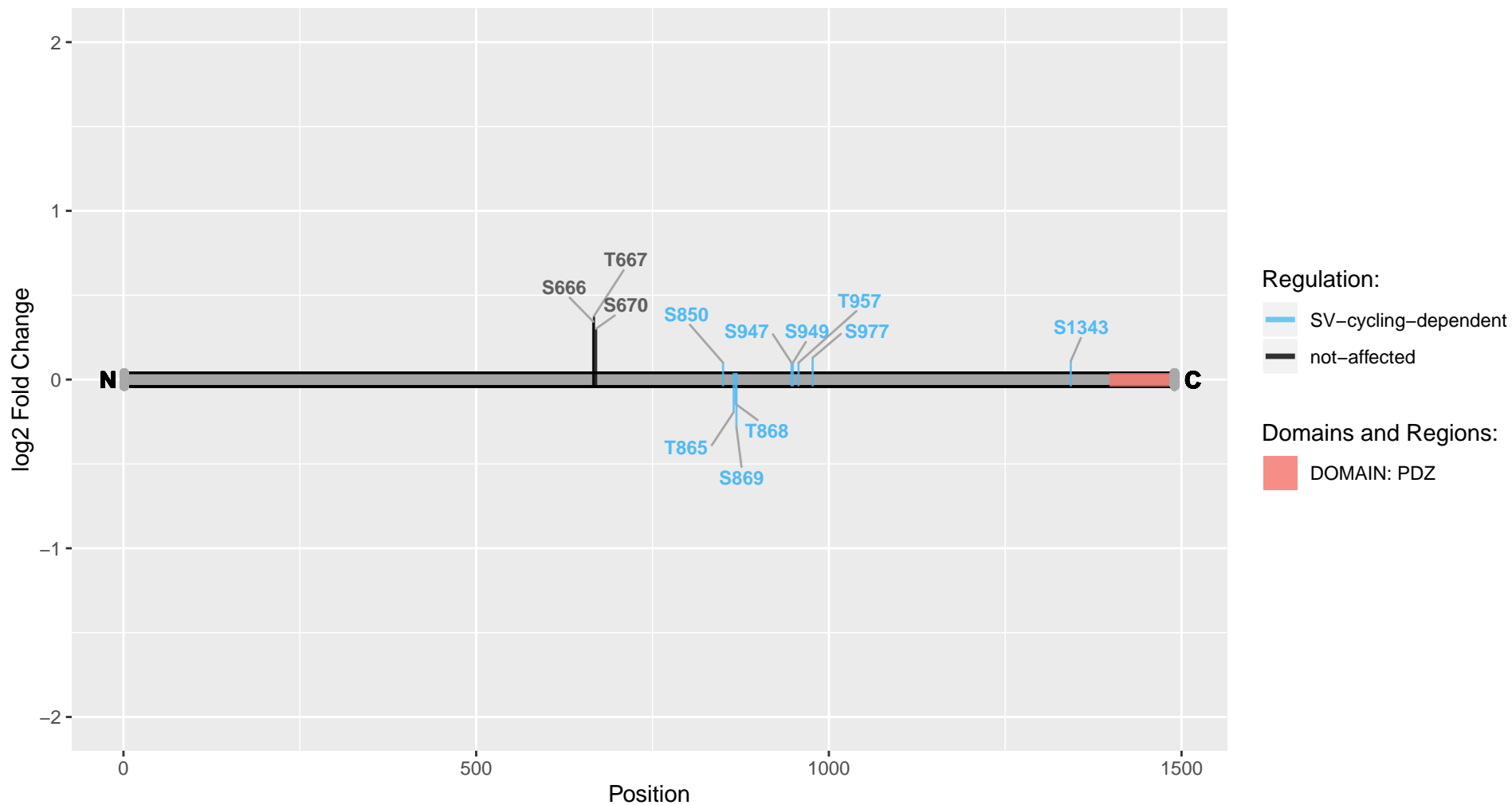
Leucine-rich repeat-containing 47



Lrrc7

Uniprot Accession: P70587

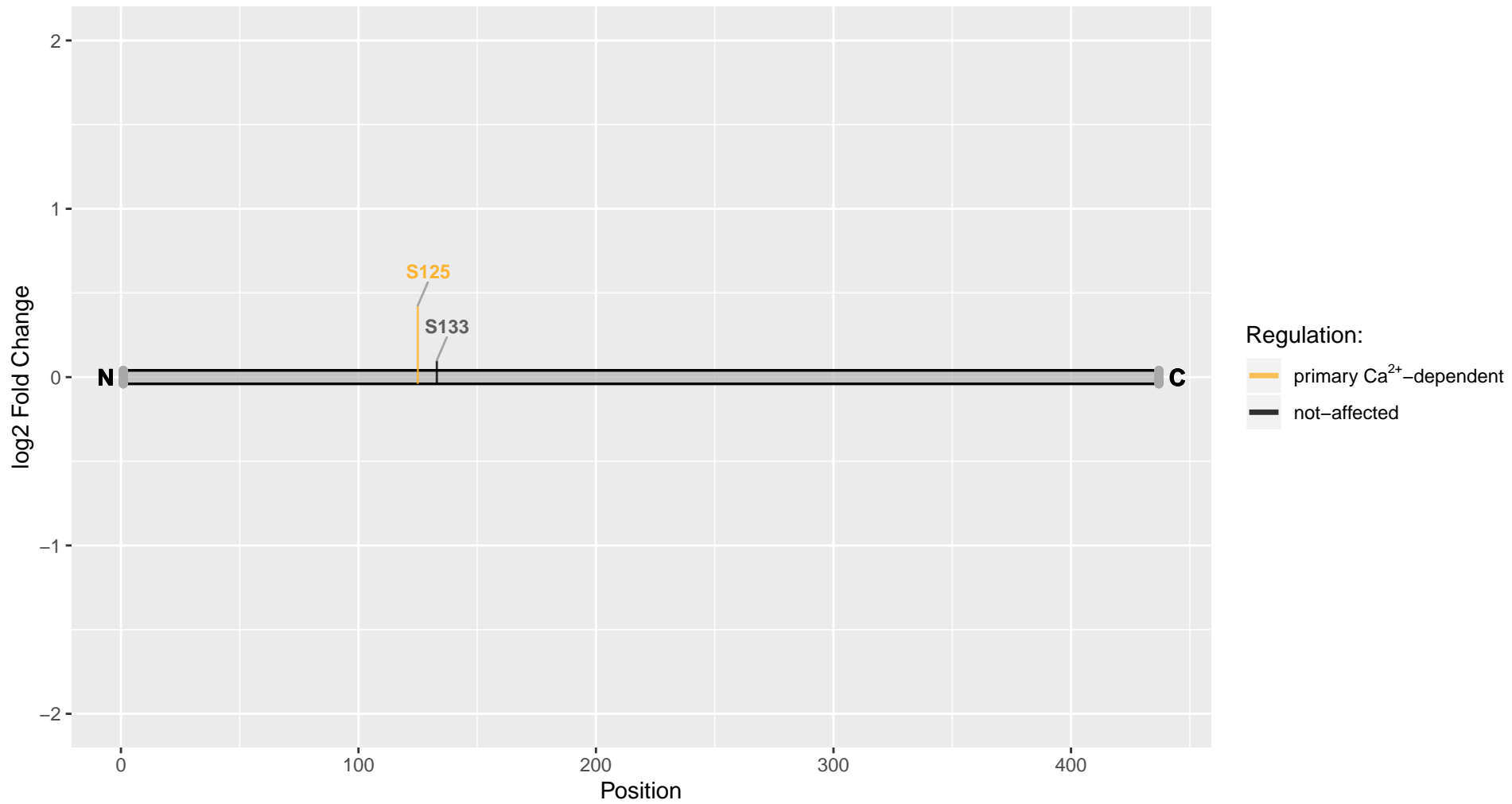
Leucine-rich repeat-containing protein 7



Lrrfip2

Uniprot Accession: Q4V7E8

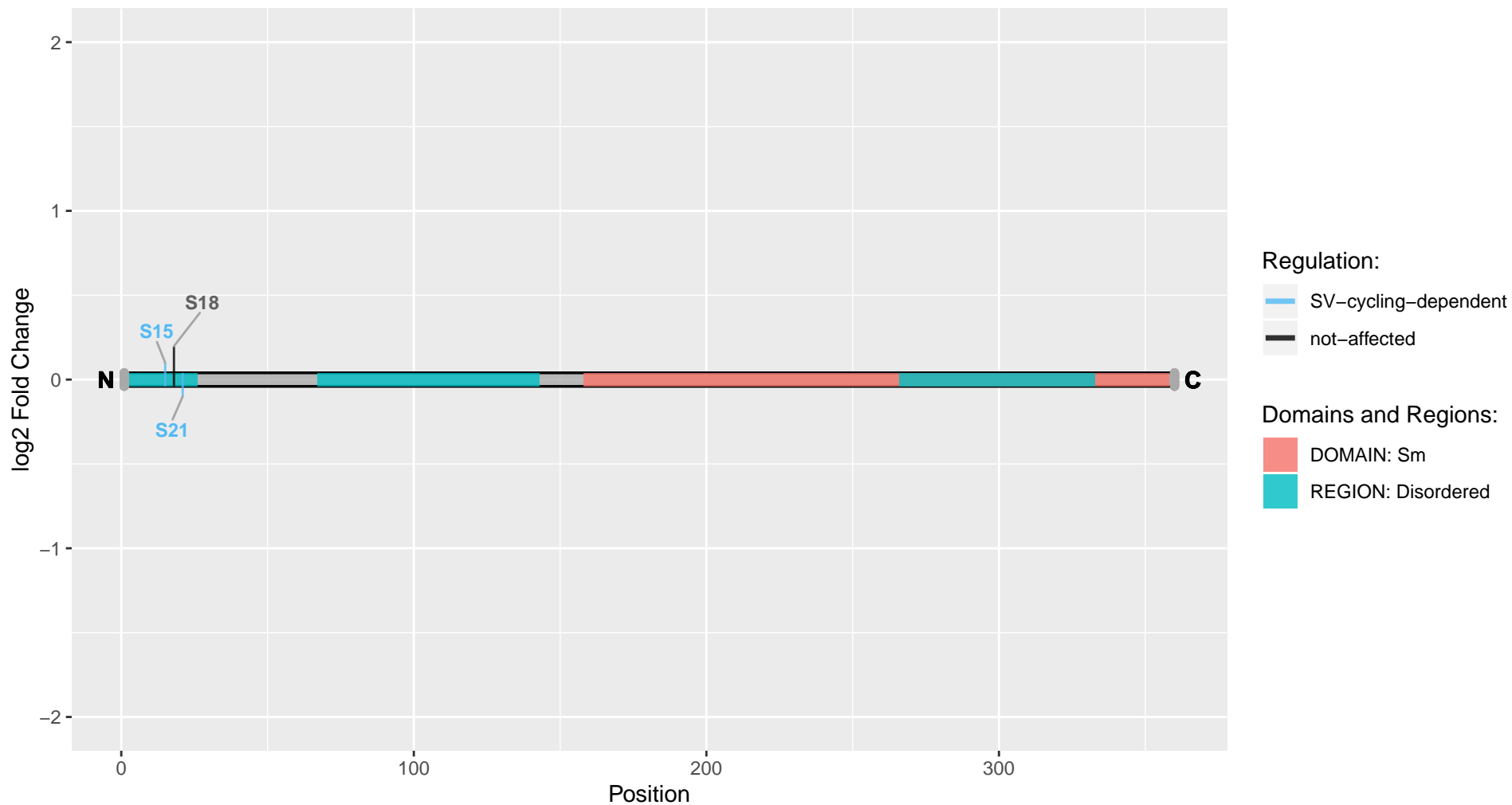
Leucine-rich repeat flightless-interacting protein 2



Lsm11

Uniprot Accession: B0BNI4

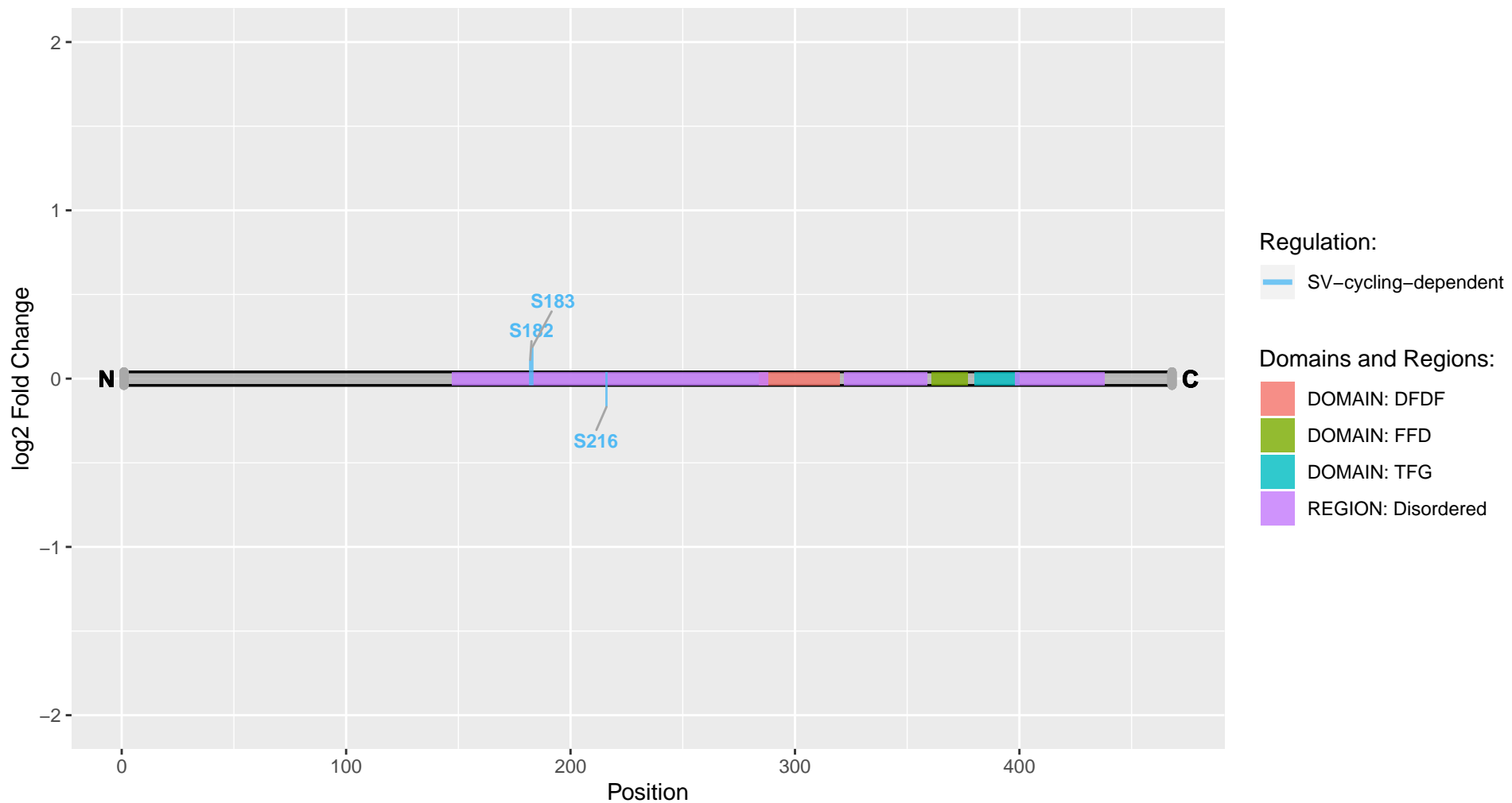
LSM11, U7 small nuclear RNA-associated



Lsm14a

Uniprot Accession: B2GV58

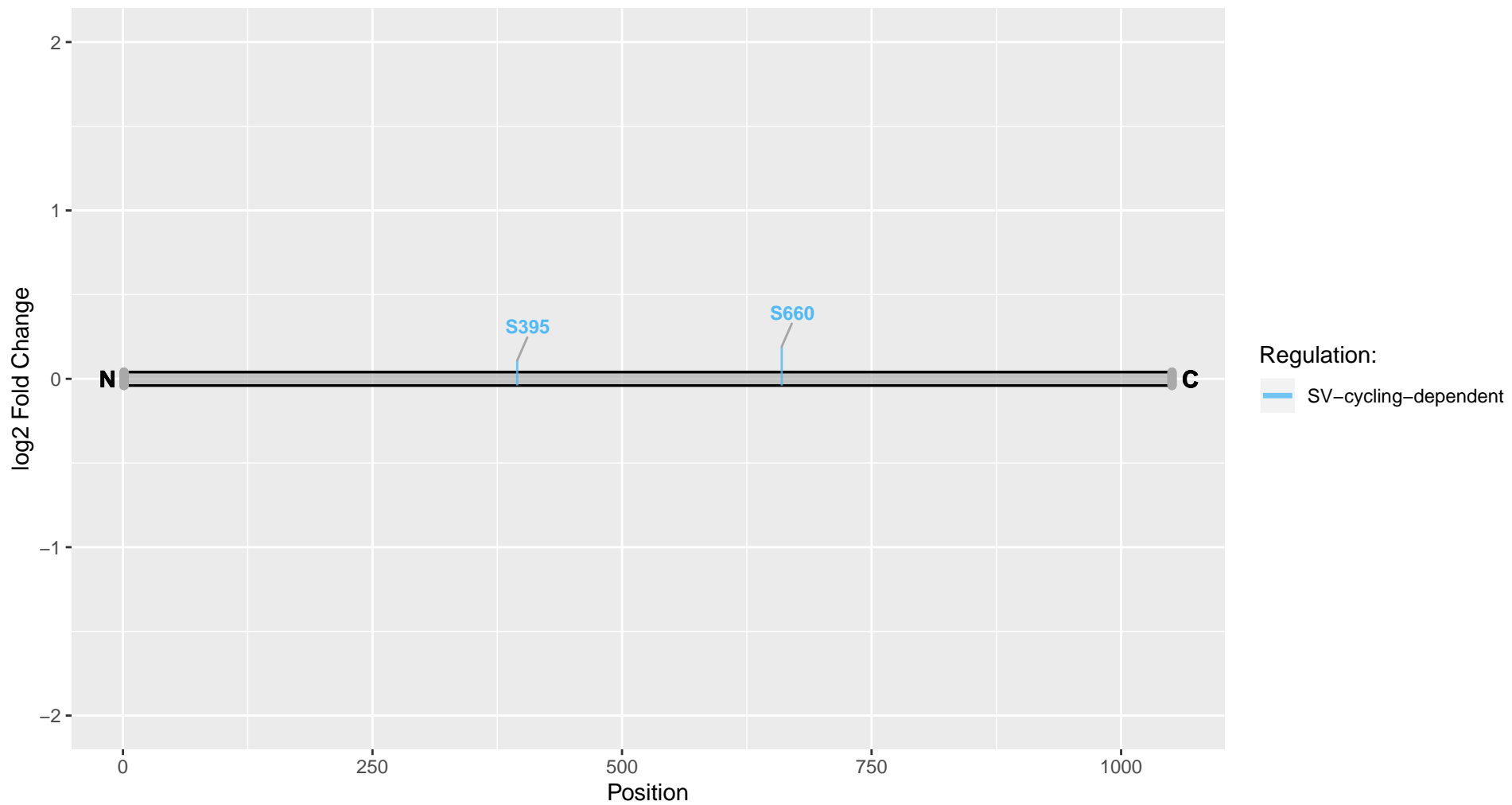
LSM14A mRNA-processing body assembly factor



Luzp1

Uniprot Accession: Q9ESV1

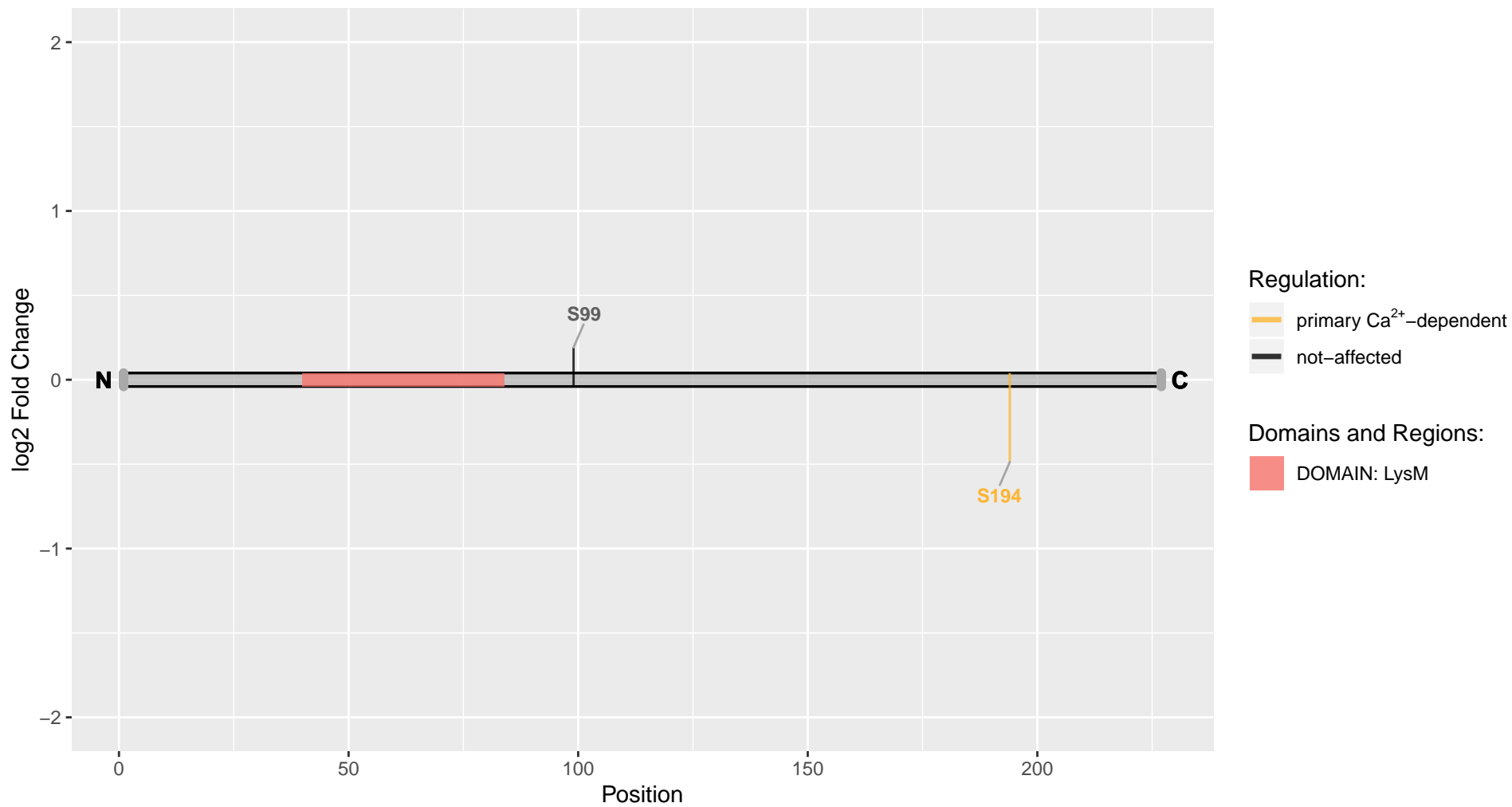
Leucine zipper protein 1



Lysmd1

Uniprot Accession: Q5HZA4

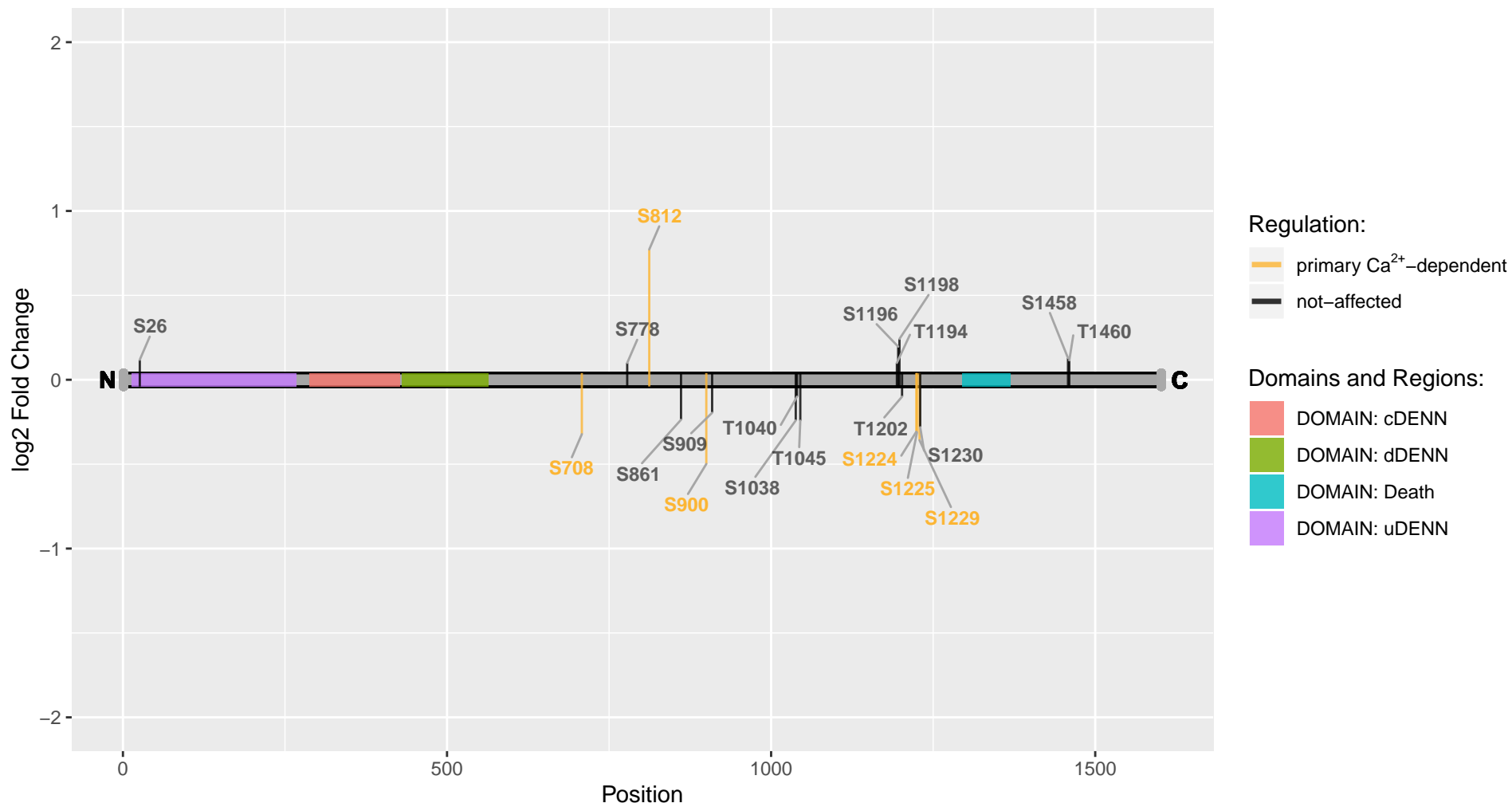
LysM and putative peptidoglycan-binding domain-containing protein 1



Madd

Uniprot Accession: O08873

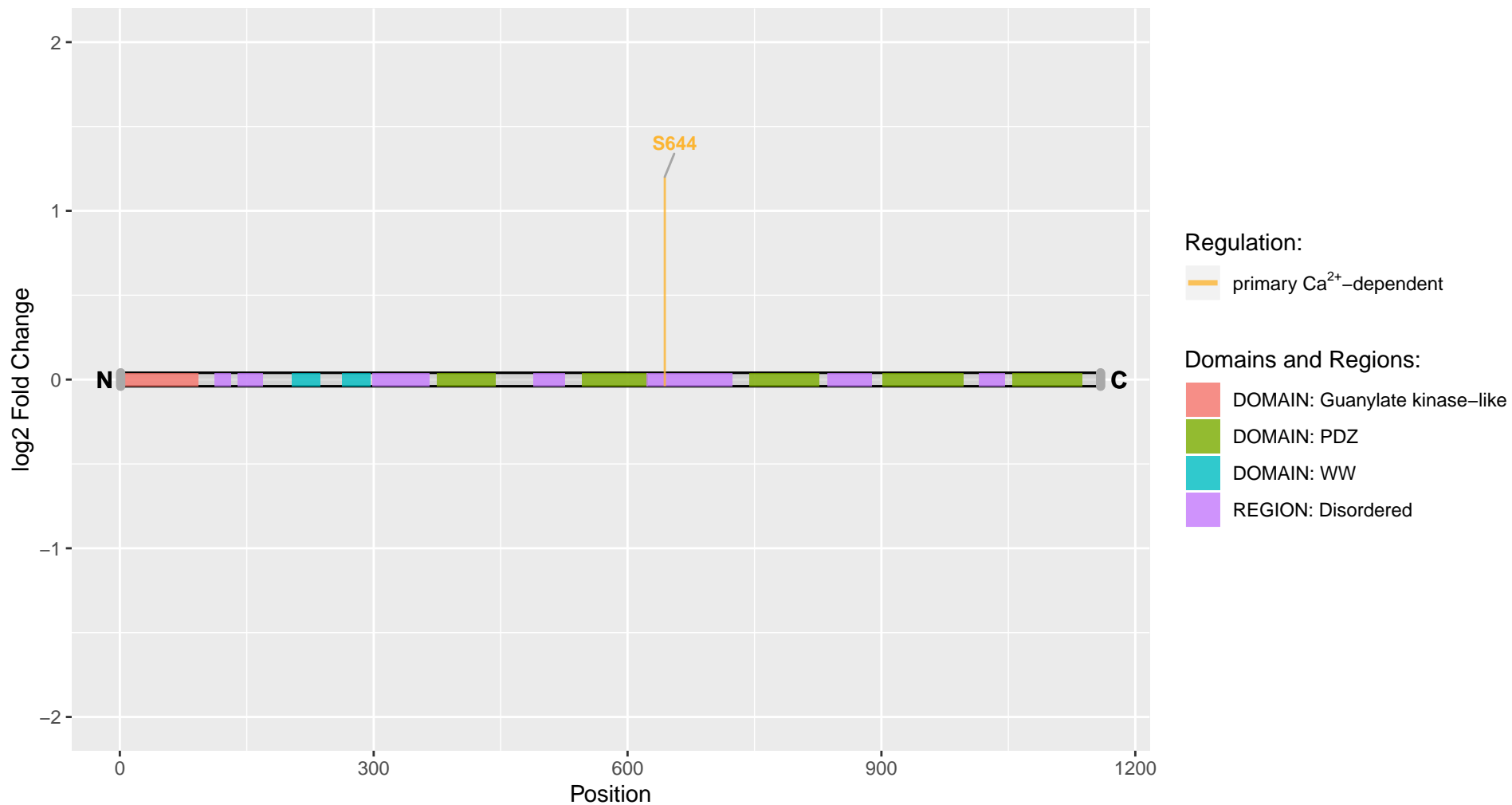
MAP kinase-activating death domain protein



Magi1

Uniprot Accession: M0R8T1

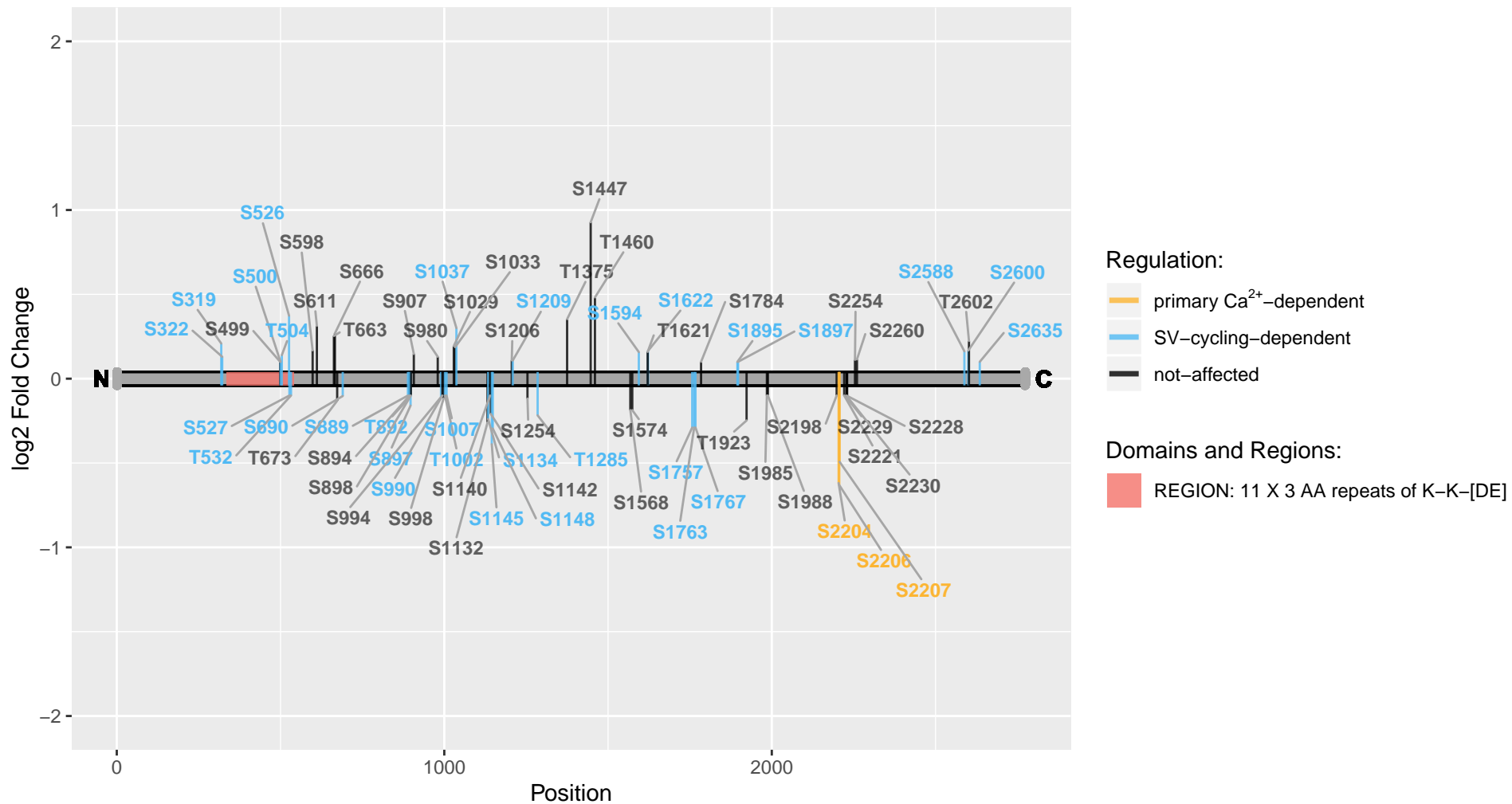
Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1



Map1a

Uniprot Accession: P34926

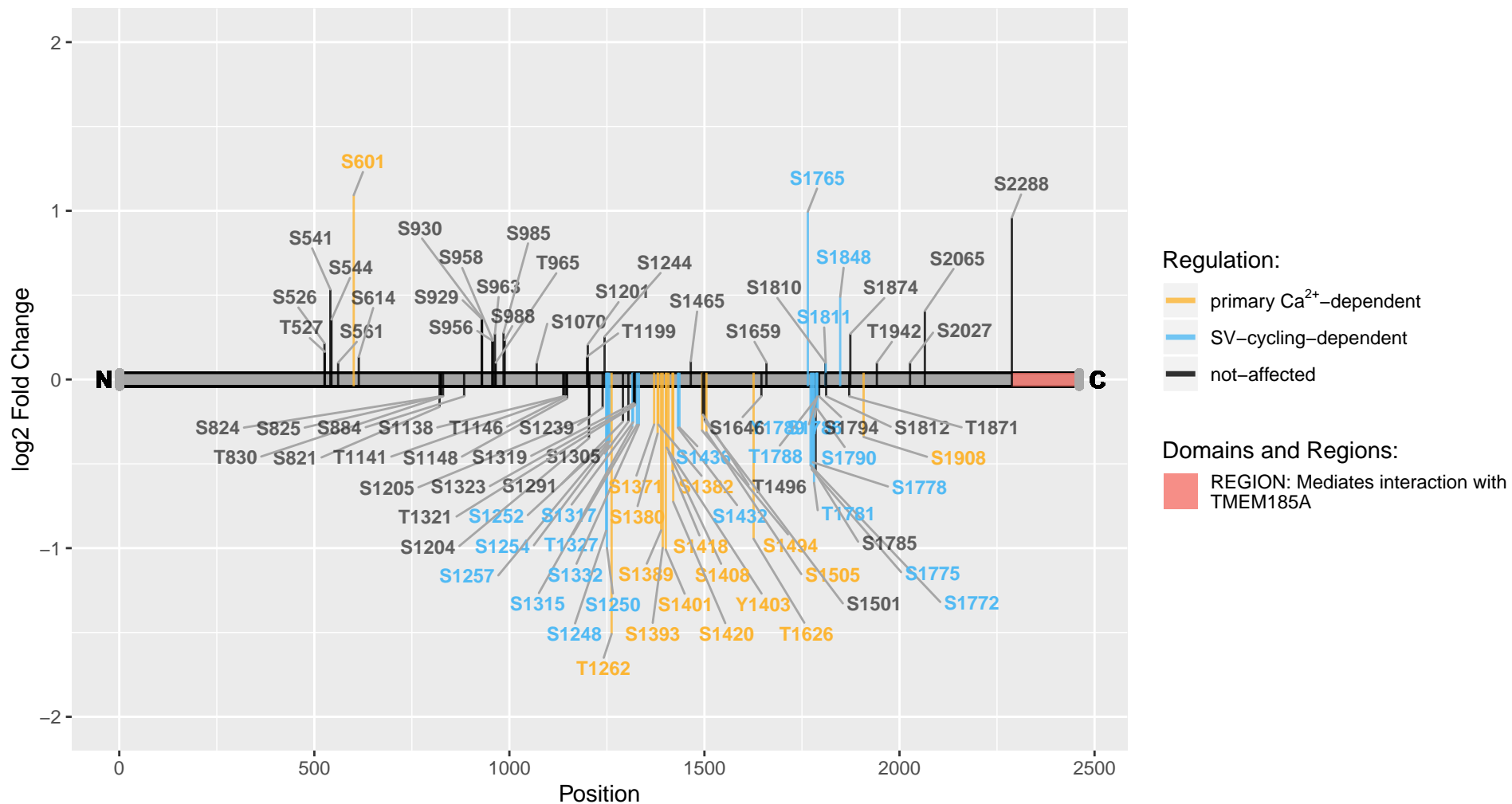
Microtubule-associated protein 1A



Map1b

Uniprot Accession: P15205

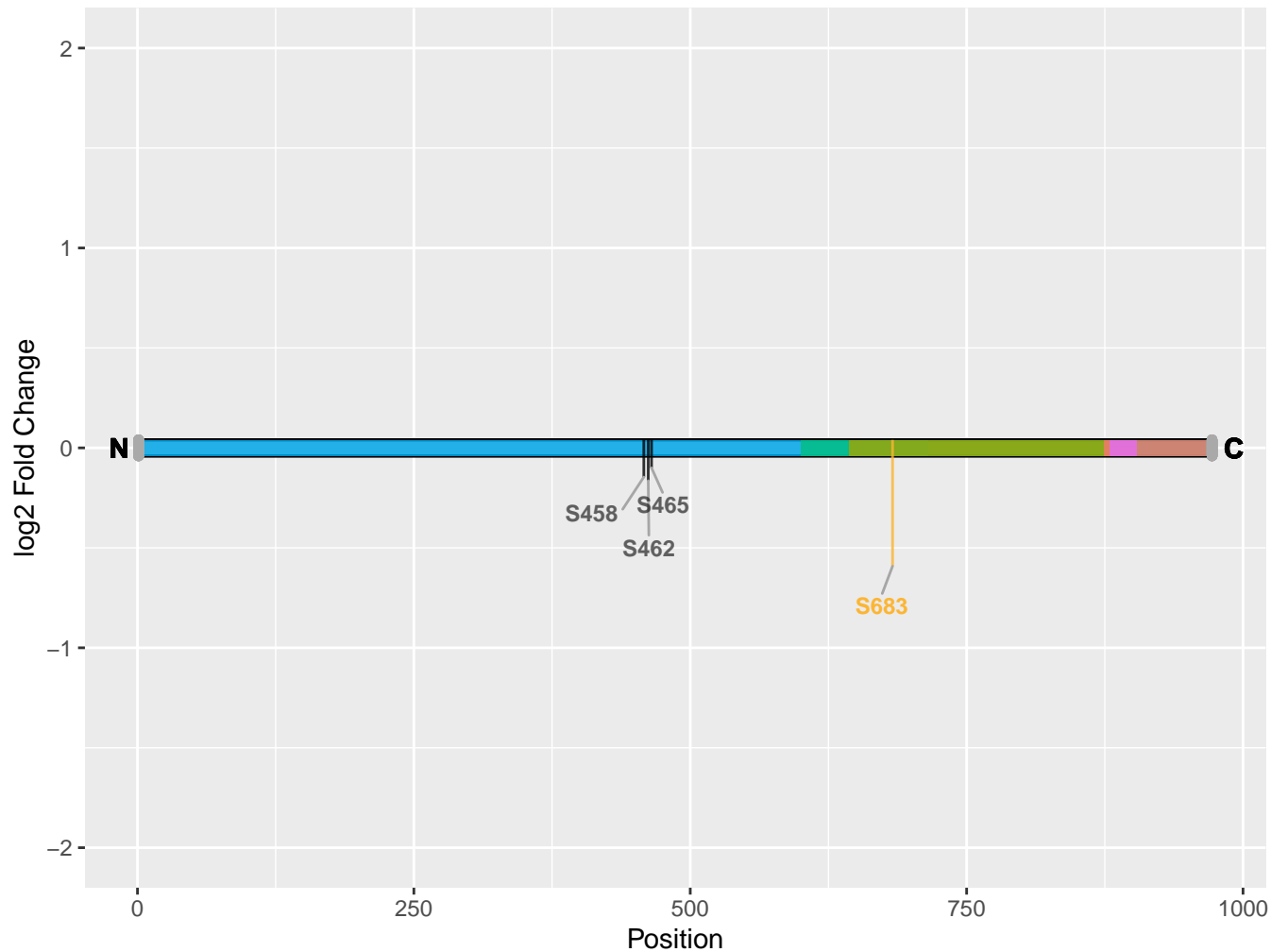
Microtubule-associated protein 1B



Map1s

Uniprot Accession: P0C5W1

Microtubule-associated protein 1S



Regulation:

- primary Ca²⁺-dependent
- not-affected

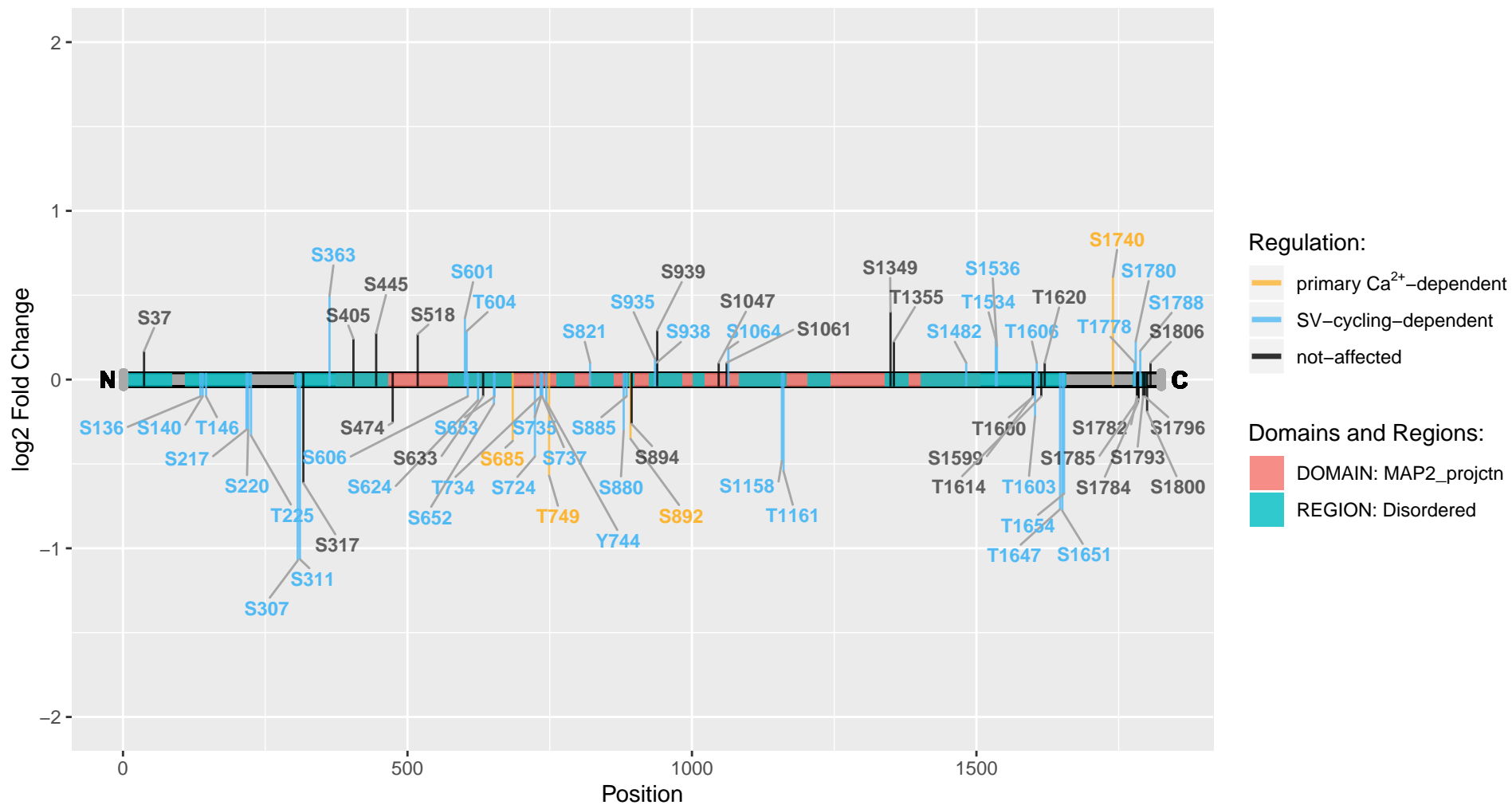
Domains and Regions:

- REGION: Necessary for association with actin
- REGION: Necessary for association with microtubules
- REGION: Necessary for interaction with RASSF1
- REGION: Necessary for the microtubule-organizing center localization
- REGION: Necessary for the mitochondrial aggregation and genome destruction

Map2

Uniprot Accession: F1MAQ5

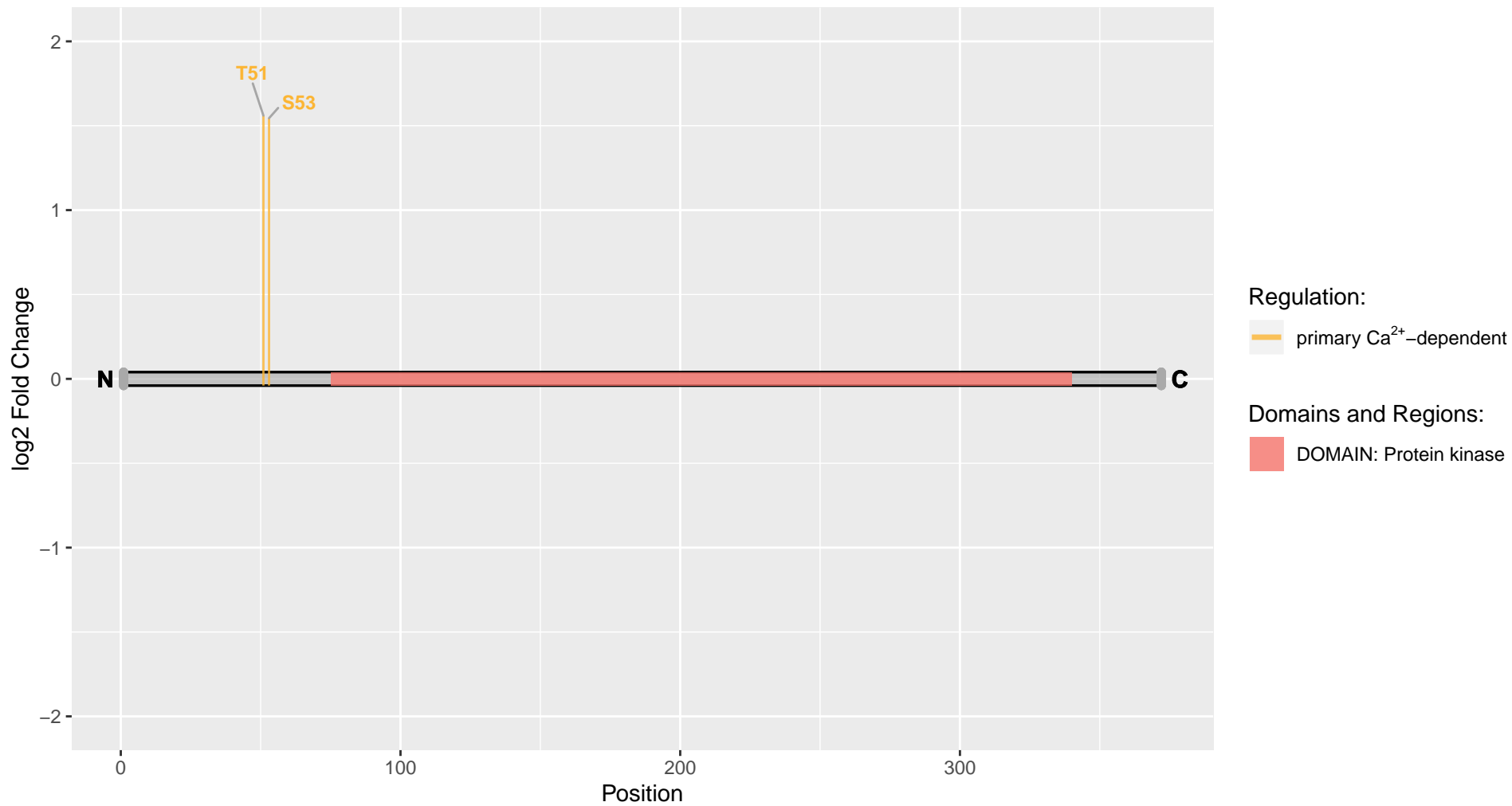
Microtubule-associated protein



Map2k4

Uniprot Accession: F1LP57

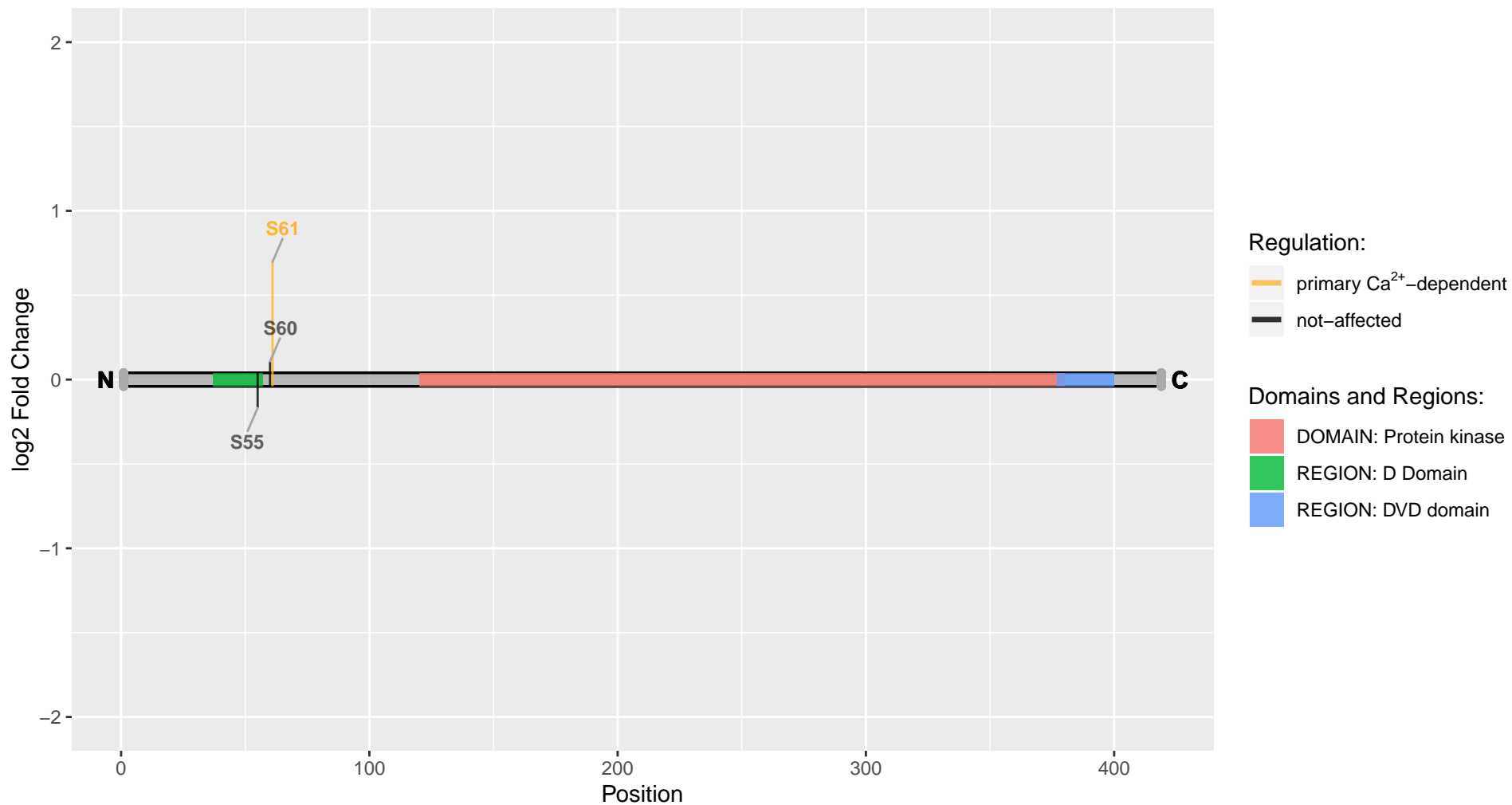
Mitogen-activated protein kinase 4



Map2k7

Uniprot Accession: Q4KSH7

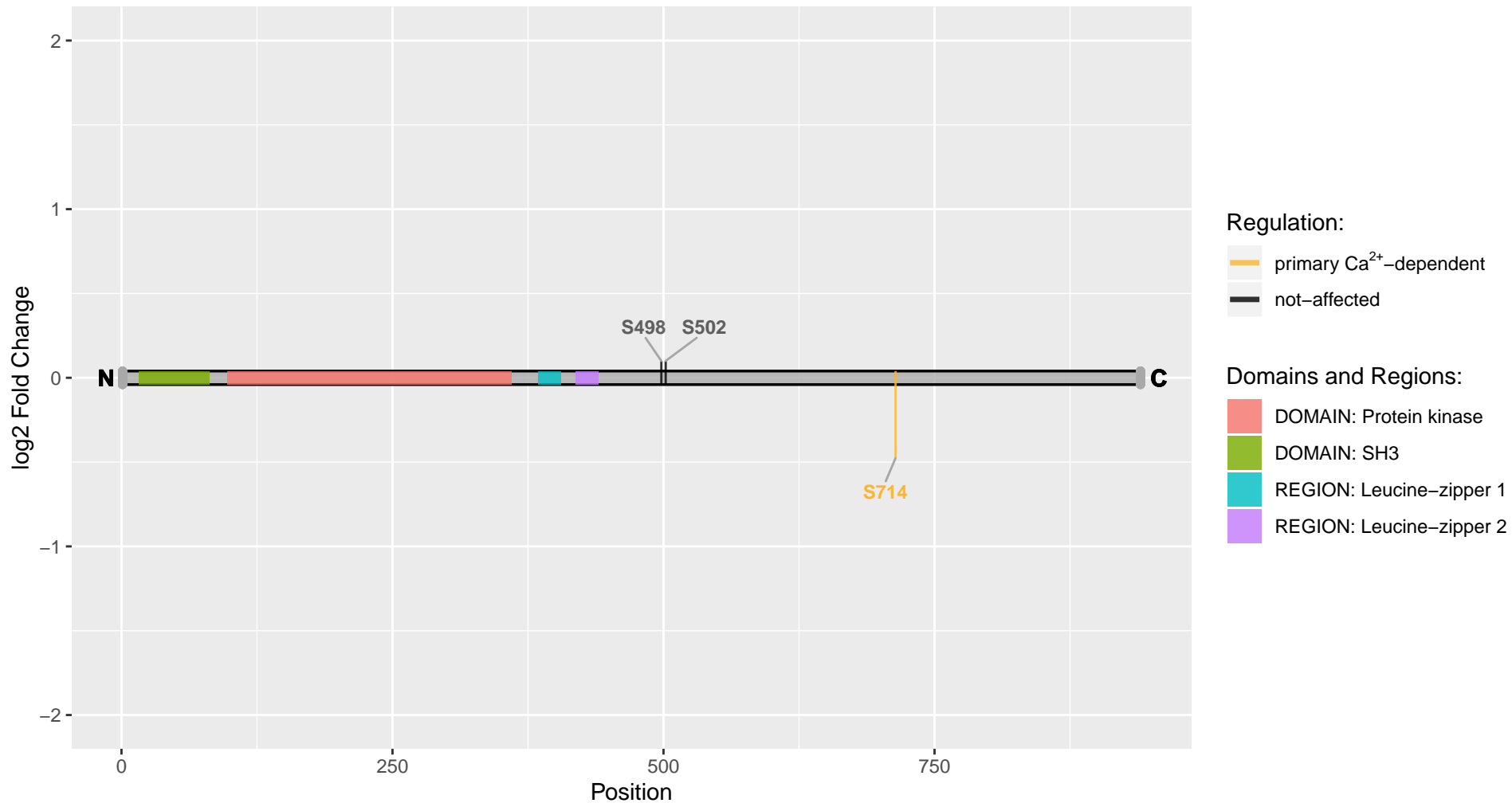
Dual specificity mitogen-activated protein kinase kinase 7



Map3k10

Uniprot Accession: D3ZG83

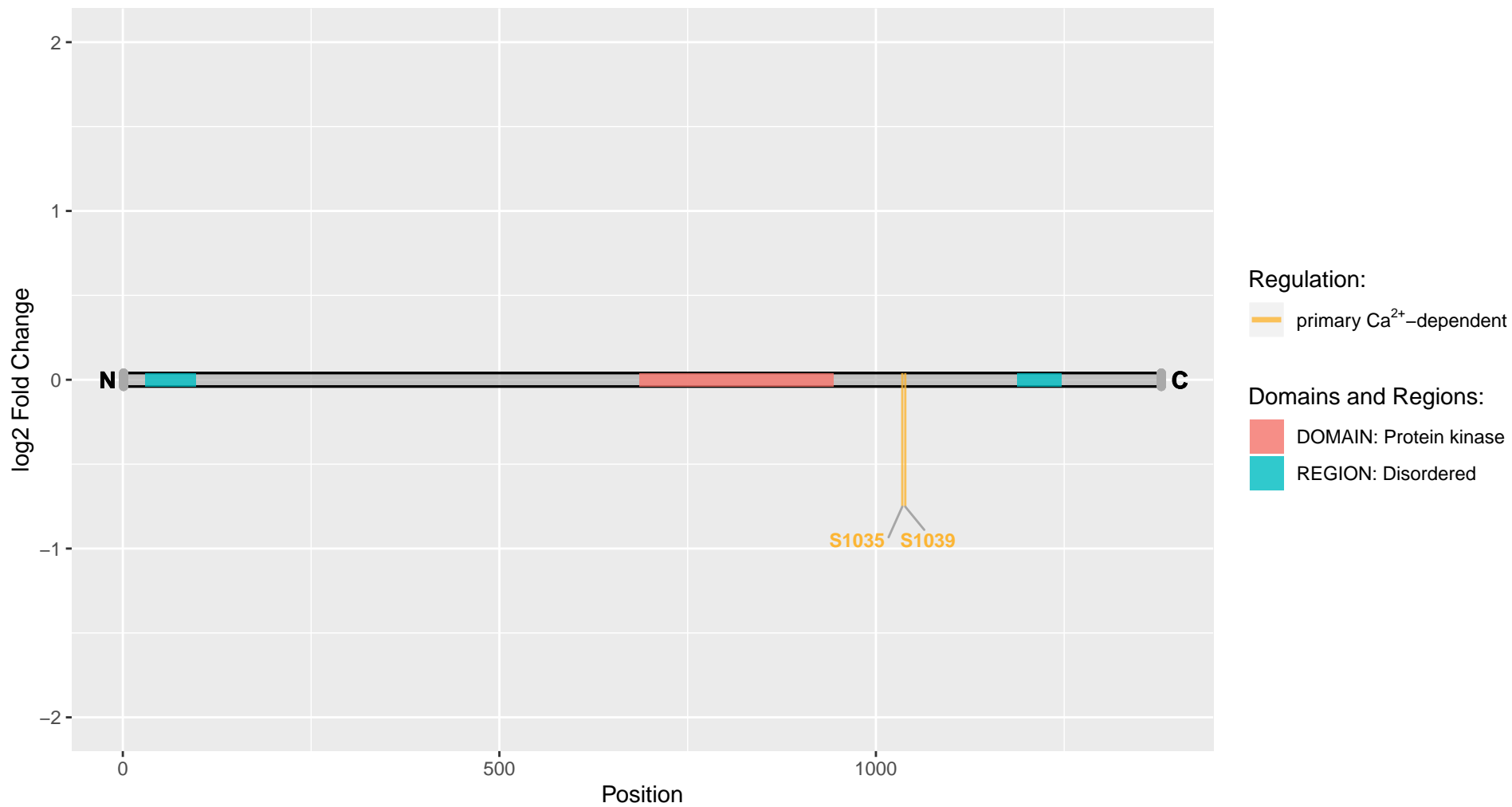
Mitogen-activated protein kinase kinase kinase 10



Map3k5

Uniprot Accession: D3ZZH6

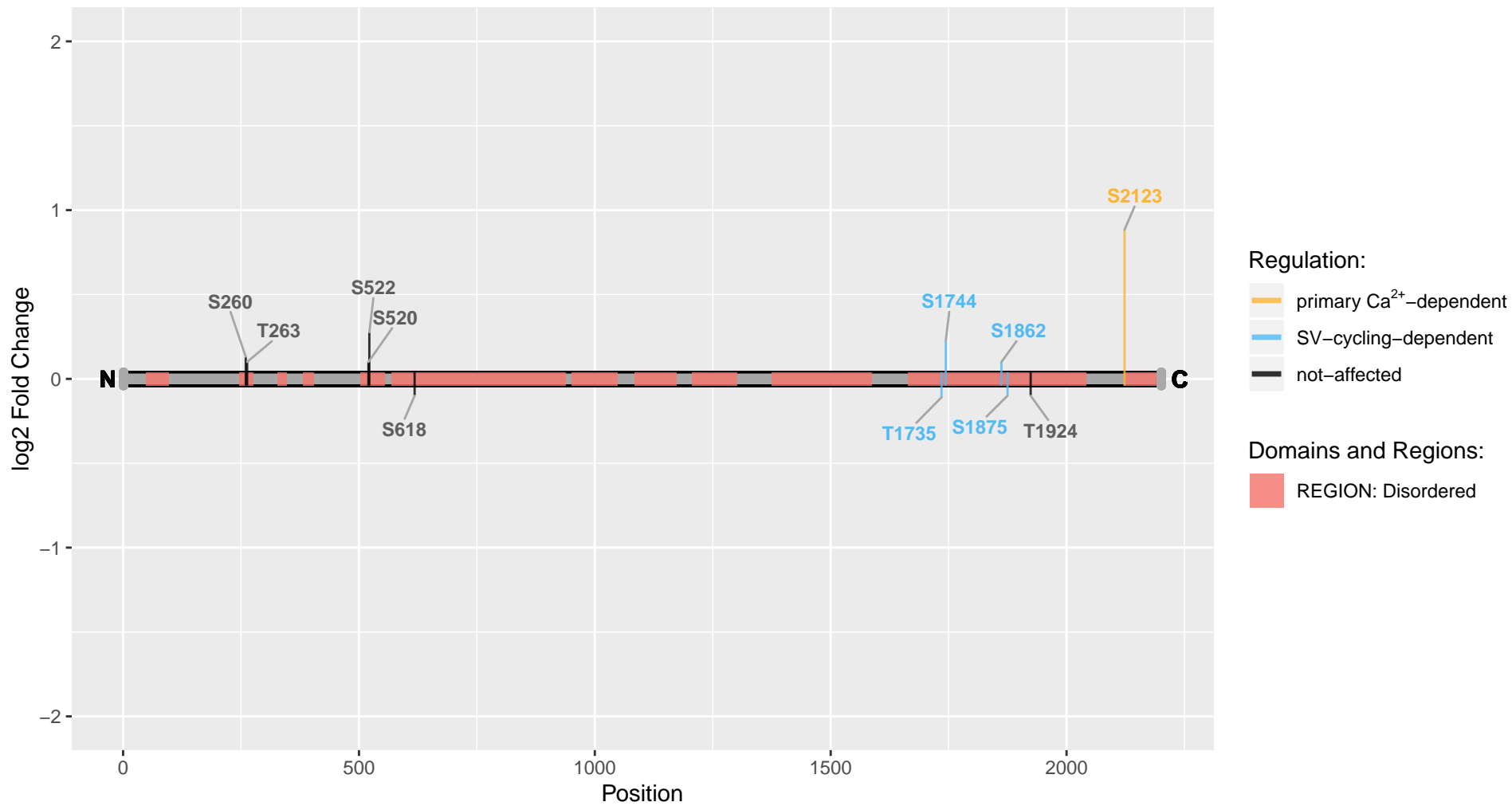
Mitogen-activated protein kinase kinase 5



Map4

Uniprot Accession: A0A0G2JW88

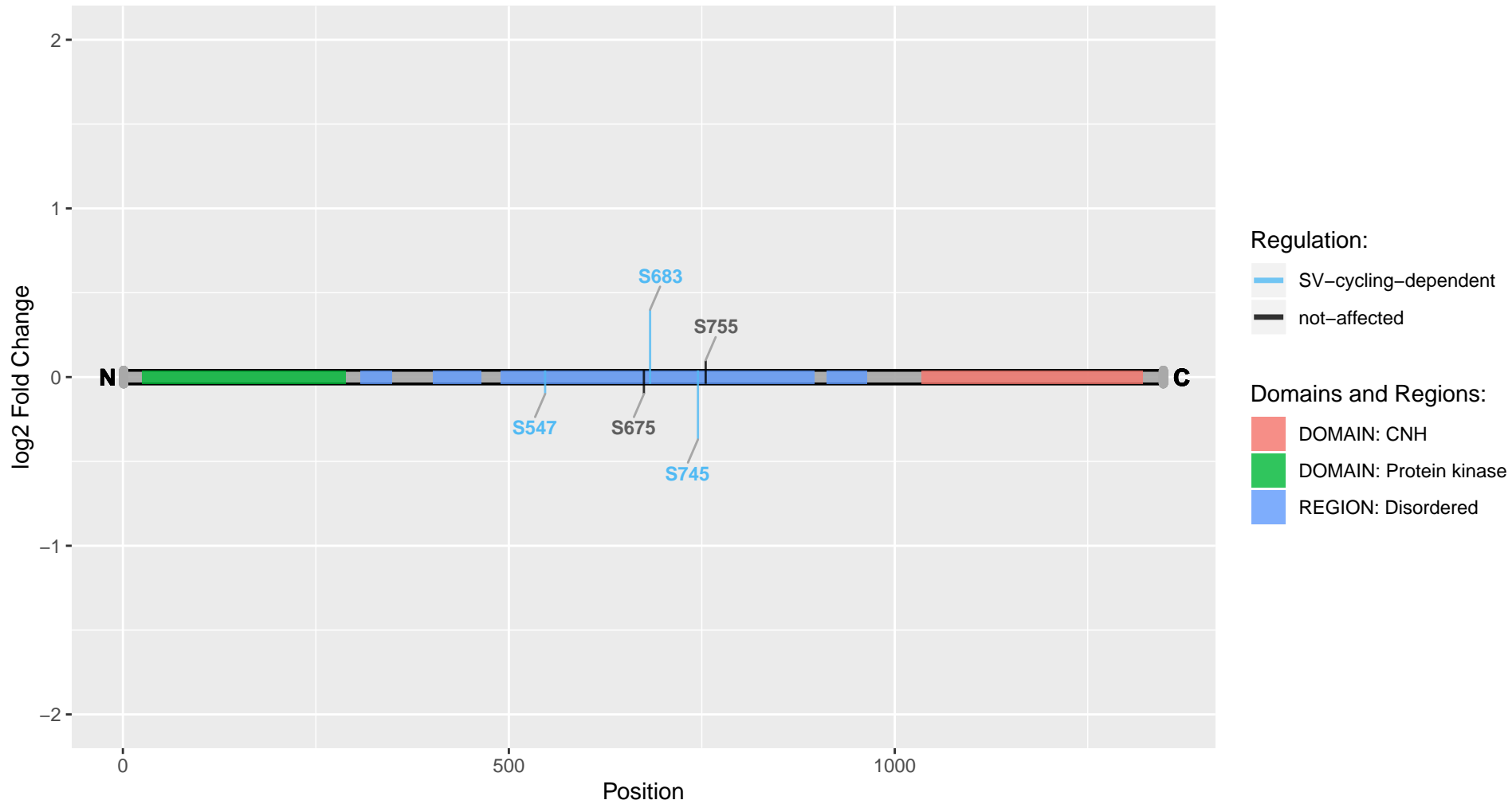
Microtubule-associated protein



Map4k4

Uniprot Accession: A0A0G2K7W4

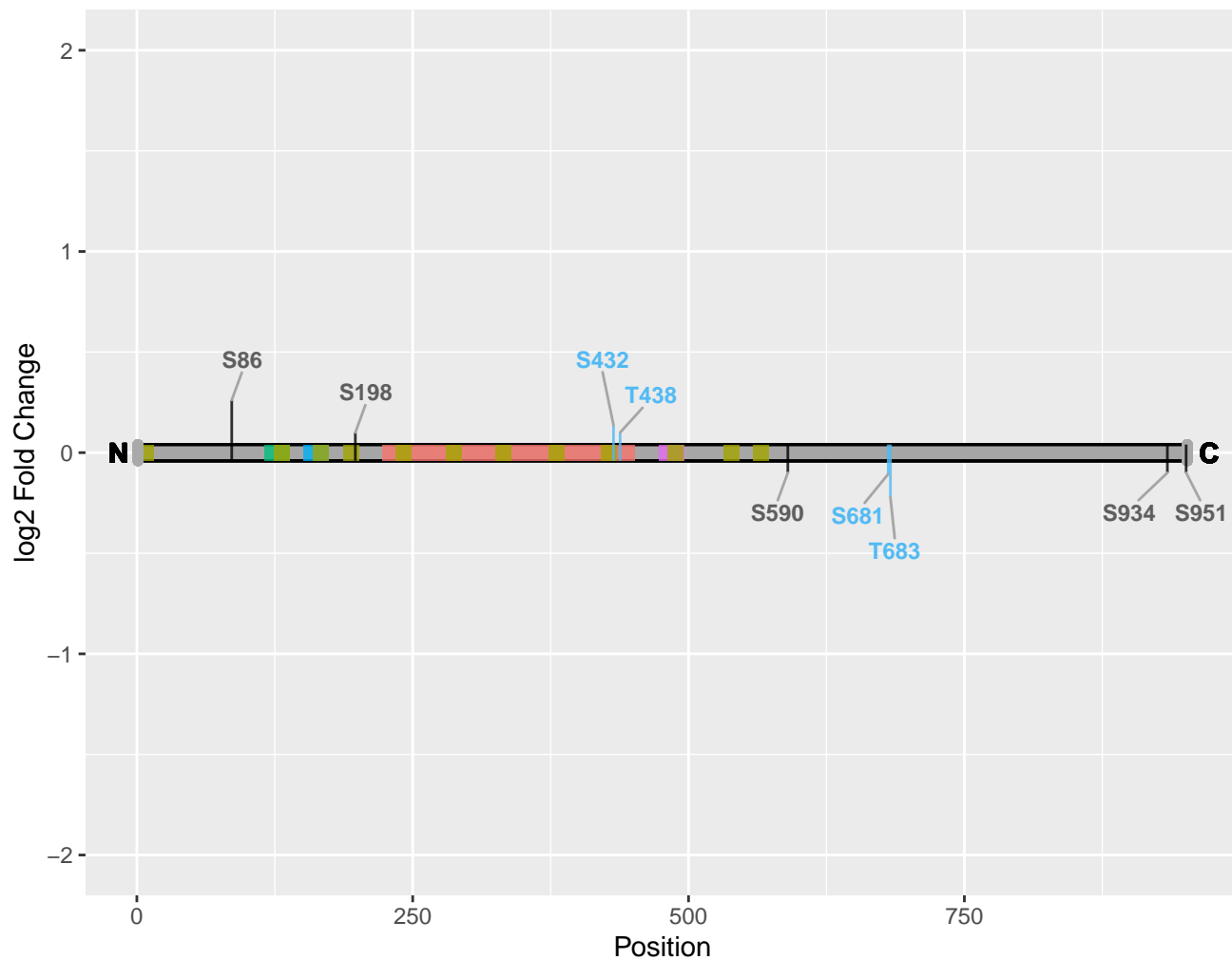
Mitogen-activated protein kinase kinase kinase 4



Map6

Uniprot Accession: Q63560

Microtubule-associated protein 6



Regulation:

- SV-cycling-dependent
- not-affected

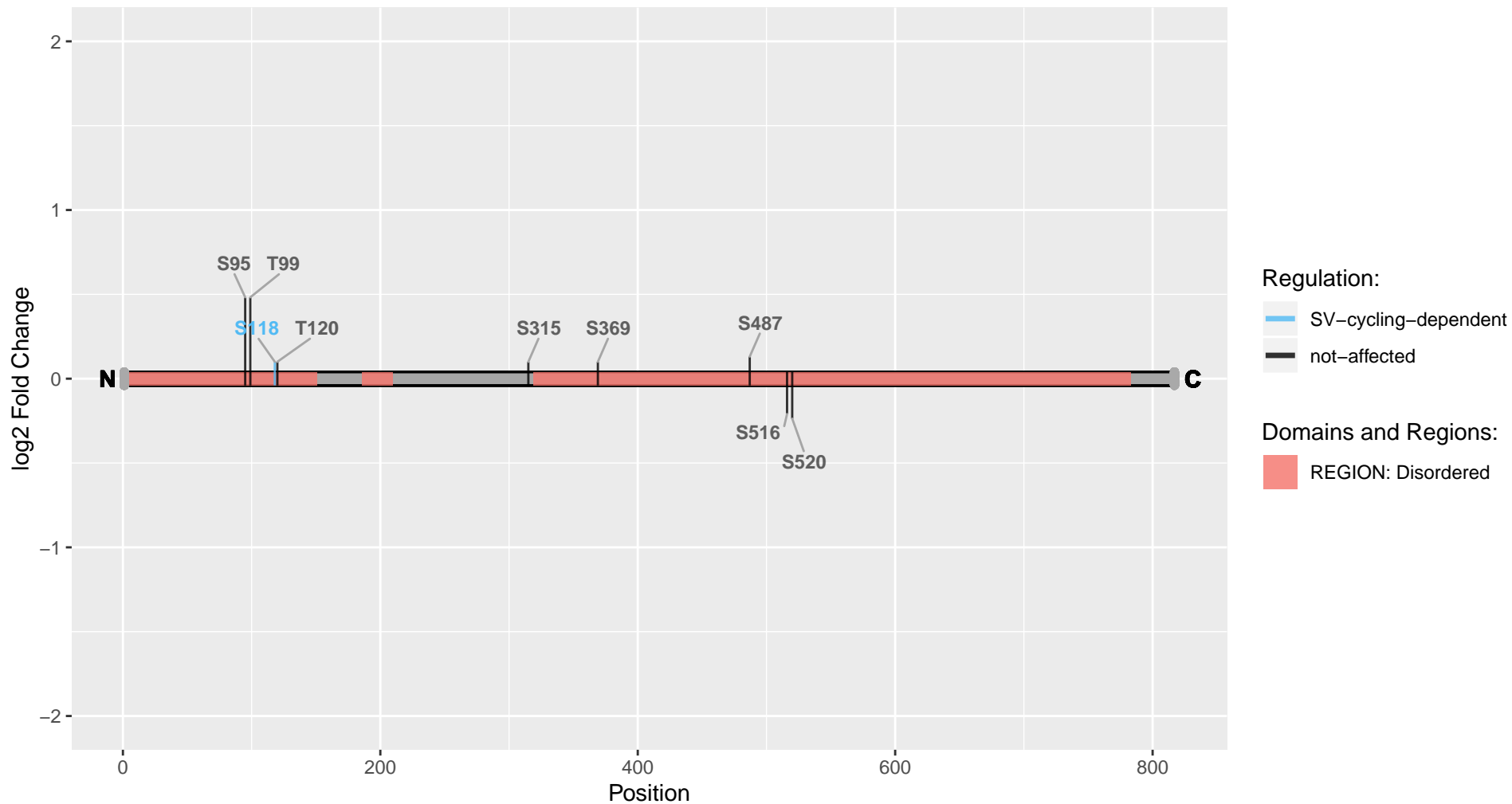
Domains and Regions:

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

Map7d1

Uniprot Accession: D4A644

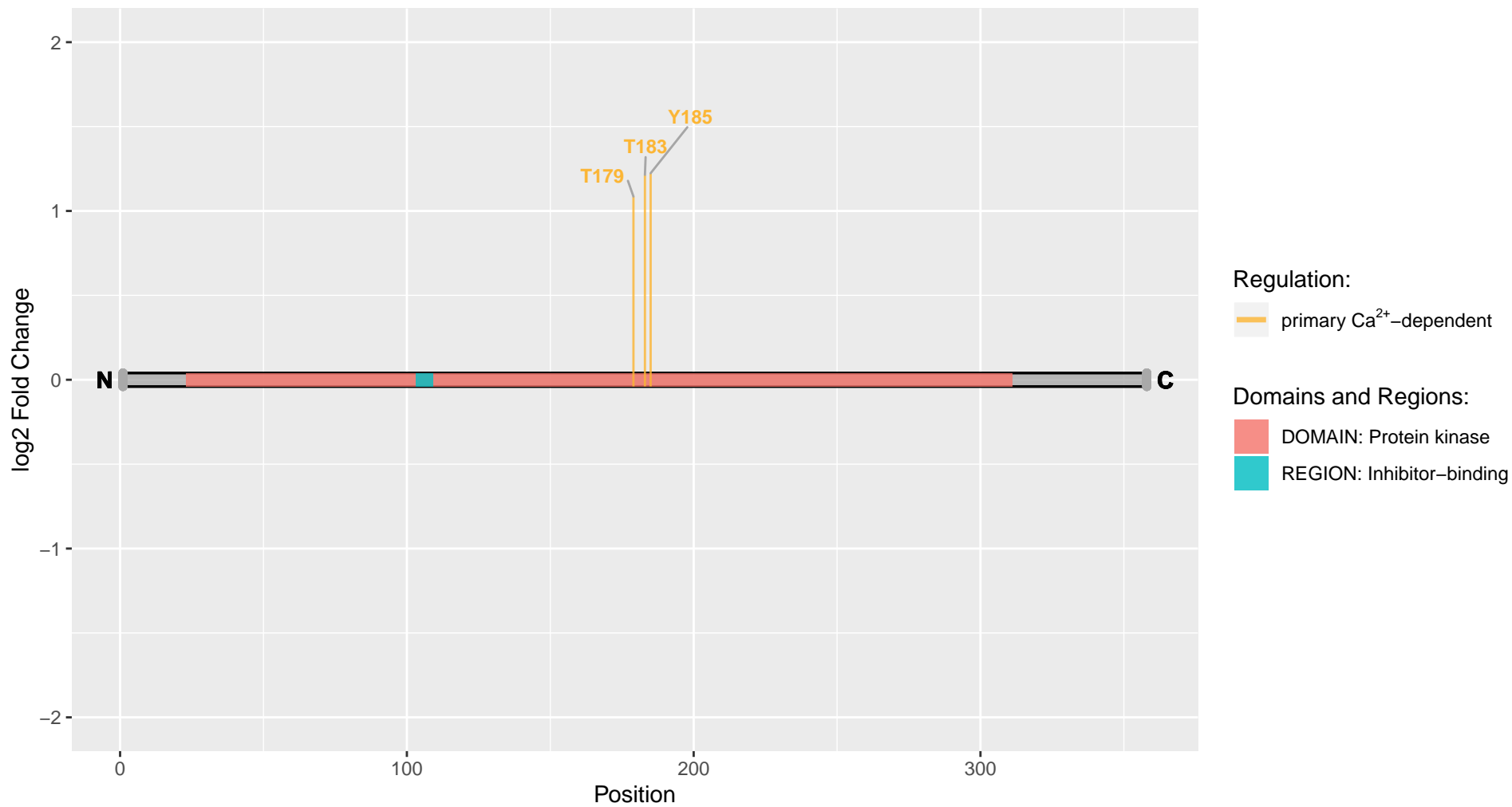
MAP7 domain-containing 1



Mapk1

Uniprot Accession: P63086

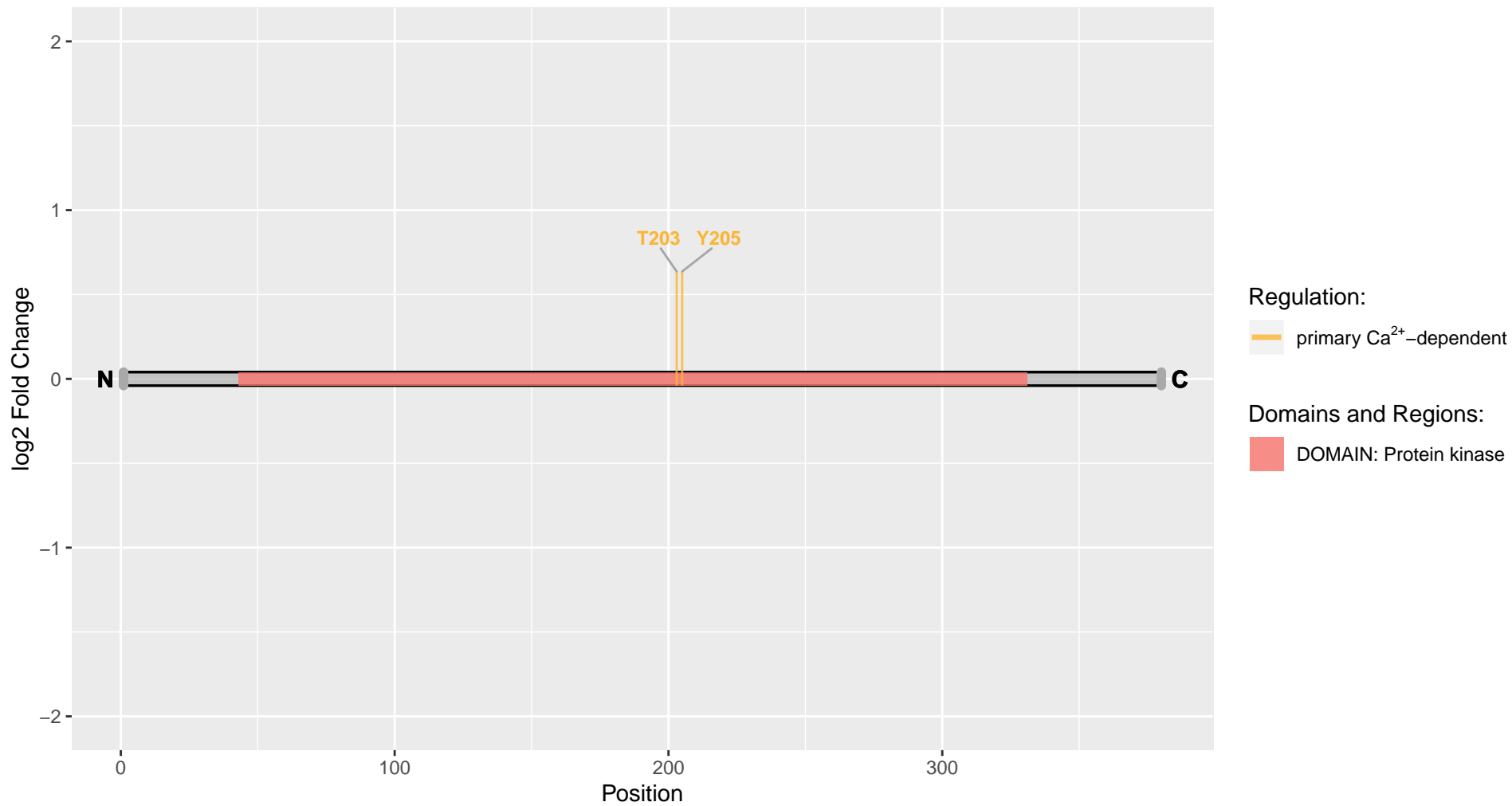
Mitogen-activated protein kinase 1



Mapk3

Uniprot Accession: P21708

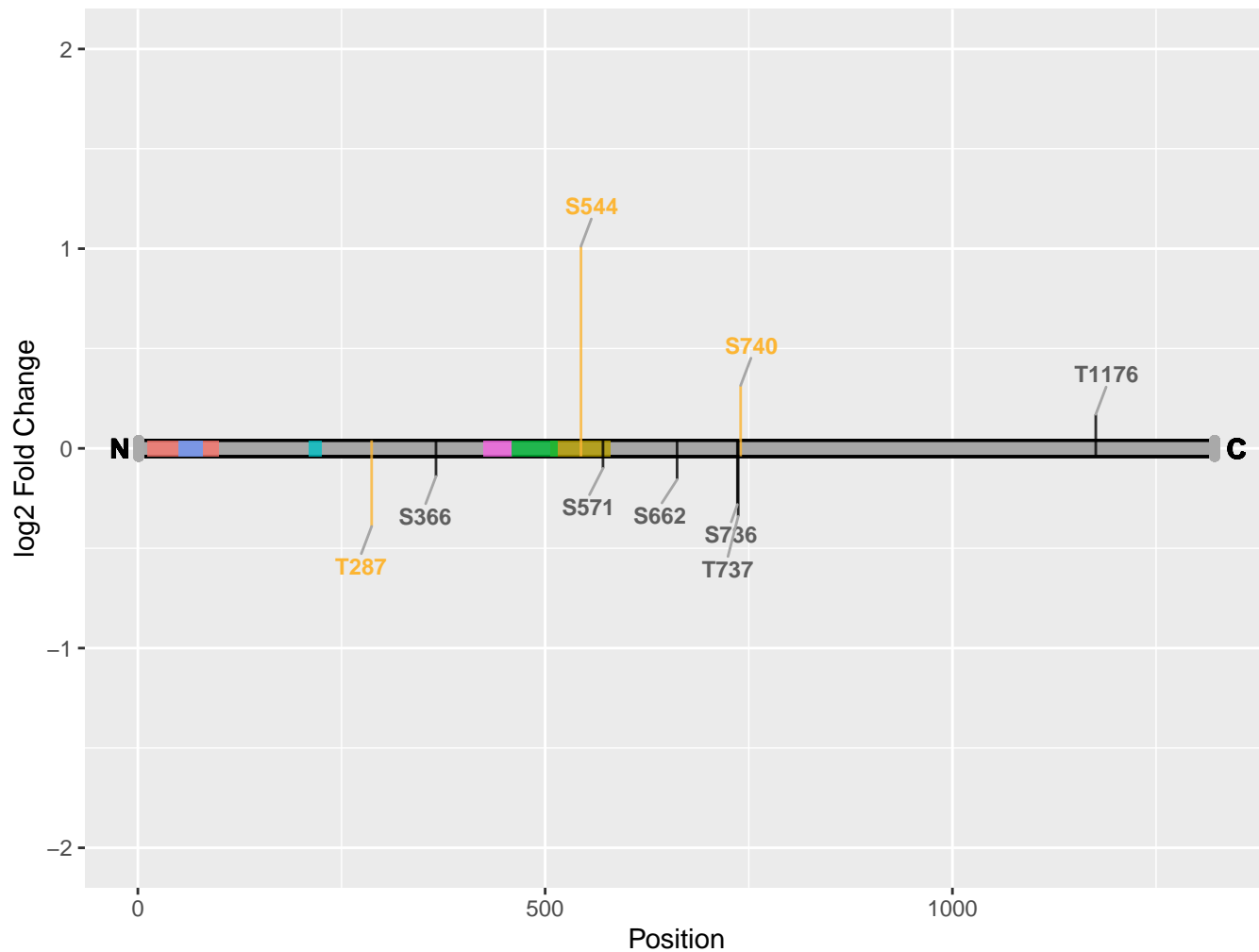
Mitogen-activated protein kinase 3



Mapk8ip3

Uniprot Accession: E9PSK7

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



Regulation:

- primary Ca²⁺-dependent
- not-affected

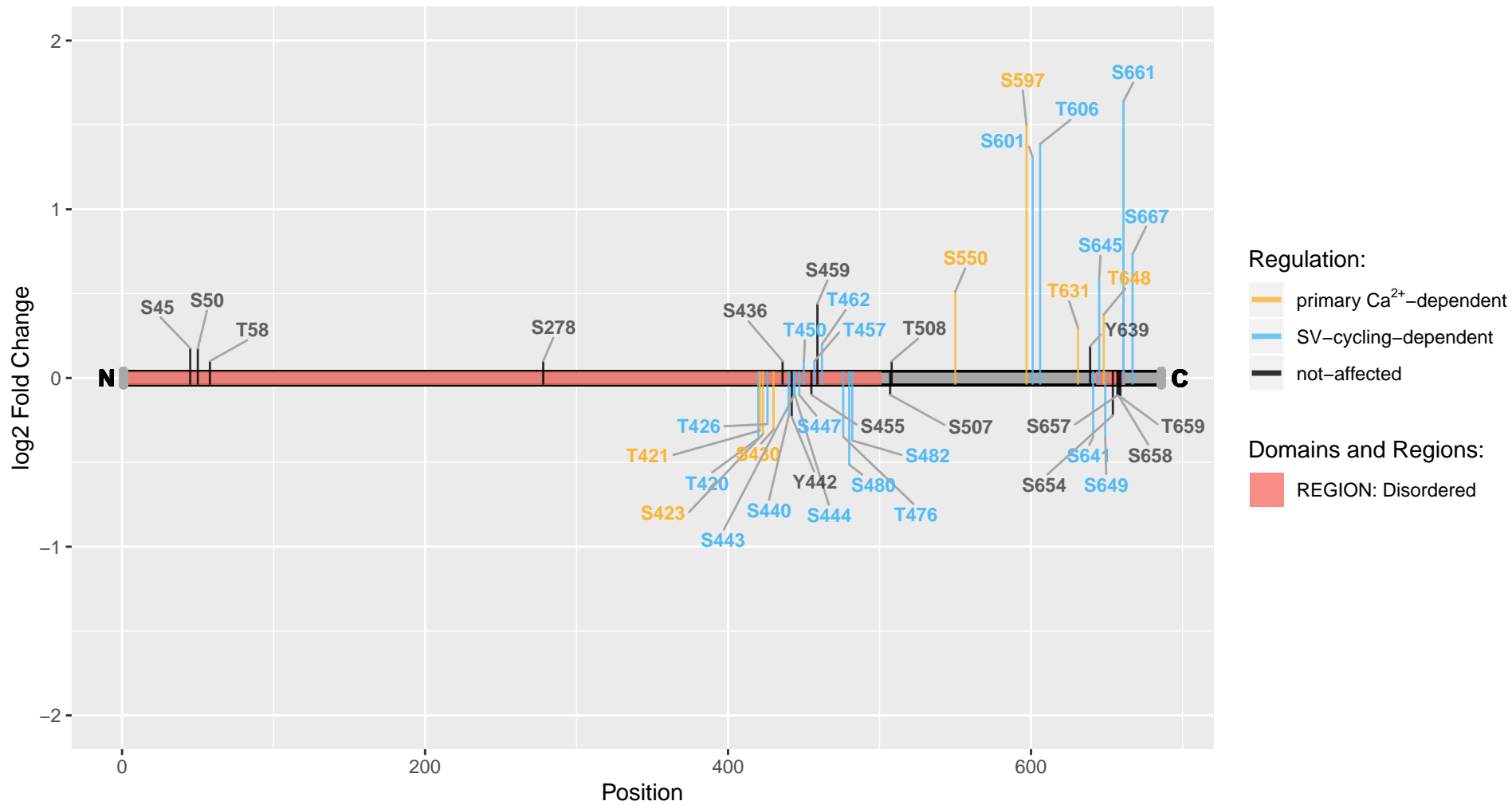
Domains and Regions:

- DOMAIN: RH1
- DOMAIN: RH2
- REGION: Interaction with NTRK2
- REGION: JNK-binding domain (JBD); essential for its function in axon elongation
- REGION: Kinesin-binding domain (KBD); essential for its function in axon elongation
- REGION: Leucine zipper-like domain (LZ); essential for its function in axon elongation

Mapt

Uniprot Accession: D4A1Q2

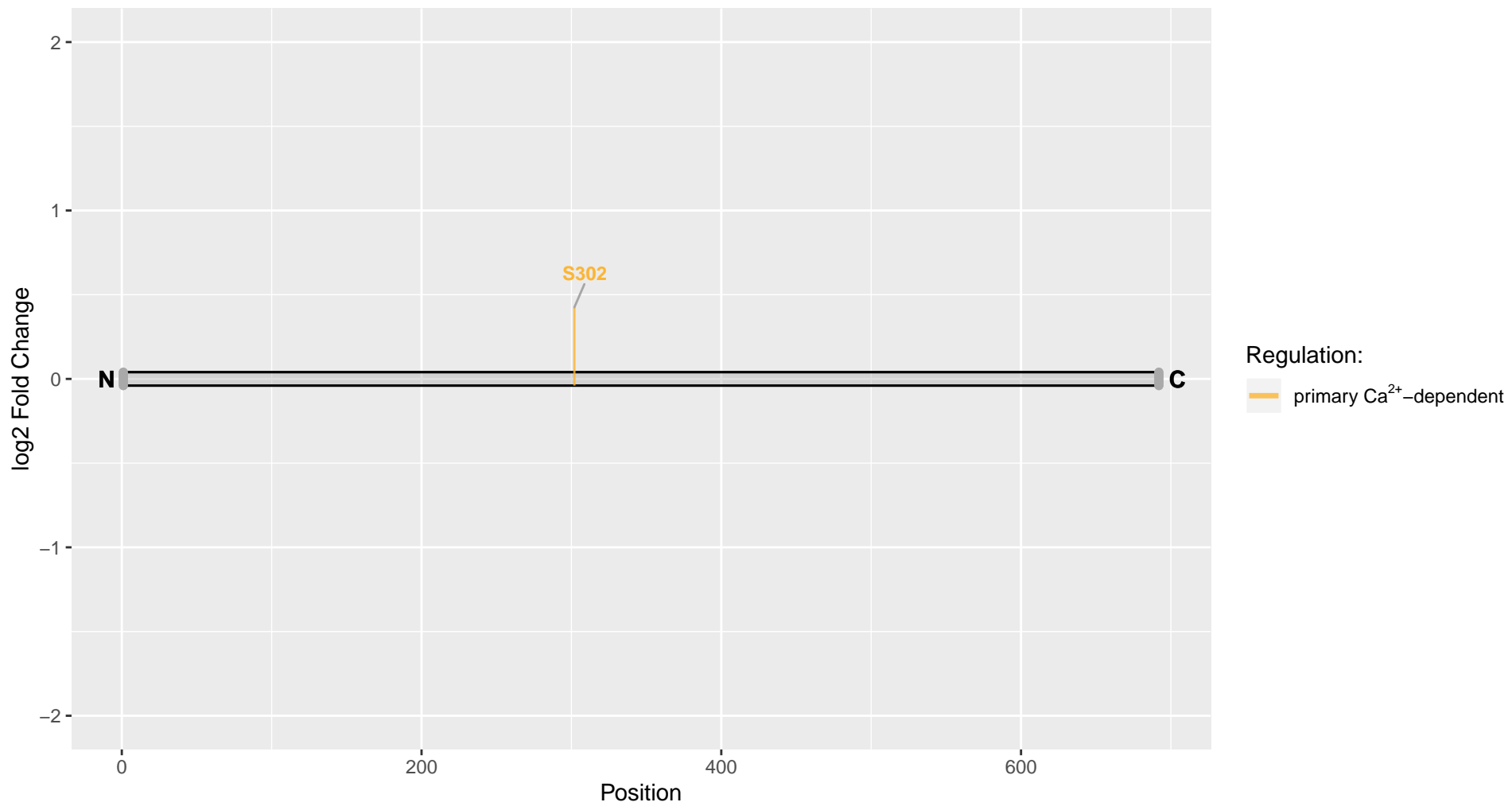
Microtubule-associated protein



March7

Uniprot Accession: Q5XI50

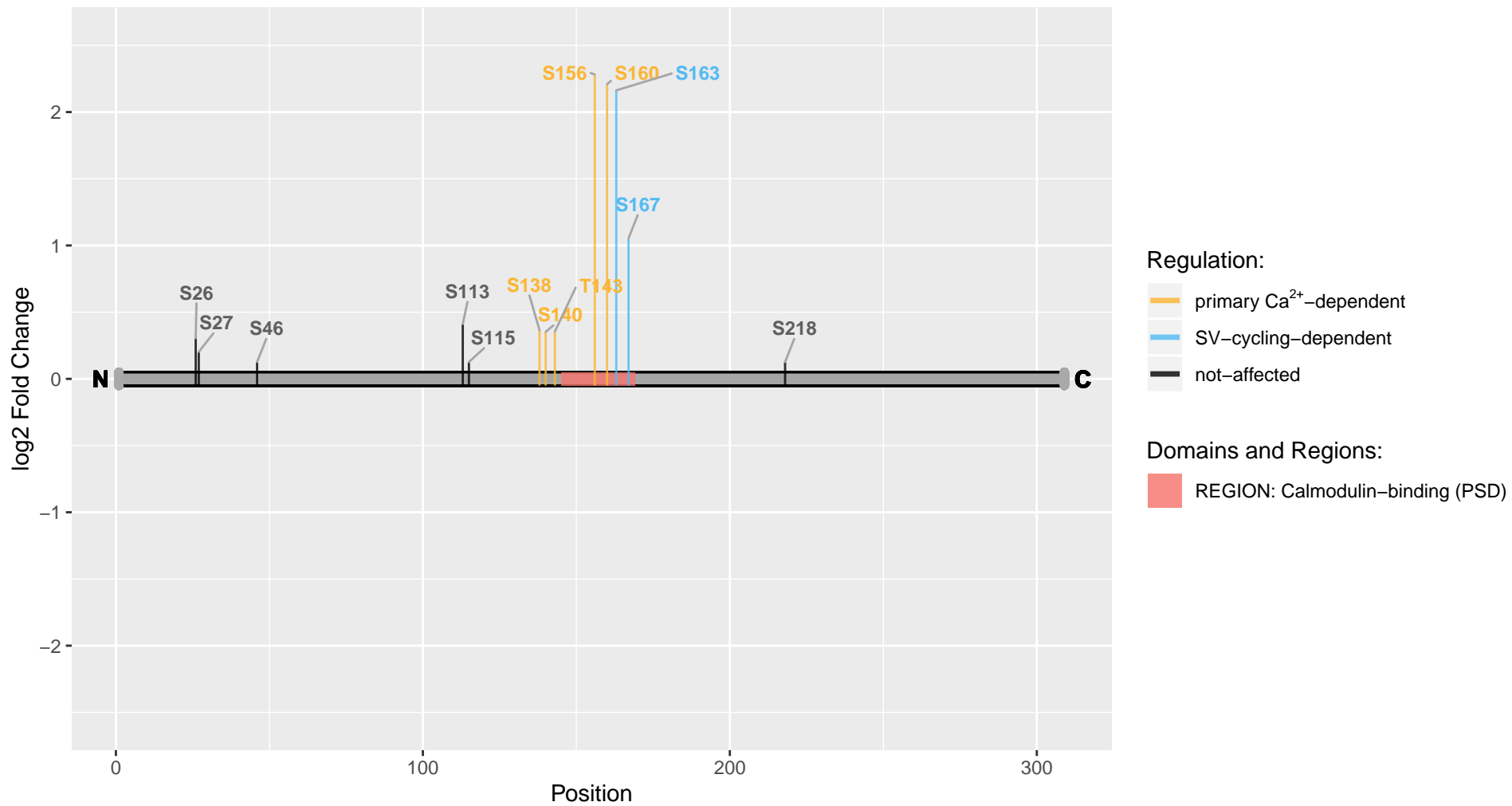
E3 ubiquitin-protein ligase MARCH7



Marcks

Uniprot Accession: P30009

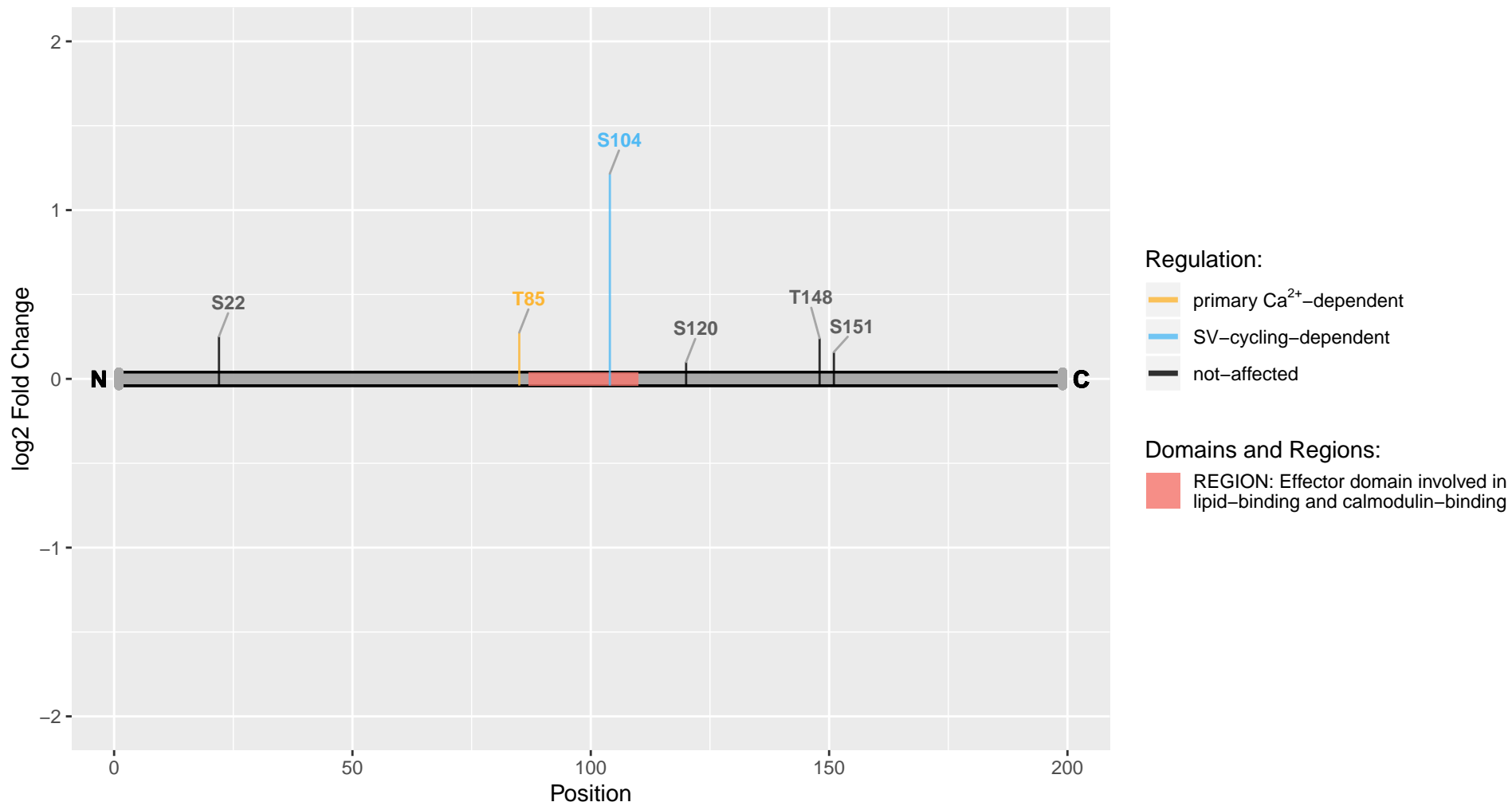
Myristoylated alanine-rich C-kinase substrate



Marcks11

Uniprot Accession: Q9EPH2

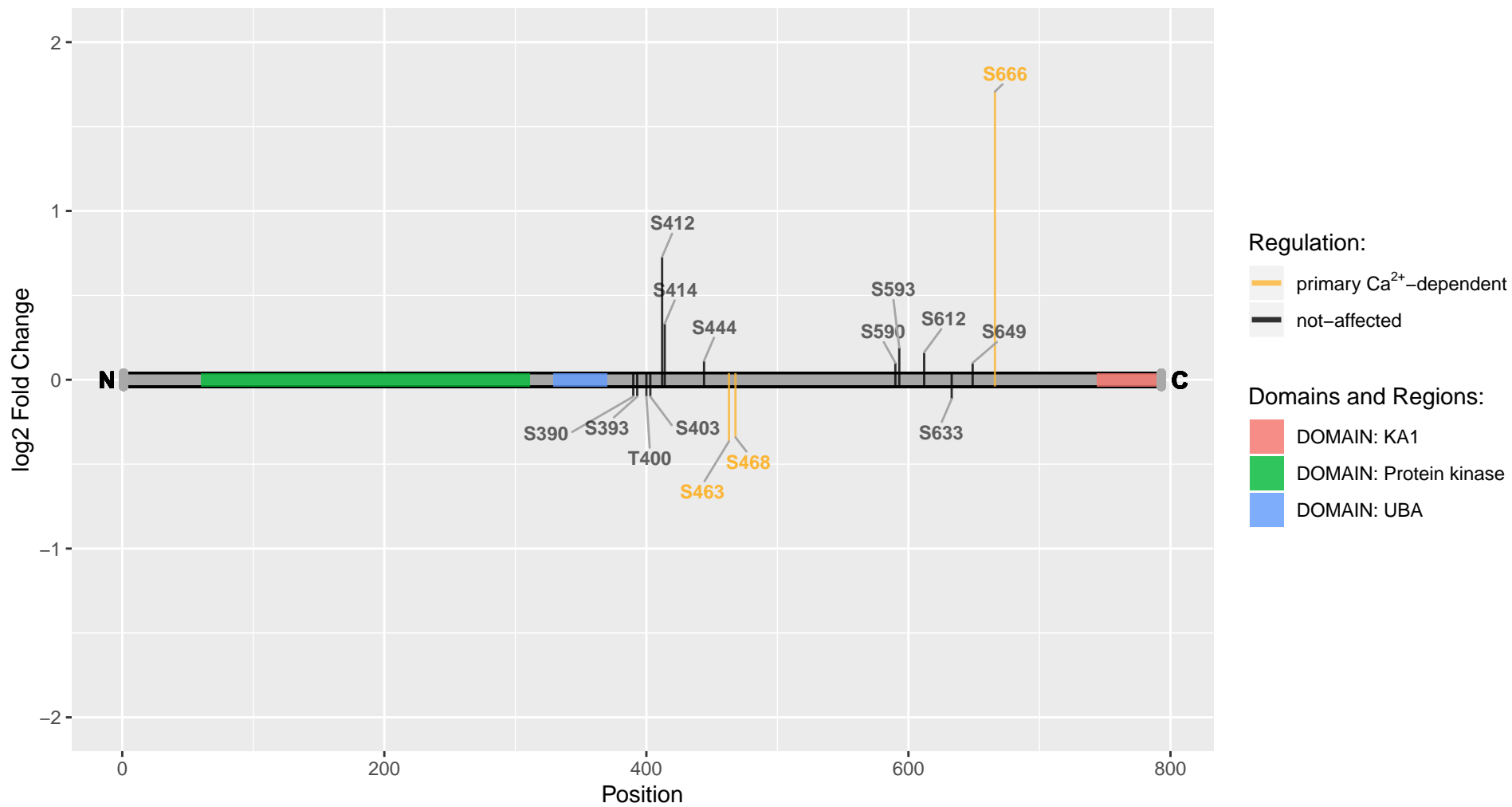
MARCKS-related protein



Mark1

Uniprot Accession: O08678

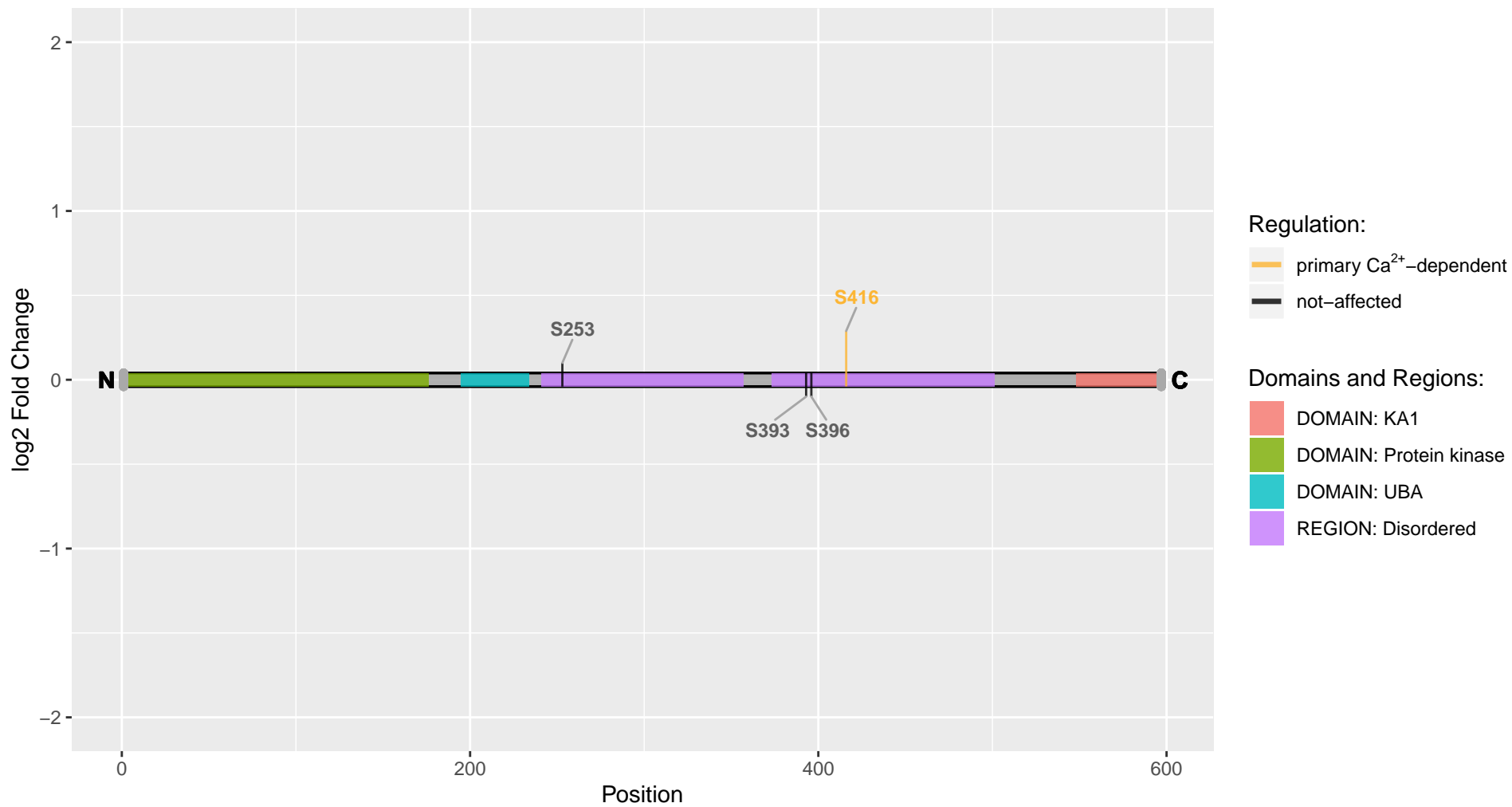
Serine/threonine-protein kinase MARK1



Mark3

Uniprot Accession: A0A1B0GWN5

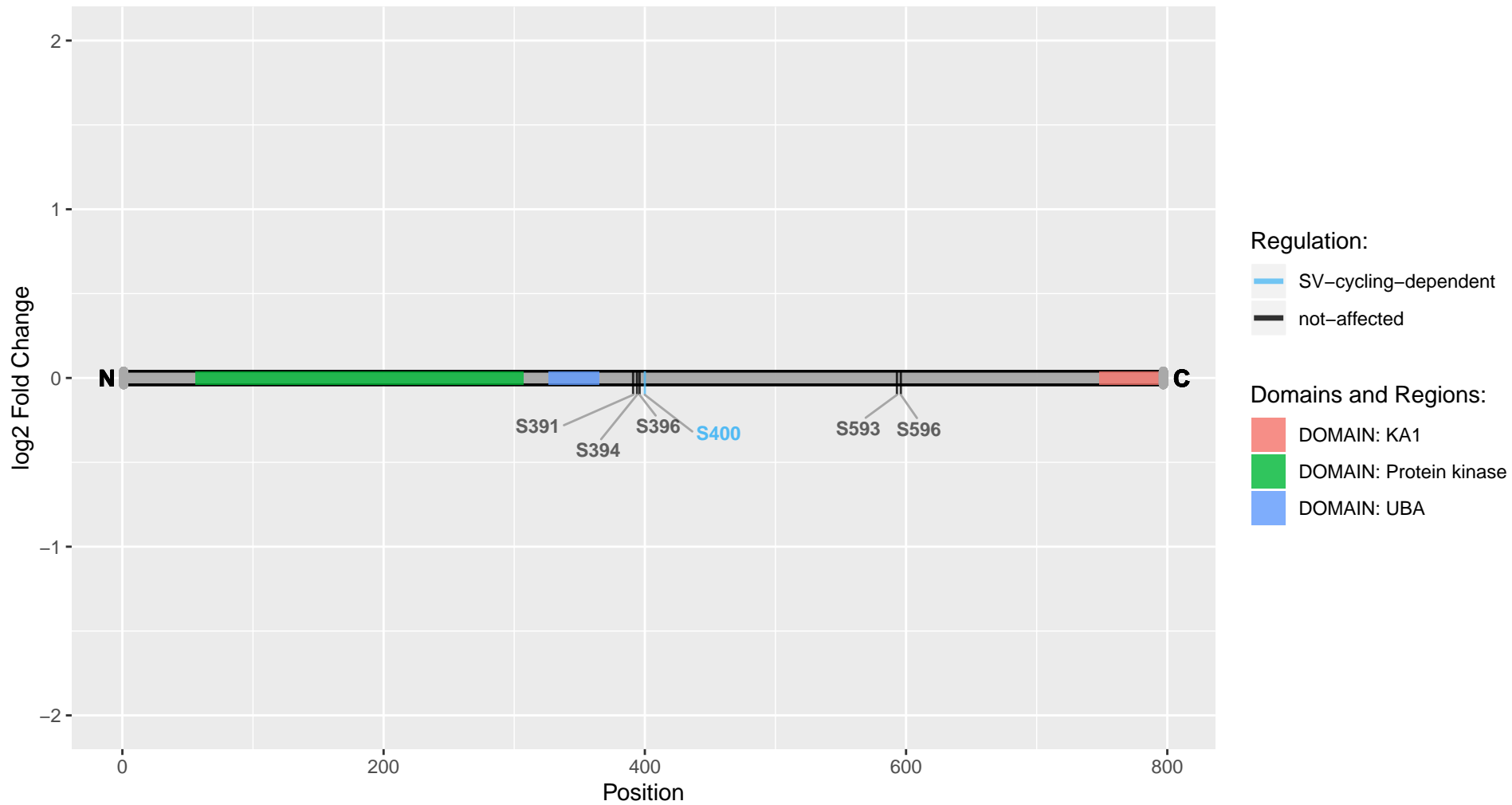
Non-specific serine/threonine protein kinase (Fragment)



Mark3

Uniprot Accession: Q8VHF0

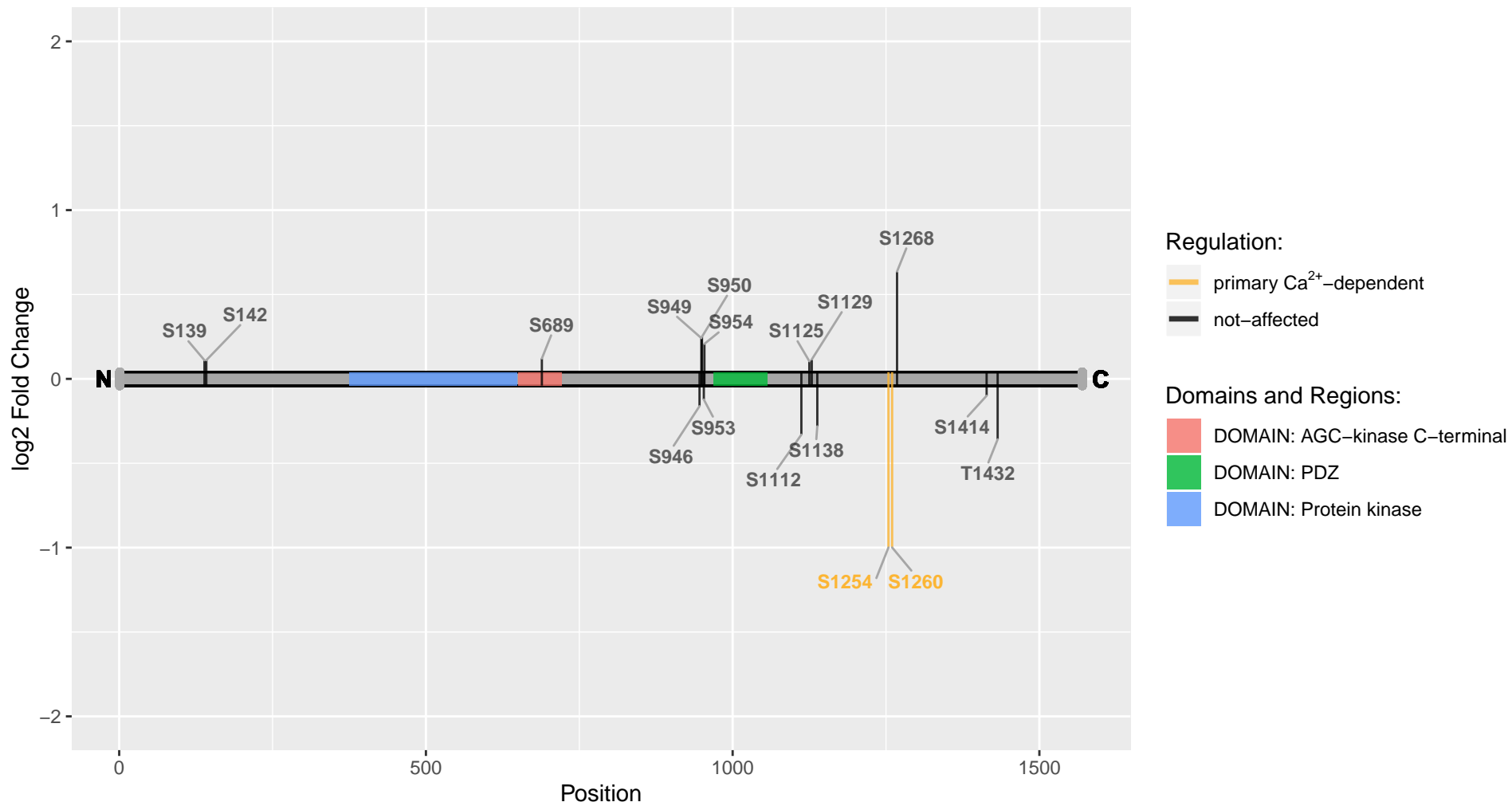
MAP/microtubule affinity-regulating kinase 3



Mast1

Uniprot Accession: Q810W7

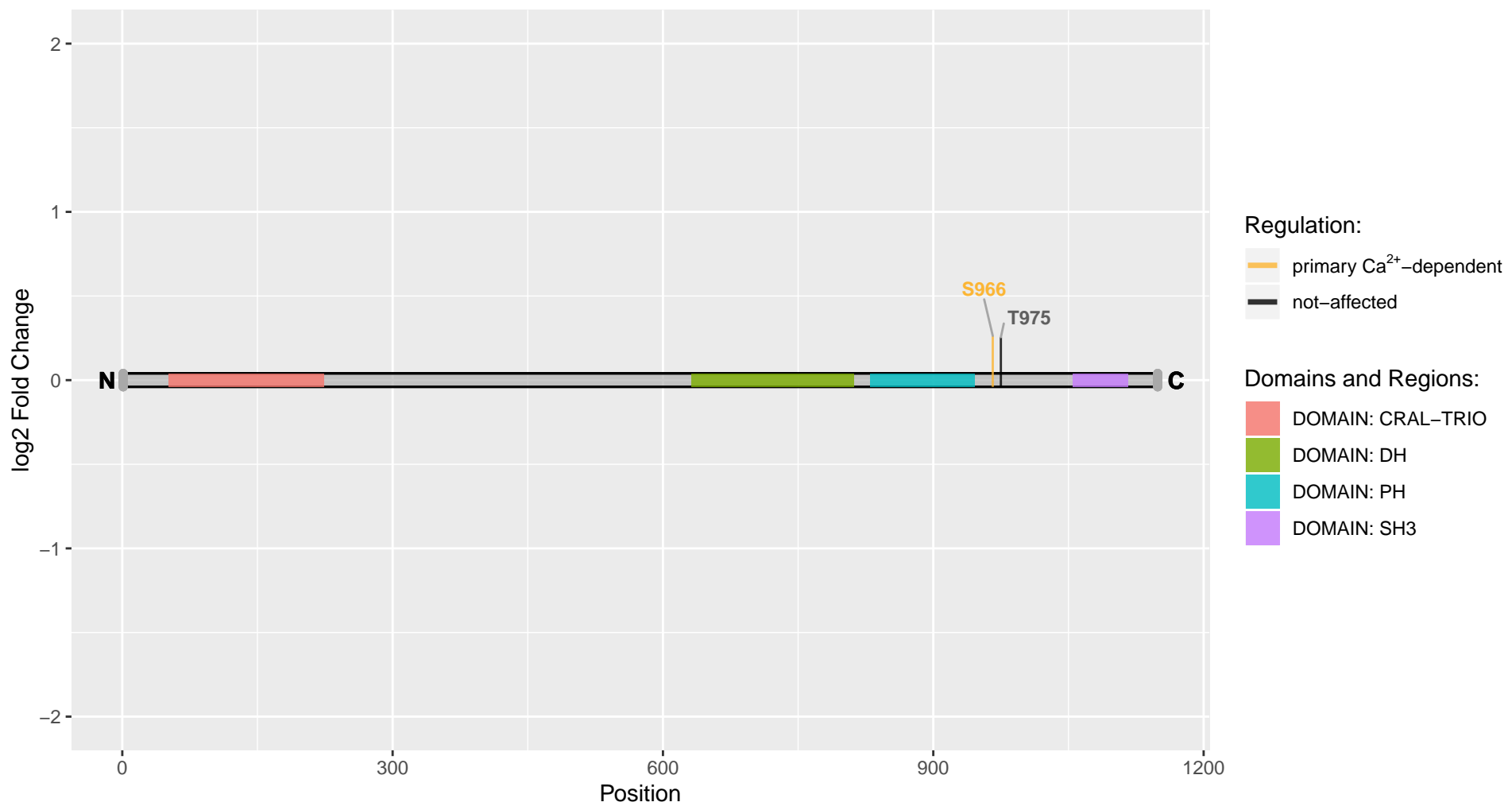
Microtubule-associated serine/threonine-protein kinase 1



Mcf2l

Uniprot Accession: Q63406

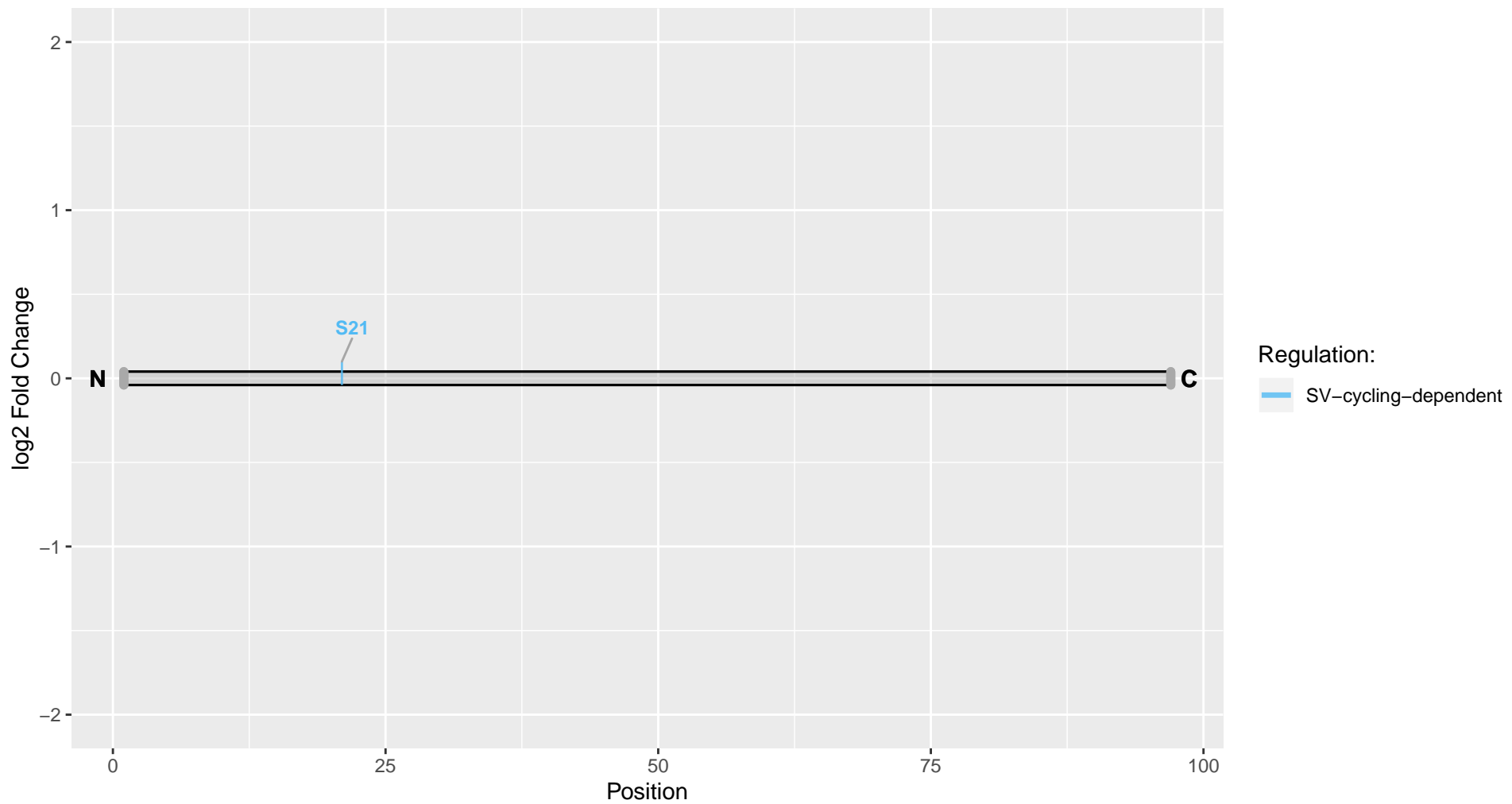
Guanine nucleotide exchange factor DBS



Mcrip1

Uniprot Accession: B0BN72

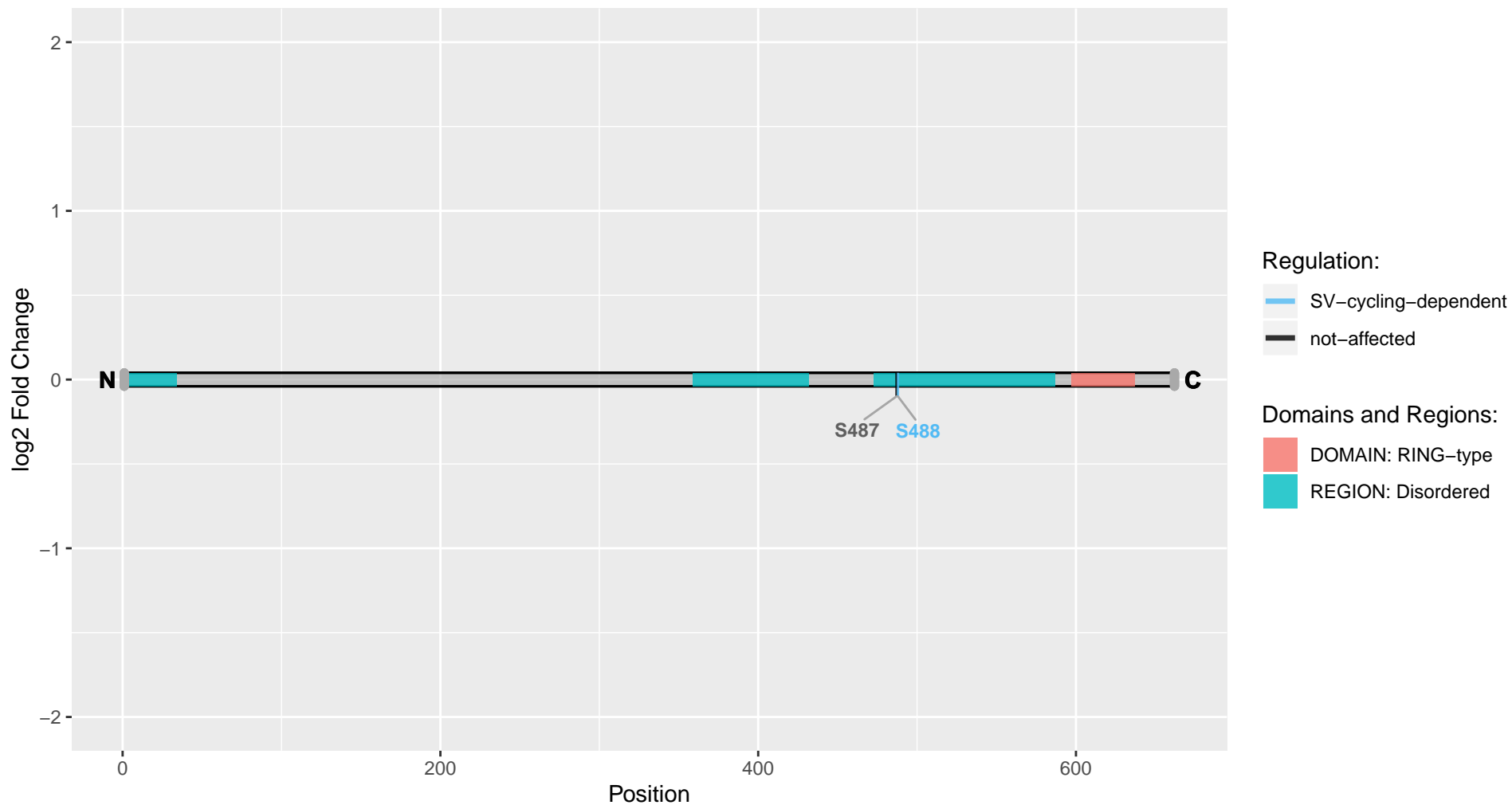
Mapk-regulated corepressor-interacting protein 1



Mex3d

Uniprot Accession: F1M5V7

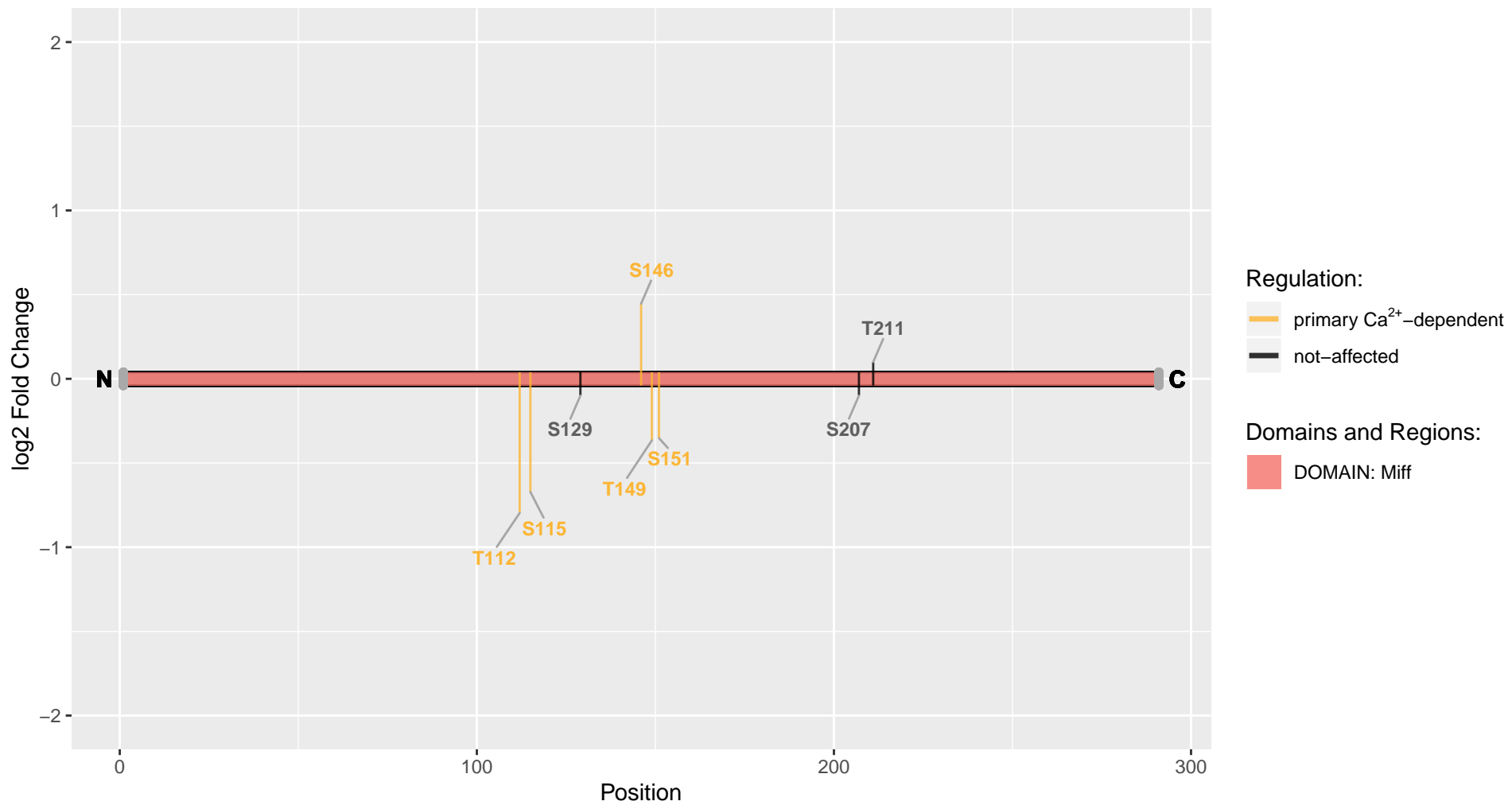
Mex-3 RNA-binding family member D



Mff

Uniprot Accession: A0A0G2KAL9

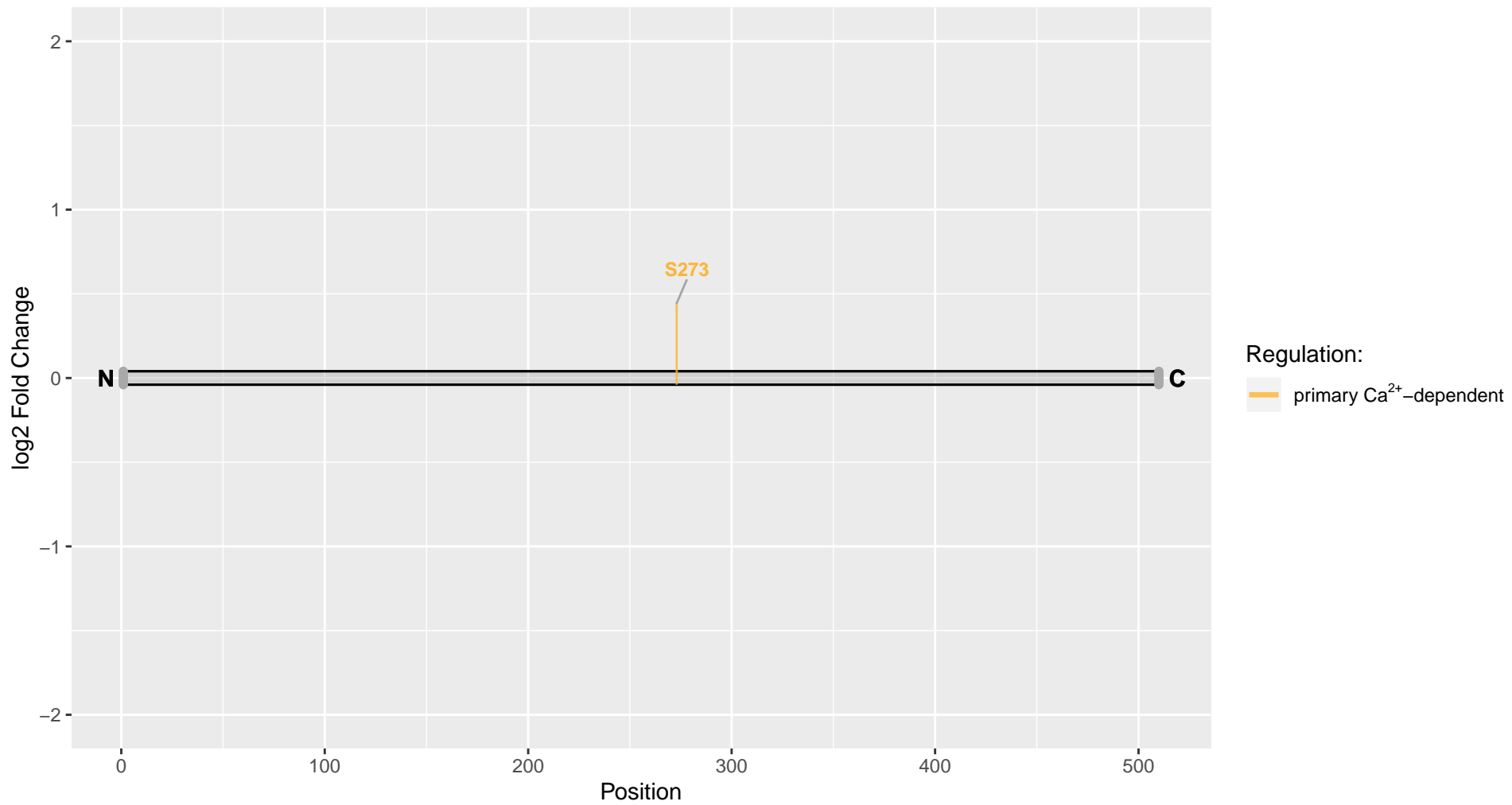
Mitochondrial fission factor



Mfsd4a

Uniprot Accession: A0A0G2K6P5

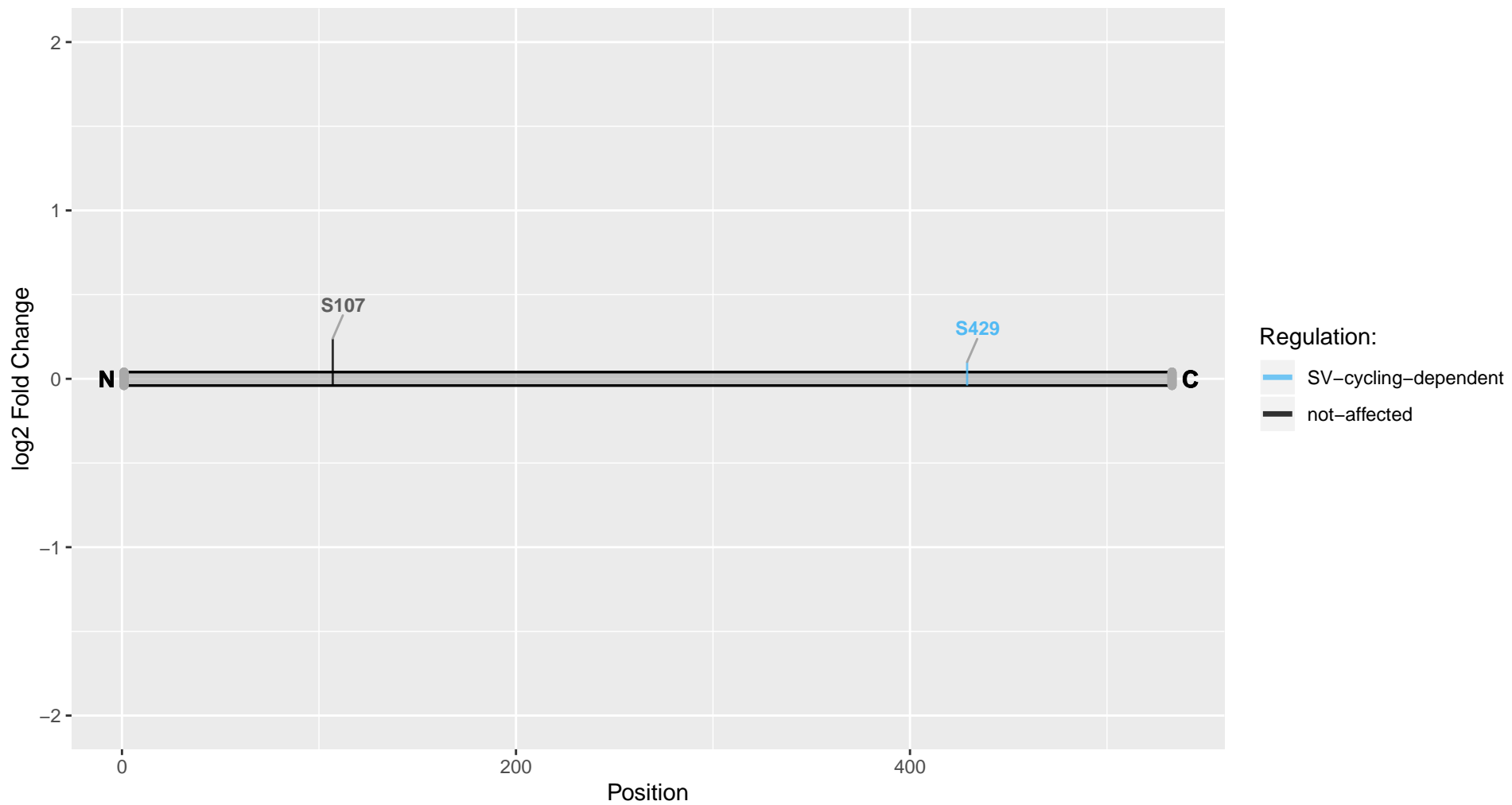
Major facilitator superfamily domain-containing 4A



Mgrn1

Uniprot Accession: Q5XIQ4

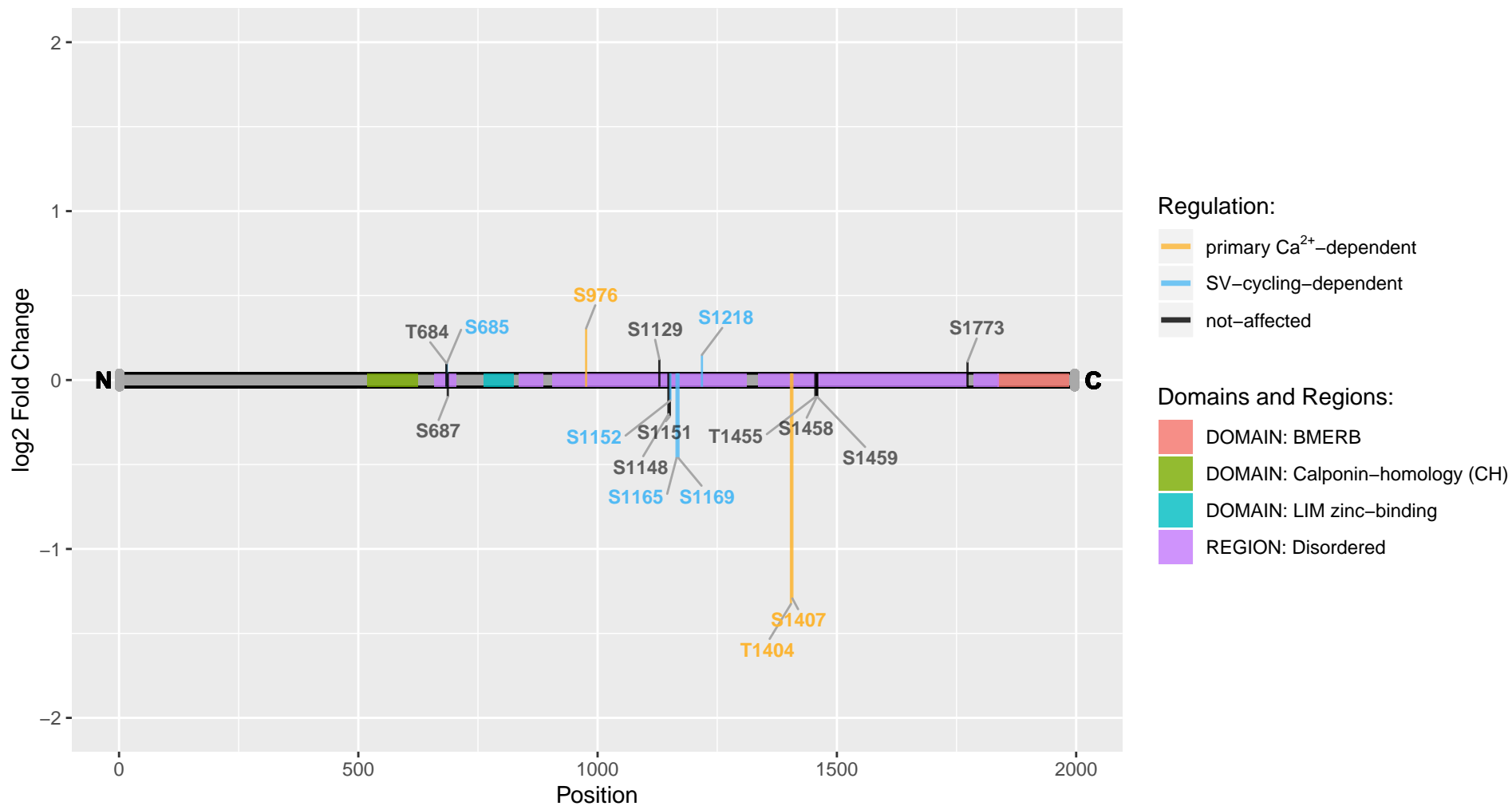
E3 ubiquitin-protein ligase MGRN1



Mical3

Uniprot Accession: D3ZGN7

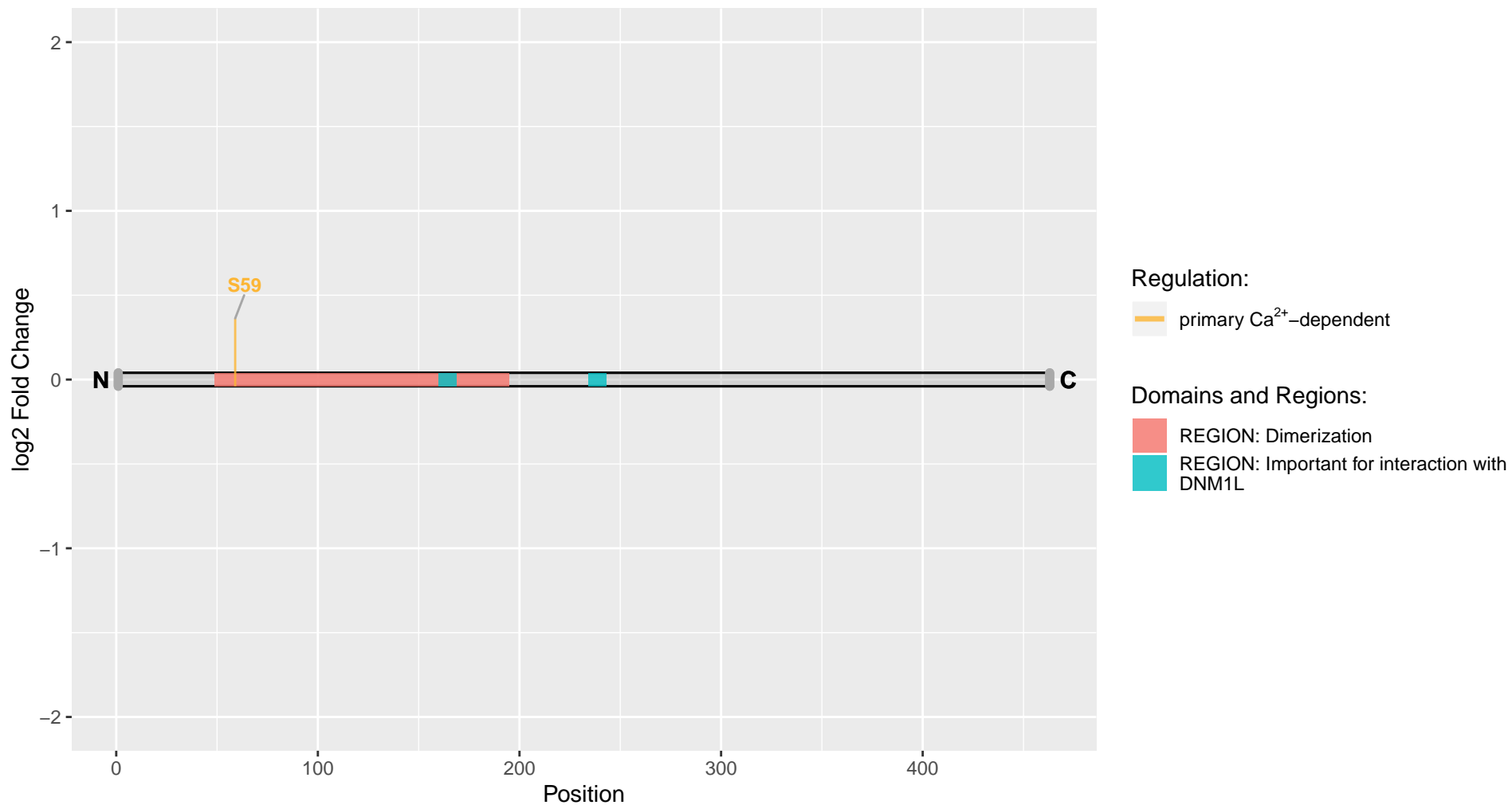
Microtubule-associated monooxygenase, calponin and LIM domain-containing 3



Mief1

Uniprot Accession: Q5XIS8

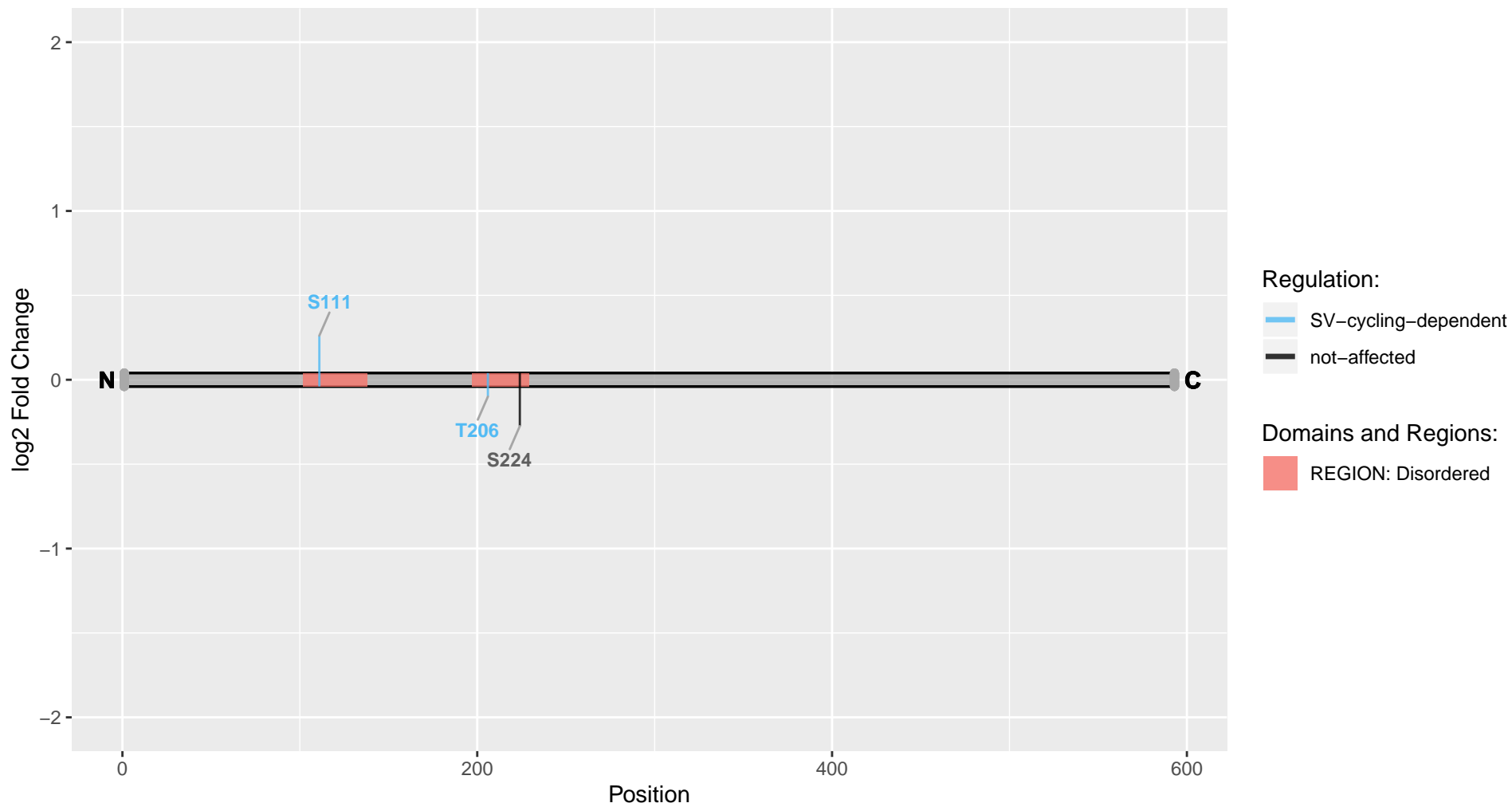
Mitochondrial dynamics protein MID51



Miga2

Uniprot Accession: A0A0G2KAE6

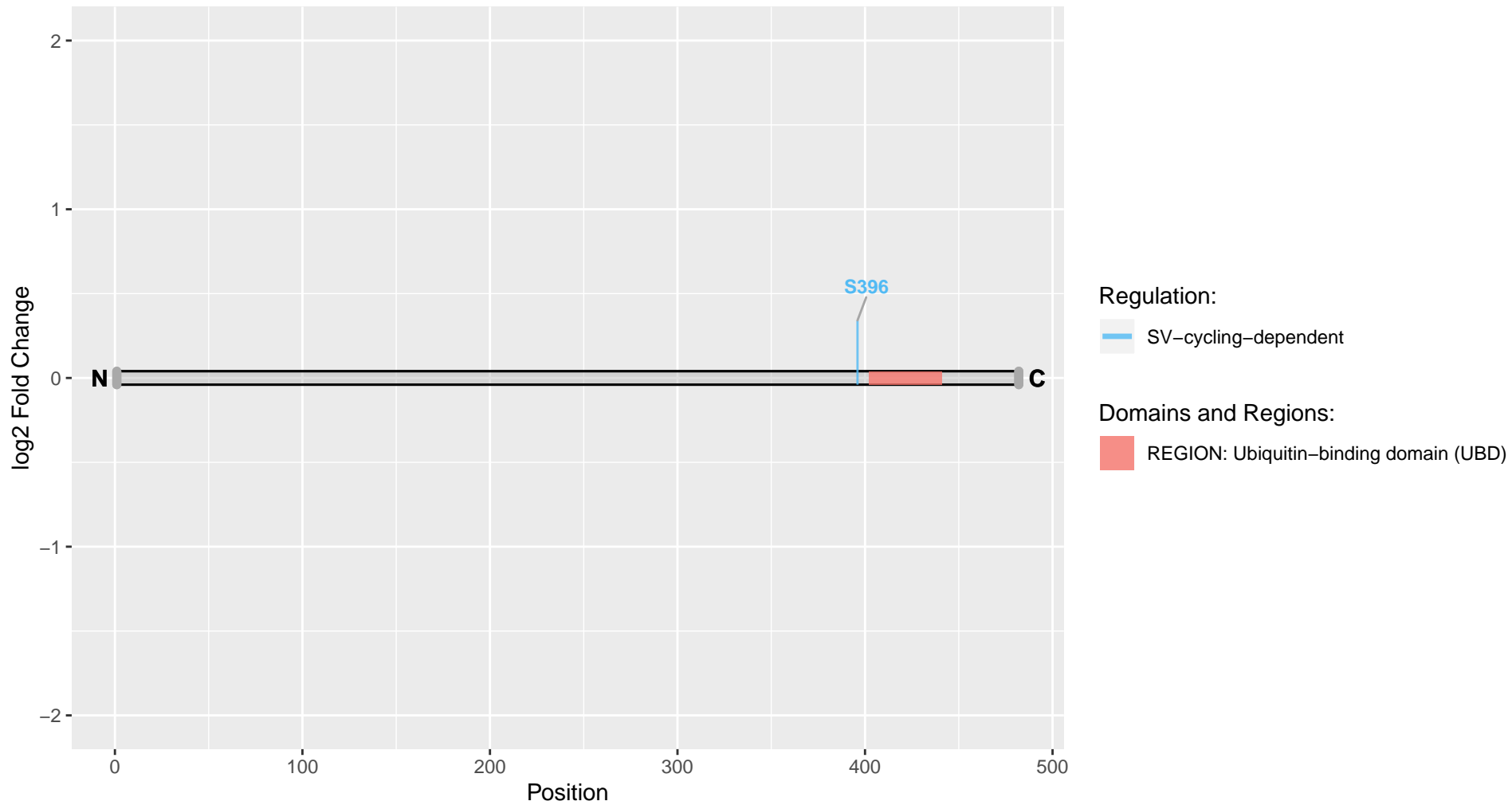
Mitoguardin 2



Mindy1

Uniprot Accession: Q5BJQ2

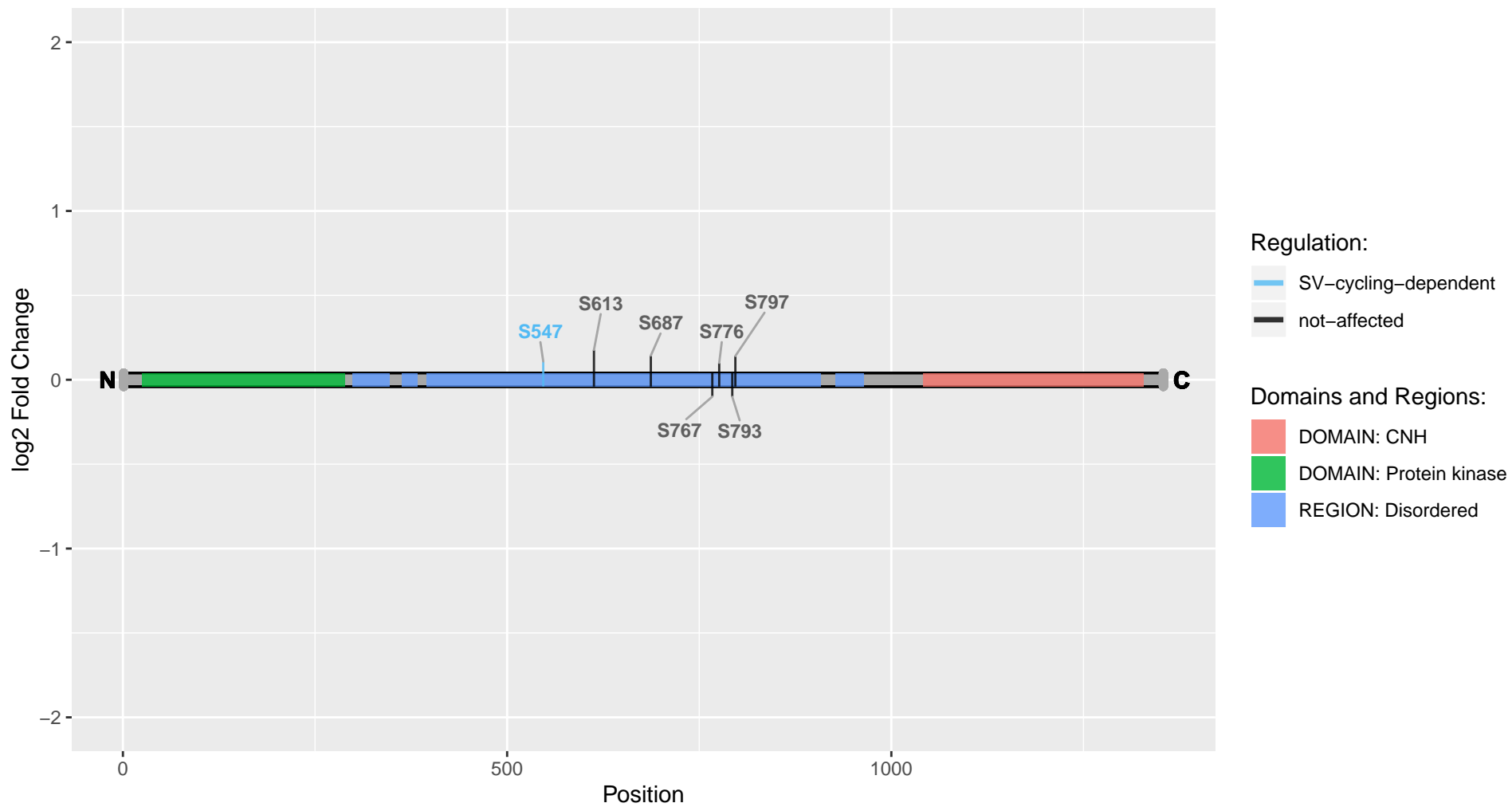
Ubiquitin carboxyl-terminal hydrolase MINDY-1



Mink1

Uniprot Accession: F1LN69

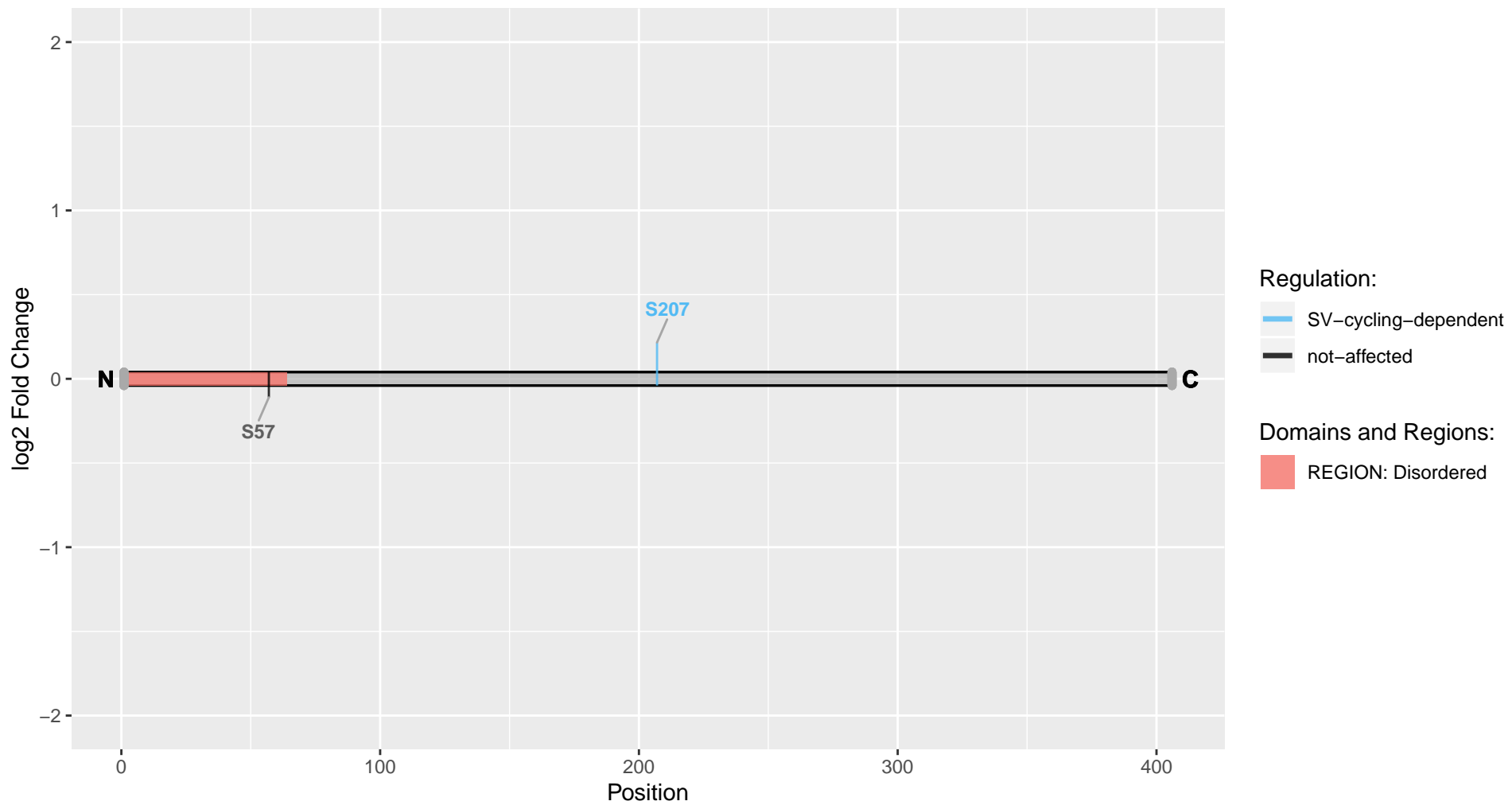
Misshapen-like kinase 1



Mlc1

Uniprot Accession: D4ABB2

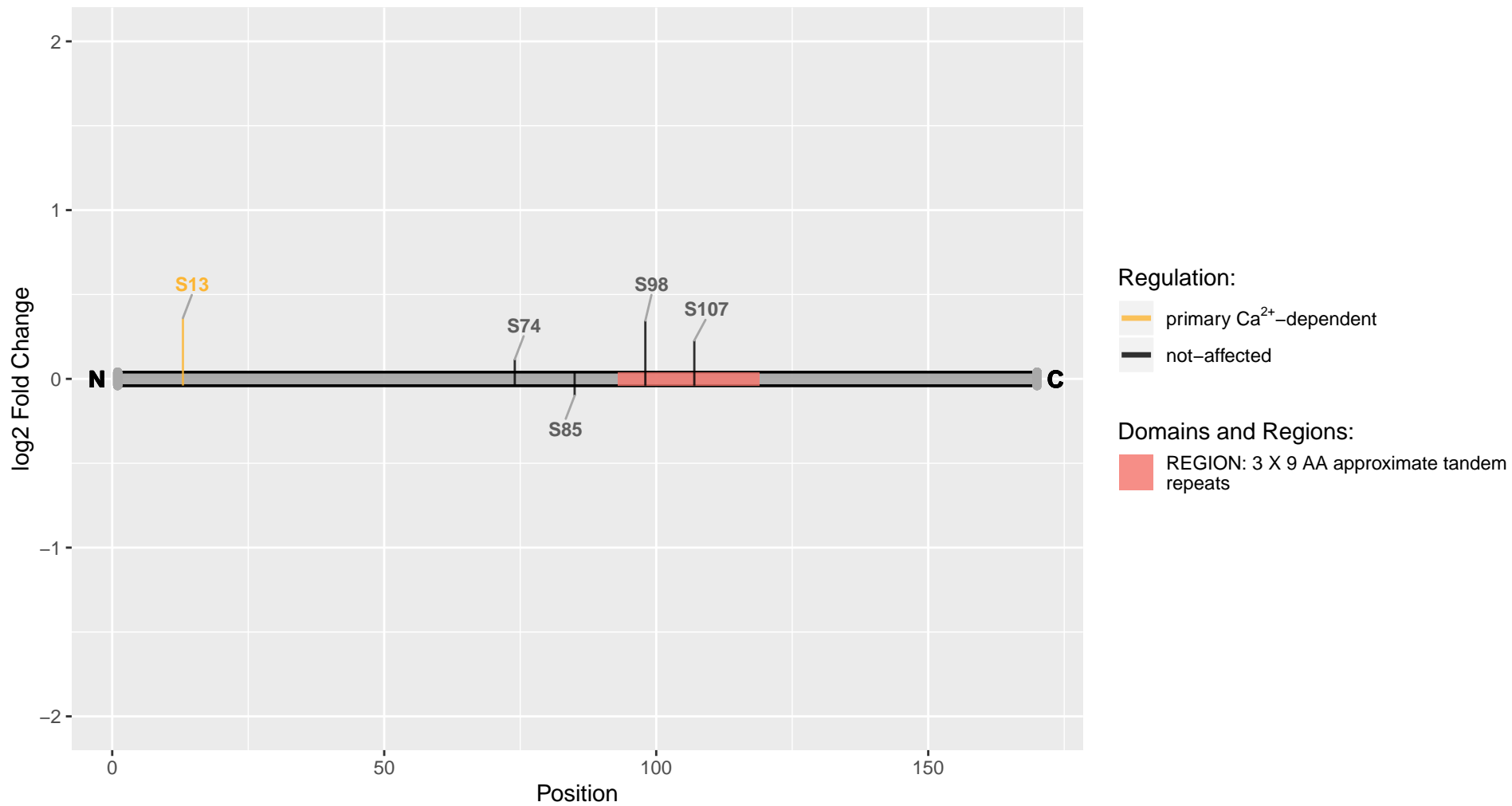
Megalencephalic leukoencephalopathy with subcortical cysts 1



Mobp

Uniprot Accession: Q63327

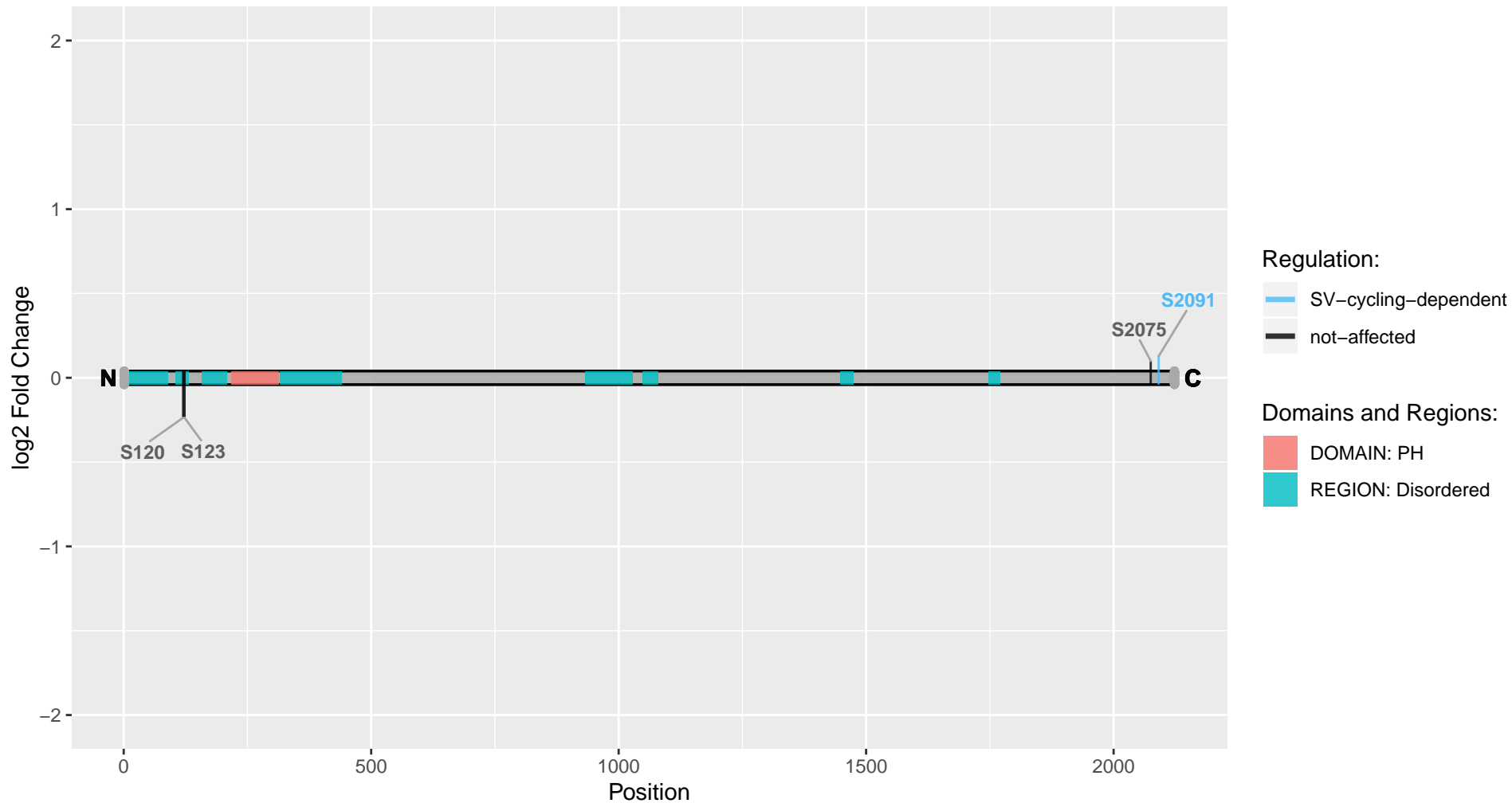
Myelin-associated oligodendrocyte basic protein



Mprip

Uniprot Accession: A0A0G2JUR5

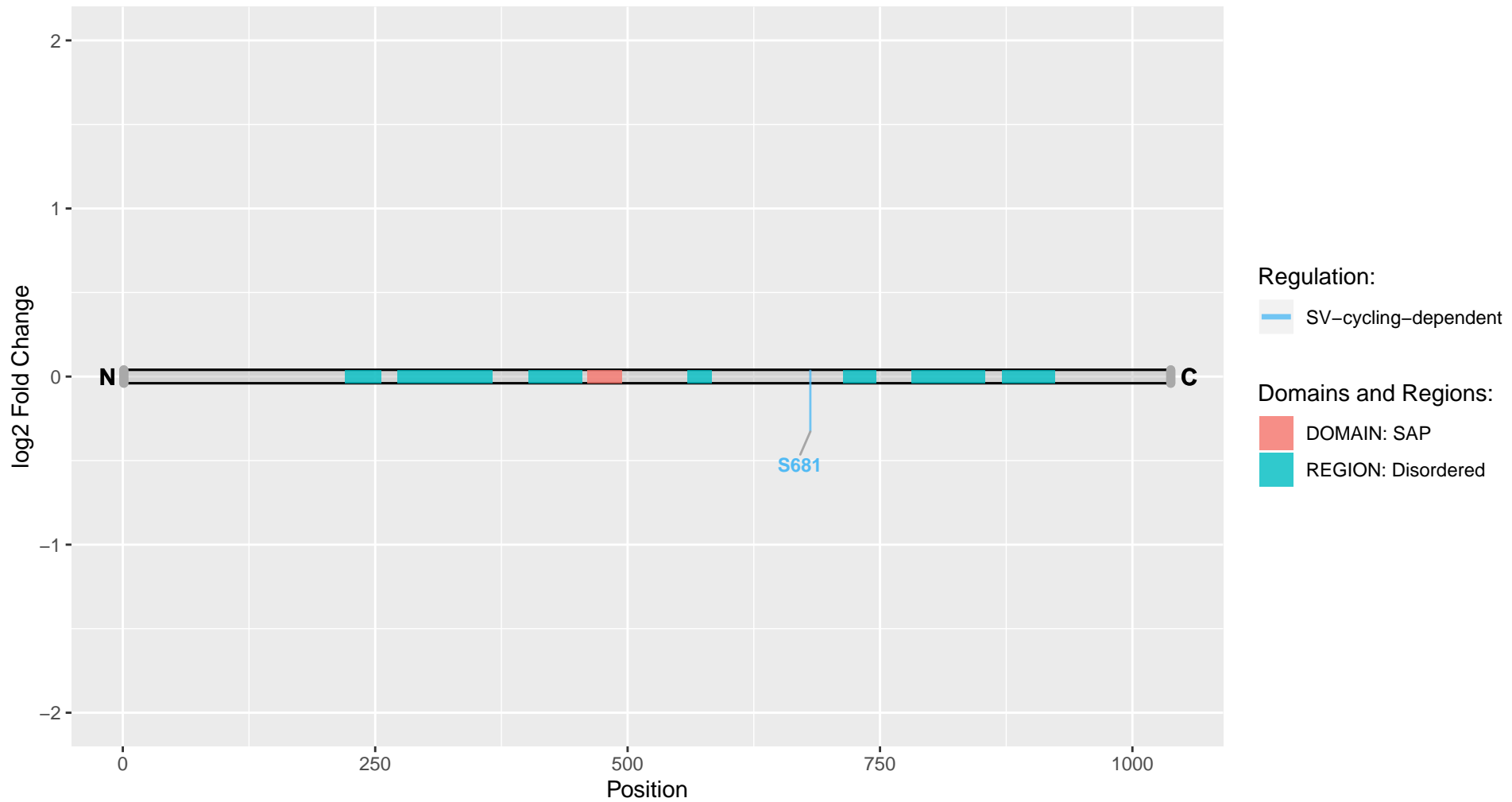
Myosin phosphatase Rho-interacting protein



Mrtfa

Uniprot Accession: A0A0G2JXC5

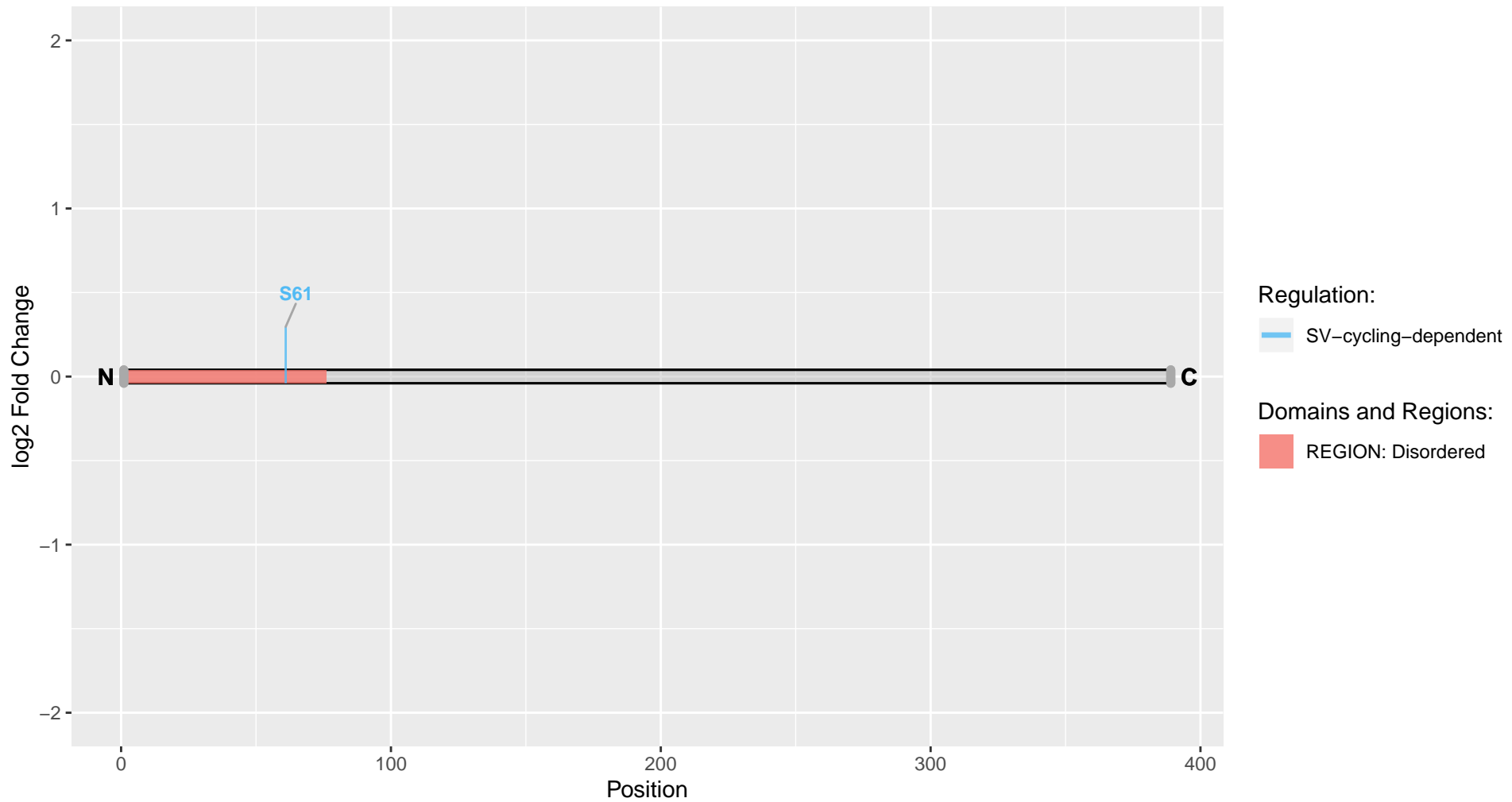
Megakaryoblastic leukemia (translocation) 1



Mtch1

Uniprot Accession: B0BN30

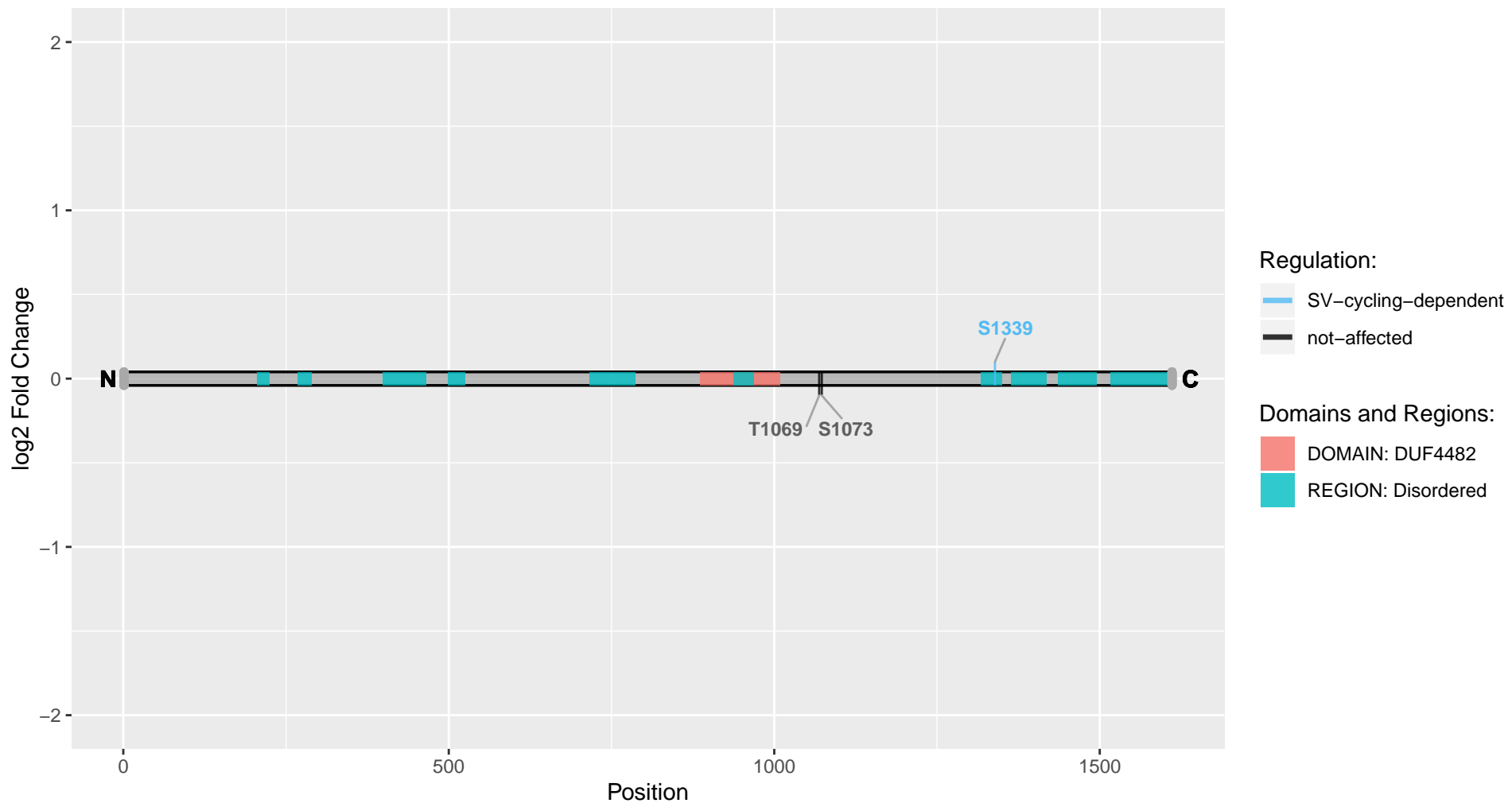
Mitochondrial carrier 1



Mtcl1

Uniprot Accession: D4A5D4

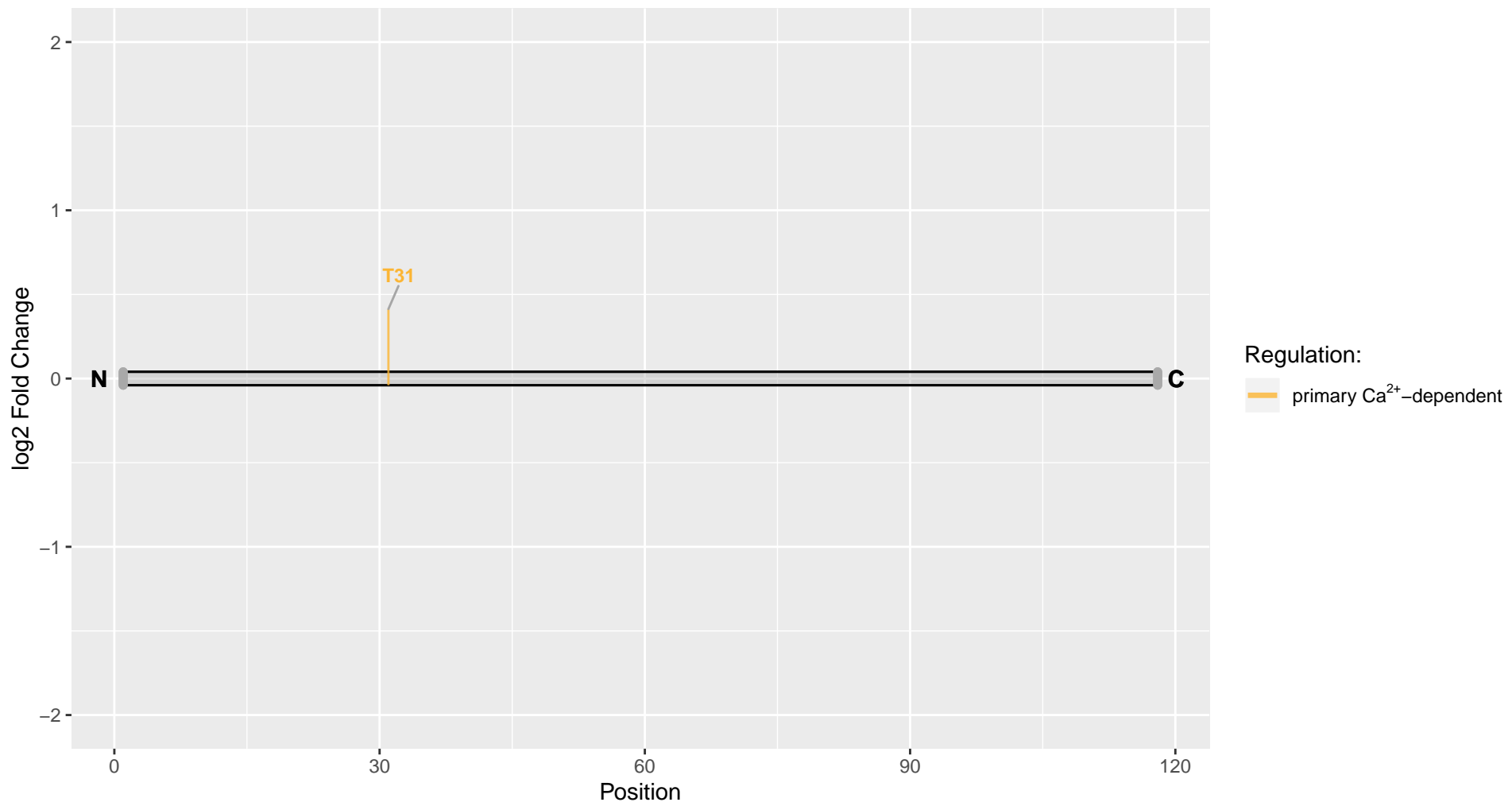
Microtubule crosslinking factor 1



Mtpn

Uniprot Accession: P62775

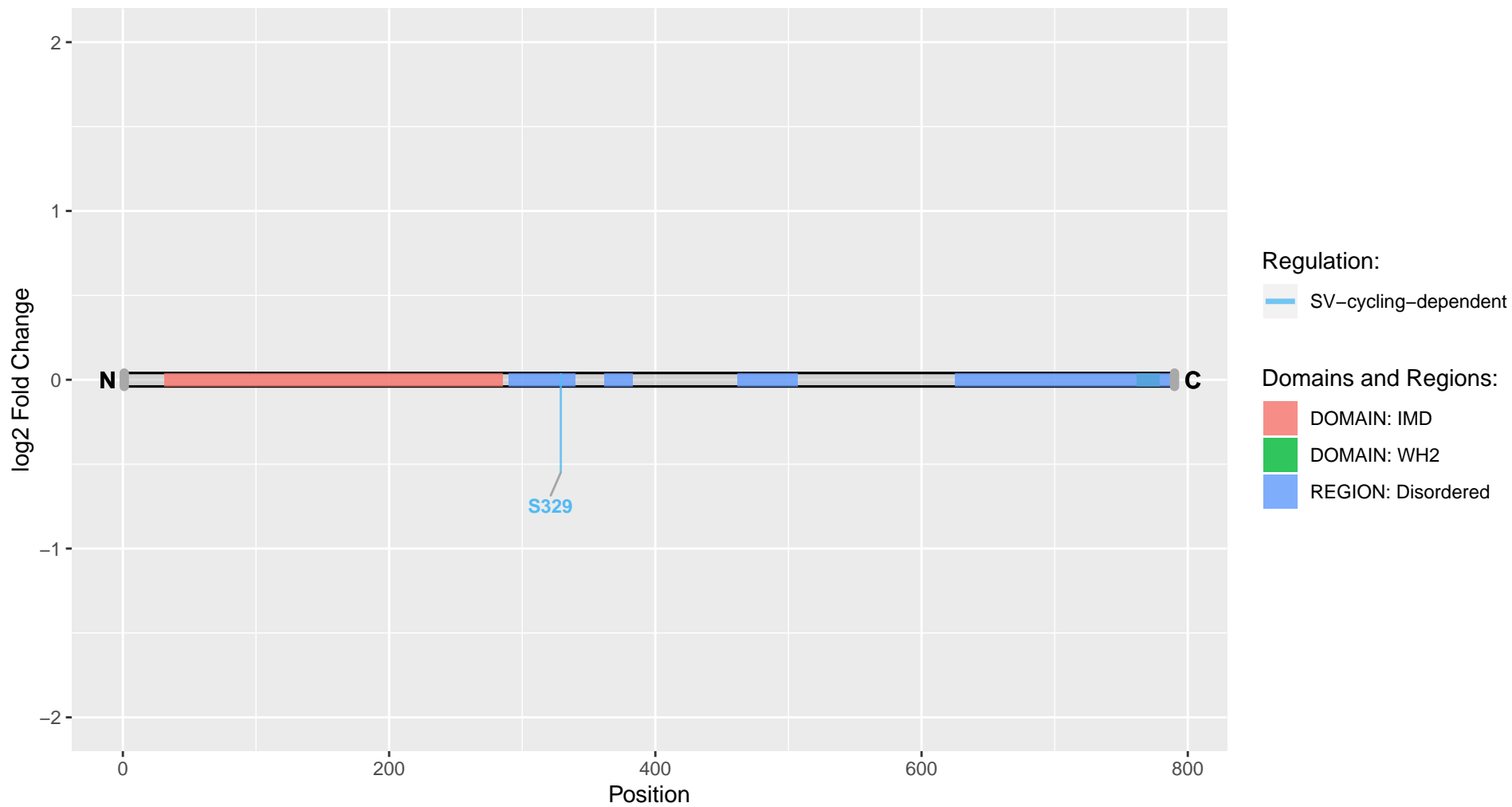
Myotrophin



Mtss1

Uniprot Accession: D3ZYM5

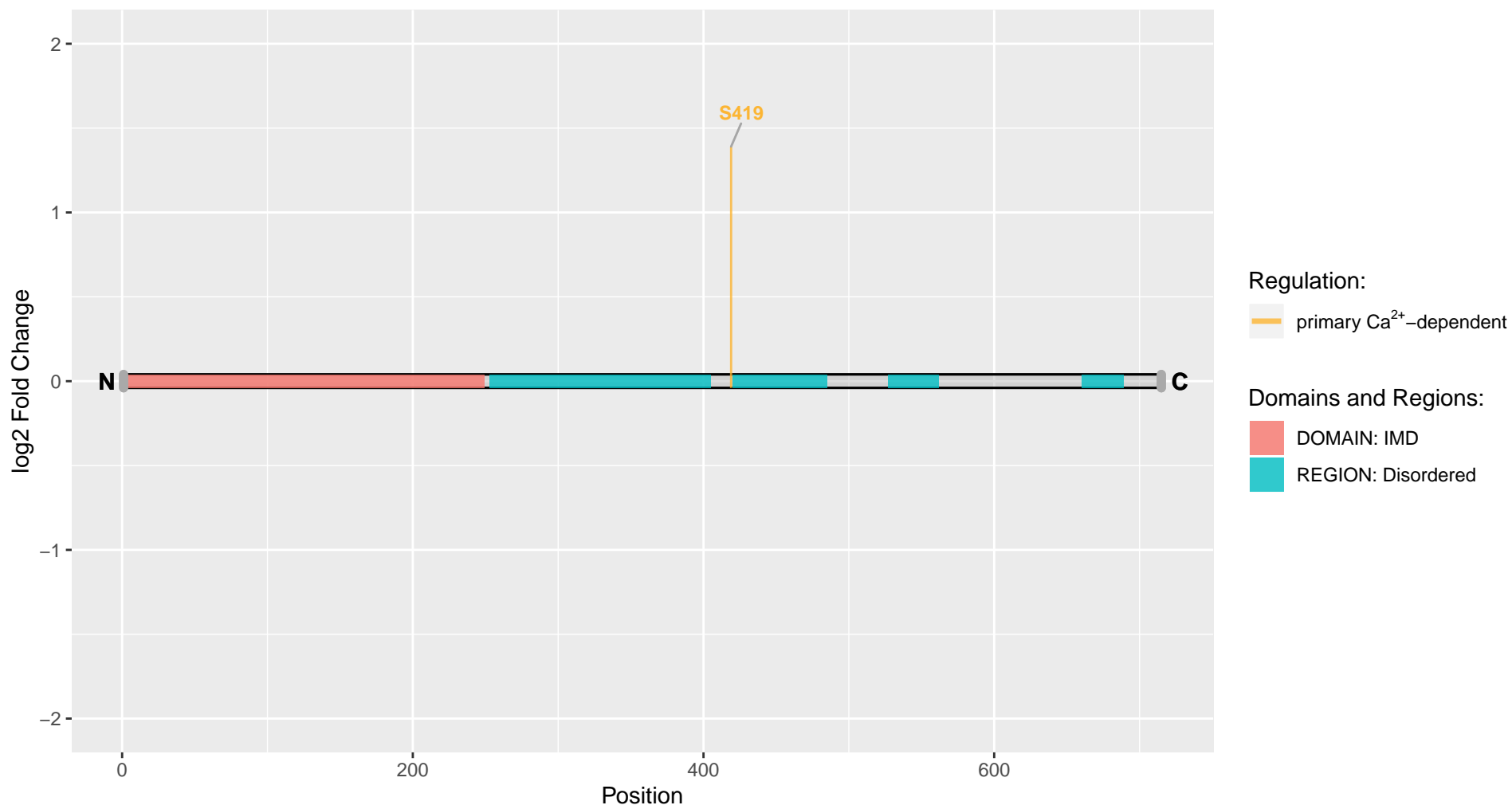
MTSS1, I-BAR domain-containing



Mtss1l

Uniprot Accession: D4A3S6

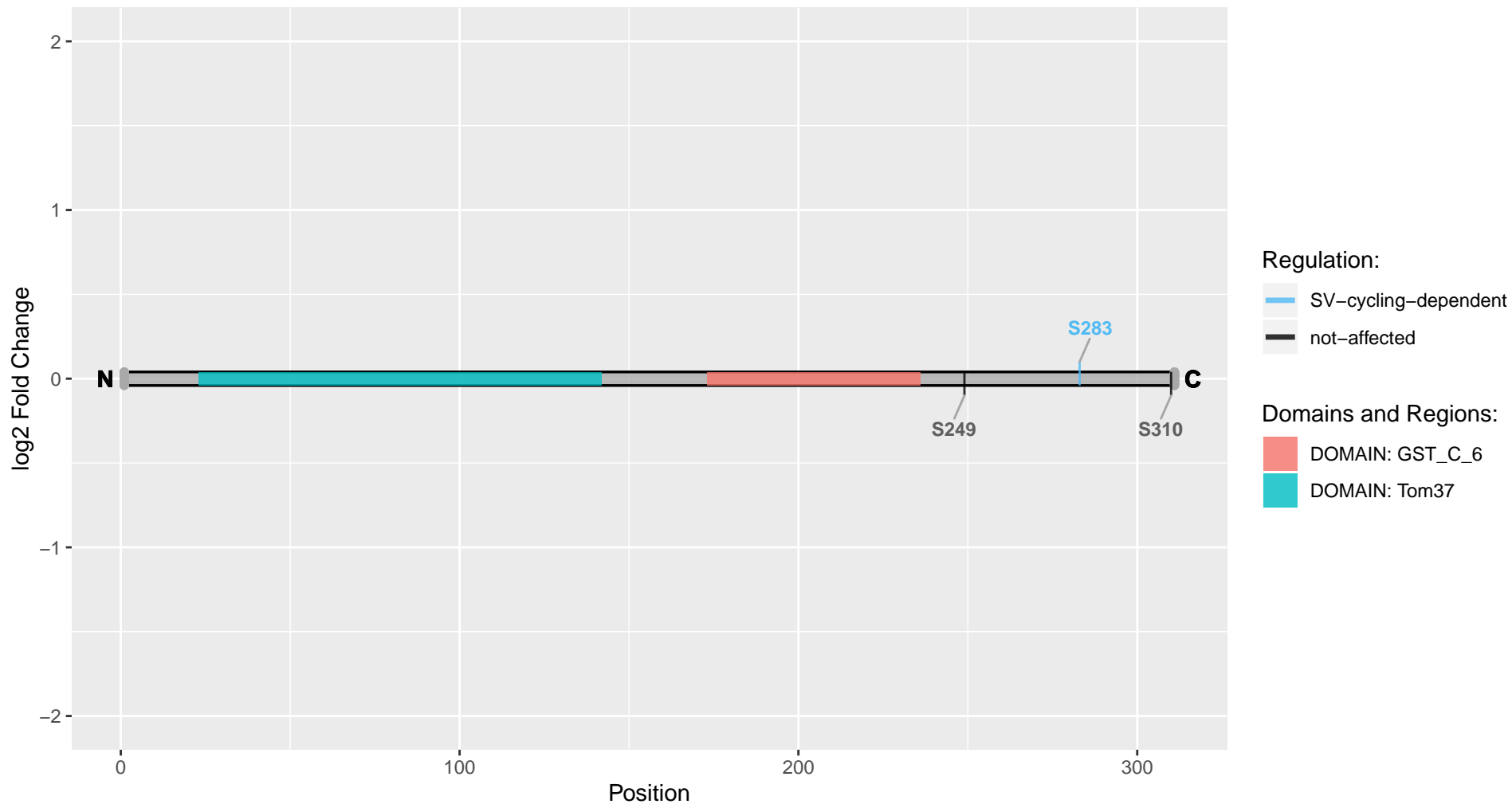
MTSS1L, I-BAR domain-containing



Mtx3

Uniprot Accession: D3ZNK1

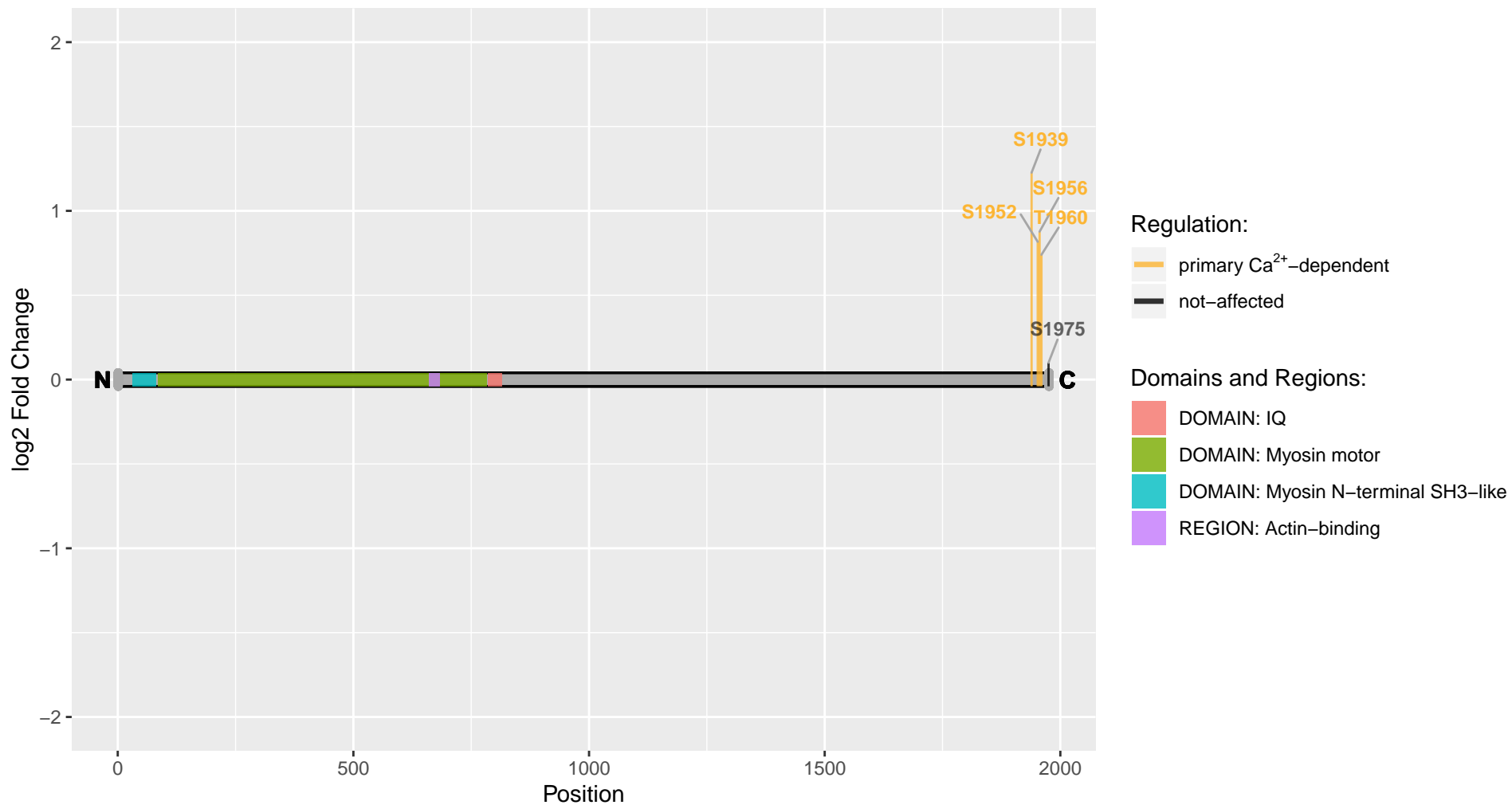
Metaxin 3



Myh10

Uniprot Accession: Q9JLT0

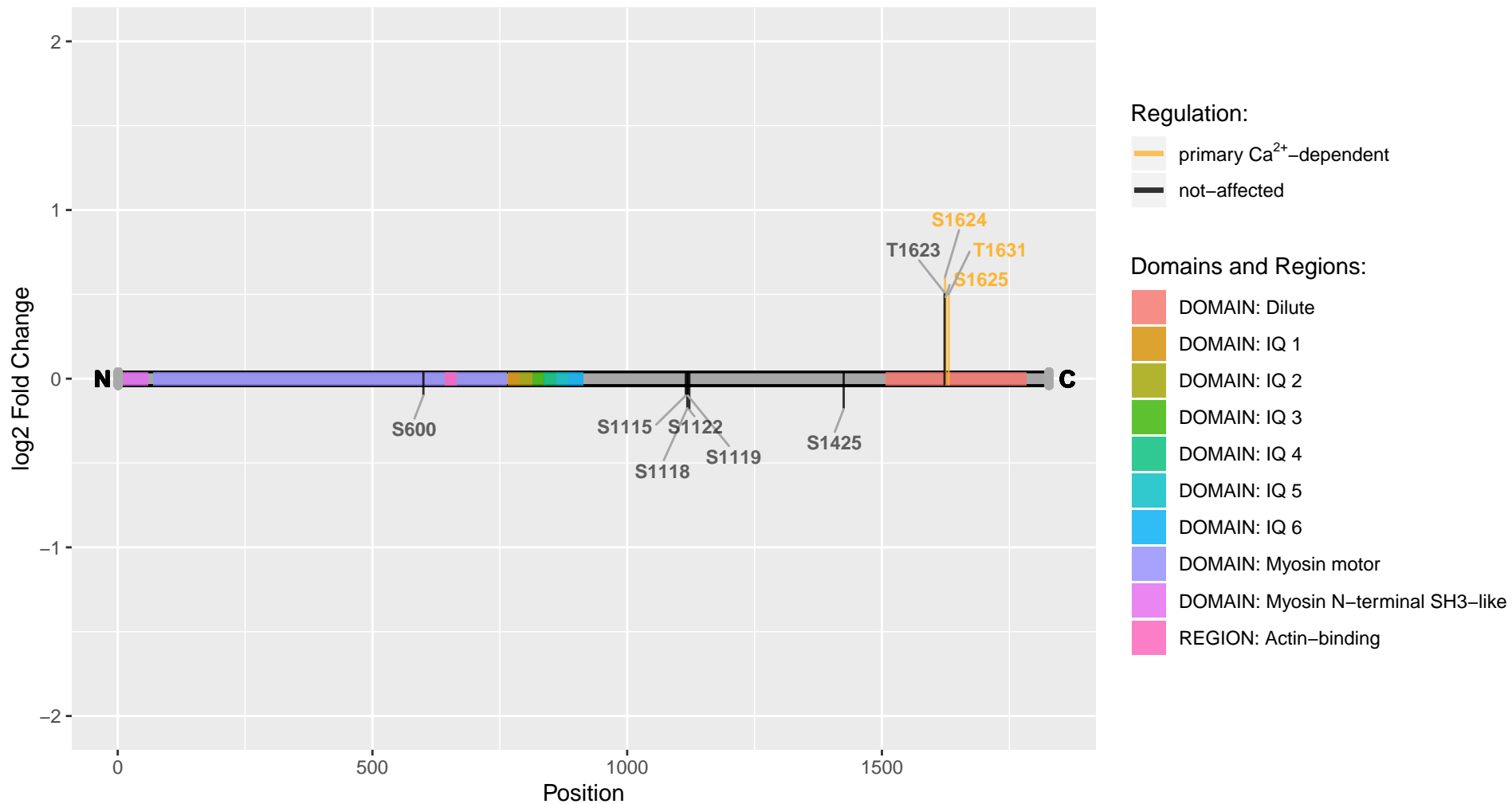
Myosin-10



Myo5a

Uniprot Accession: Q9QYF3

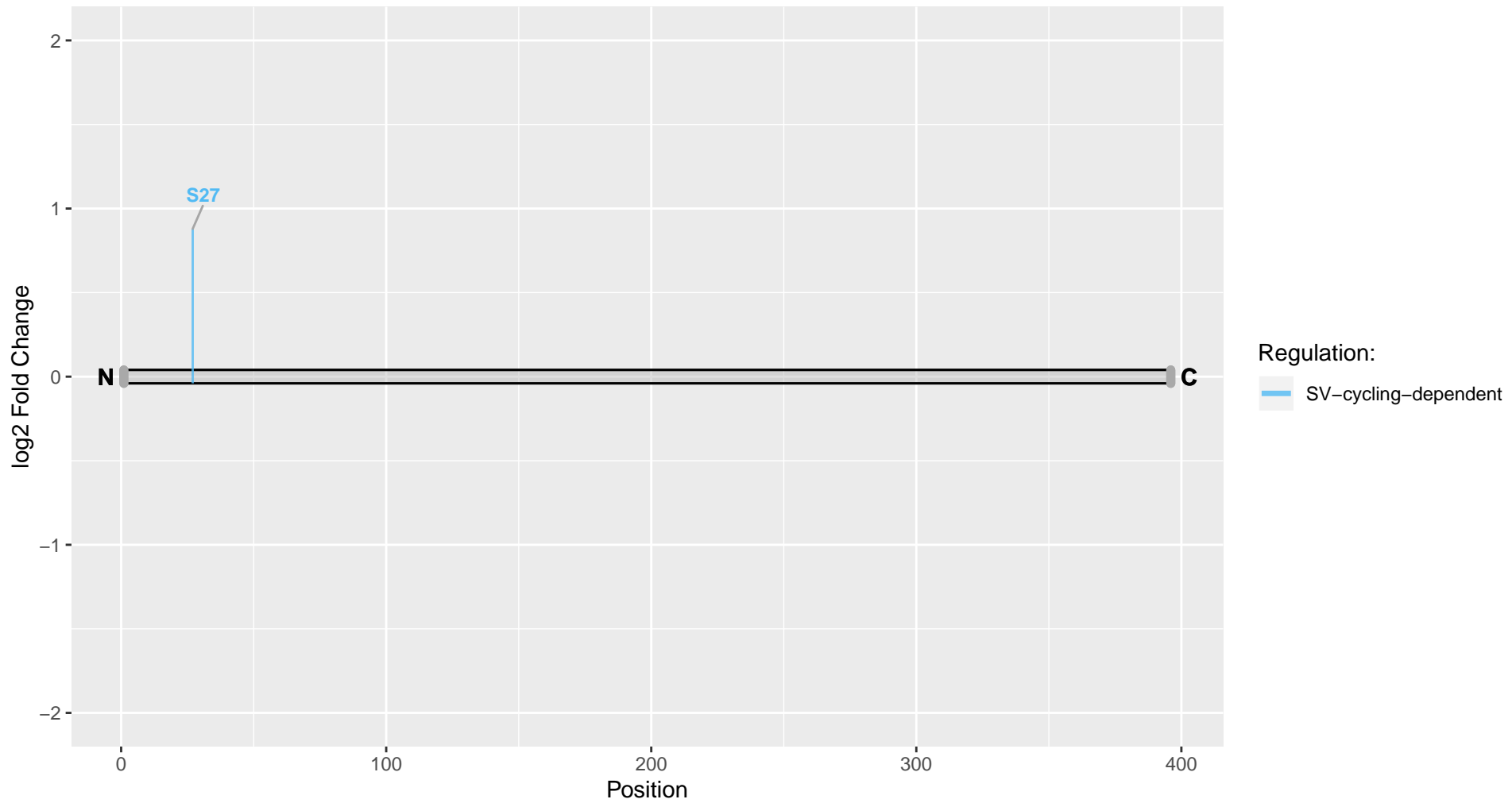
Unconventional myosin-Va



Napepld

Uniprot Accession: Q769K2

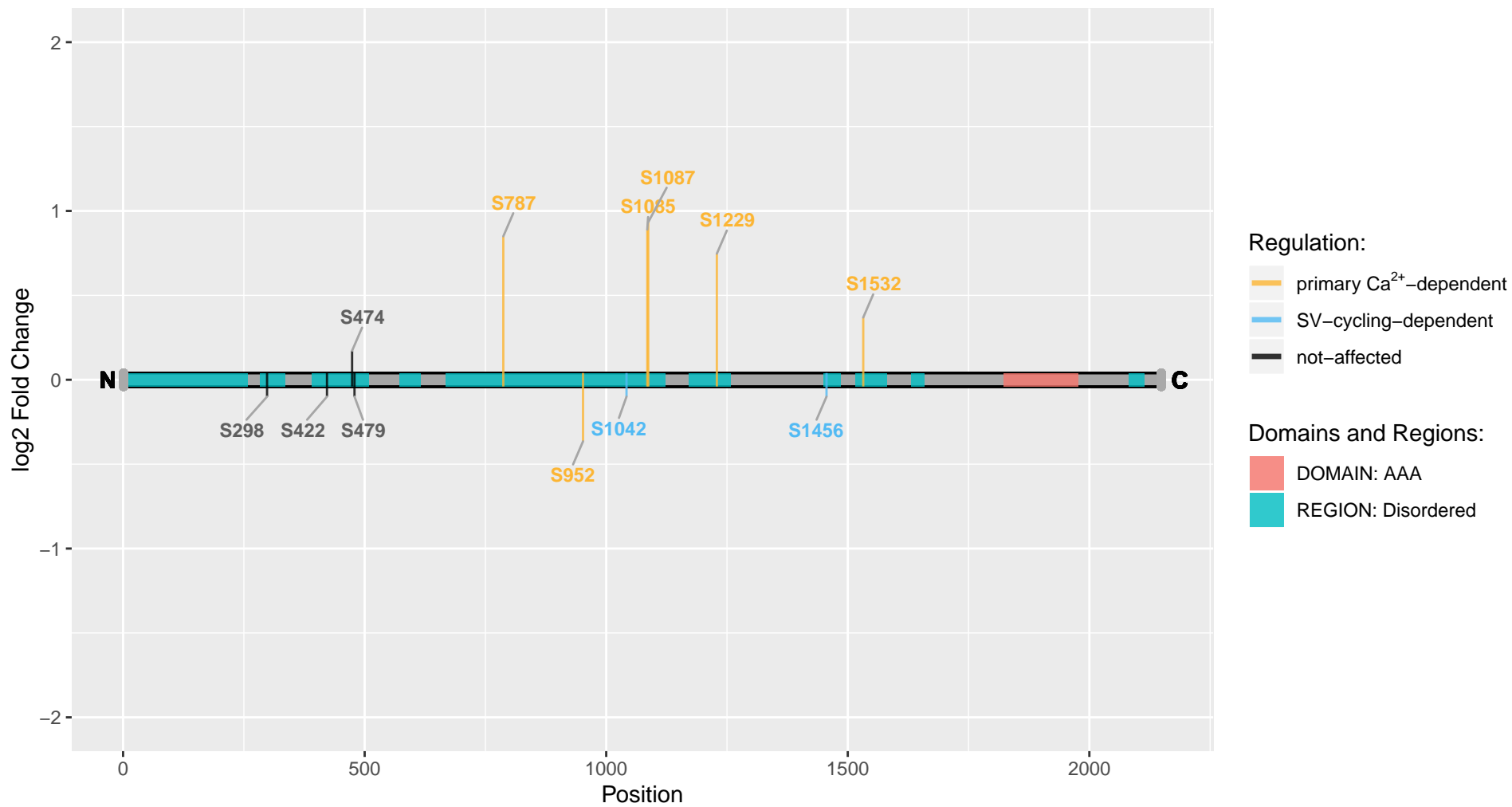
N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D



Nav1

Uniprot Accession: D4A5I4

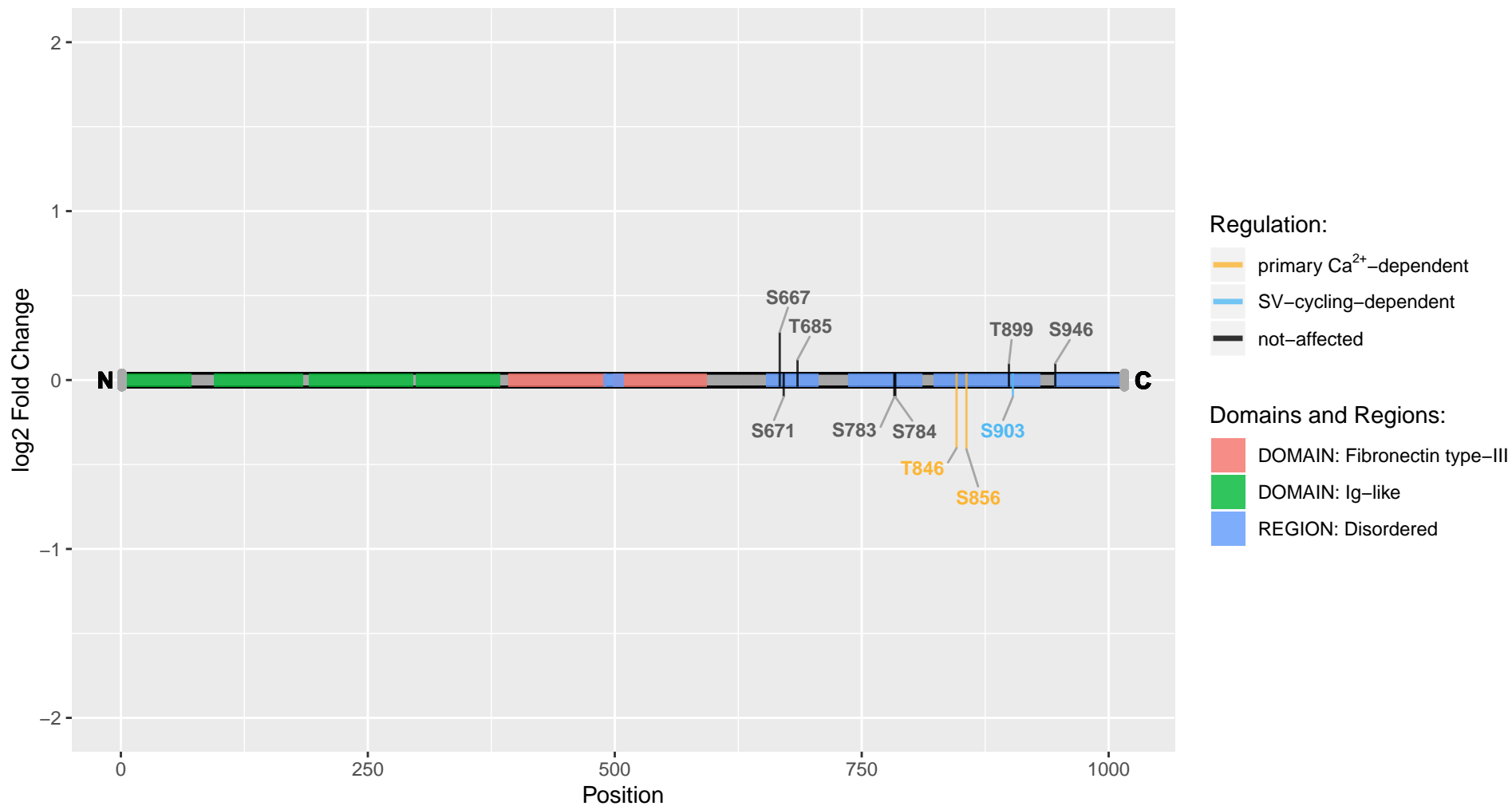
Neuron navigator 1



Ncam1

Uniprot Accession: A0A0G2K0M8

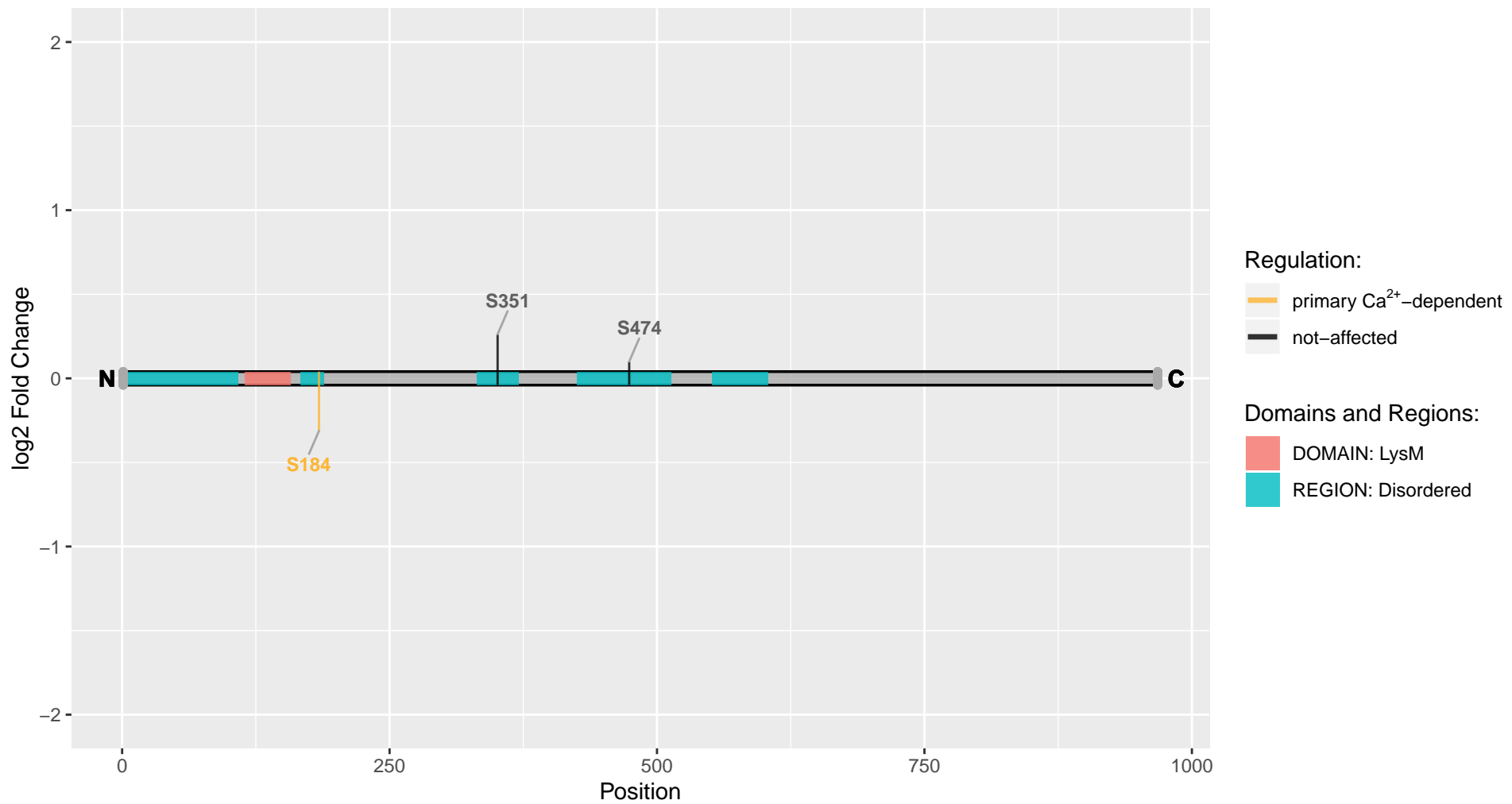
Neural cell adhesion molecule 1



Ncoa7

Uniprot Accession: F1LWN1

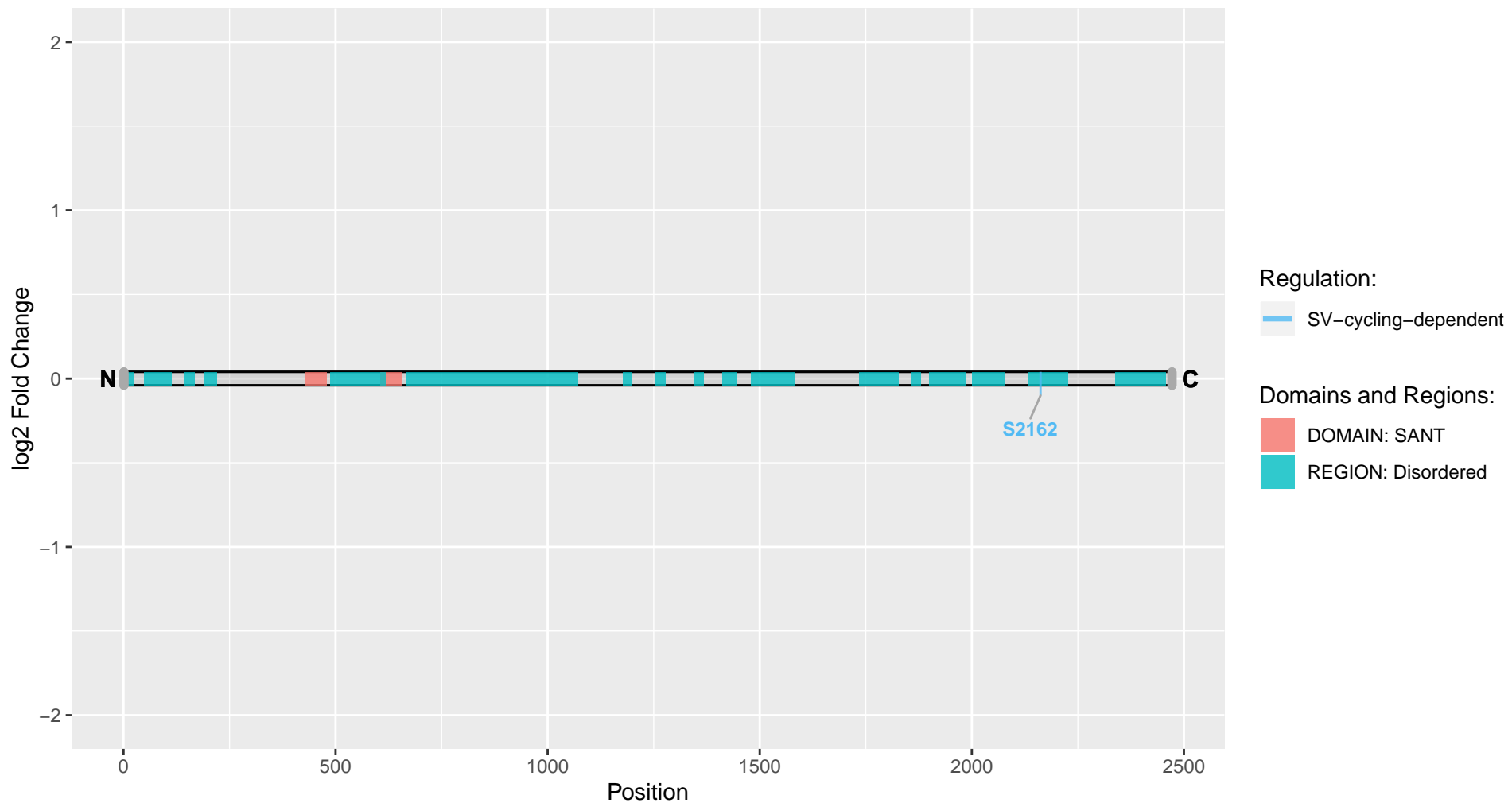
Nuclear receptor coactivator 7



Ncor2

Uniprot Accession: D3ZXN9

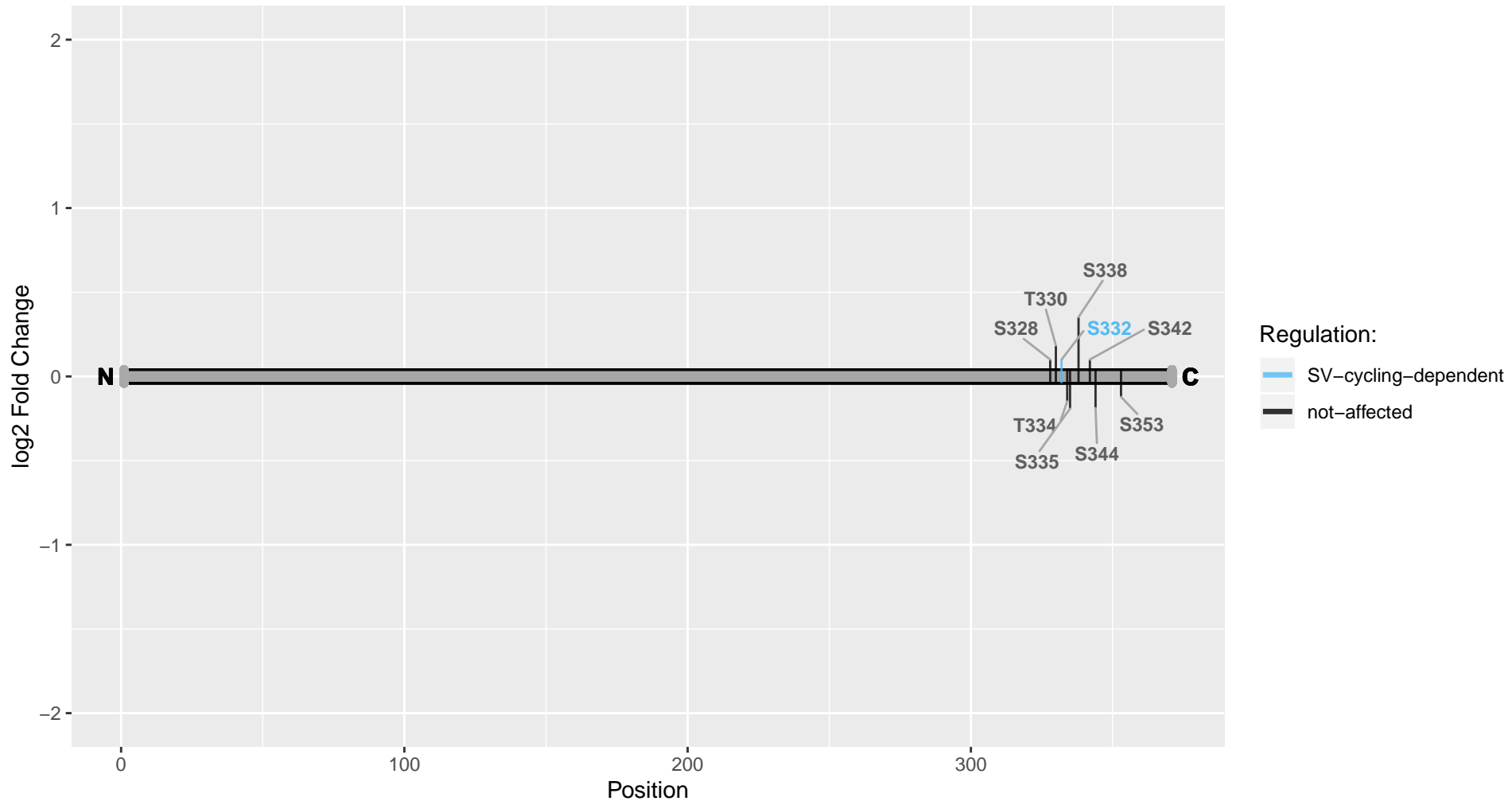
Nuclear receptor co-repressor 2



NdrG2

Uniprot Accession: Q8VBU2

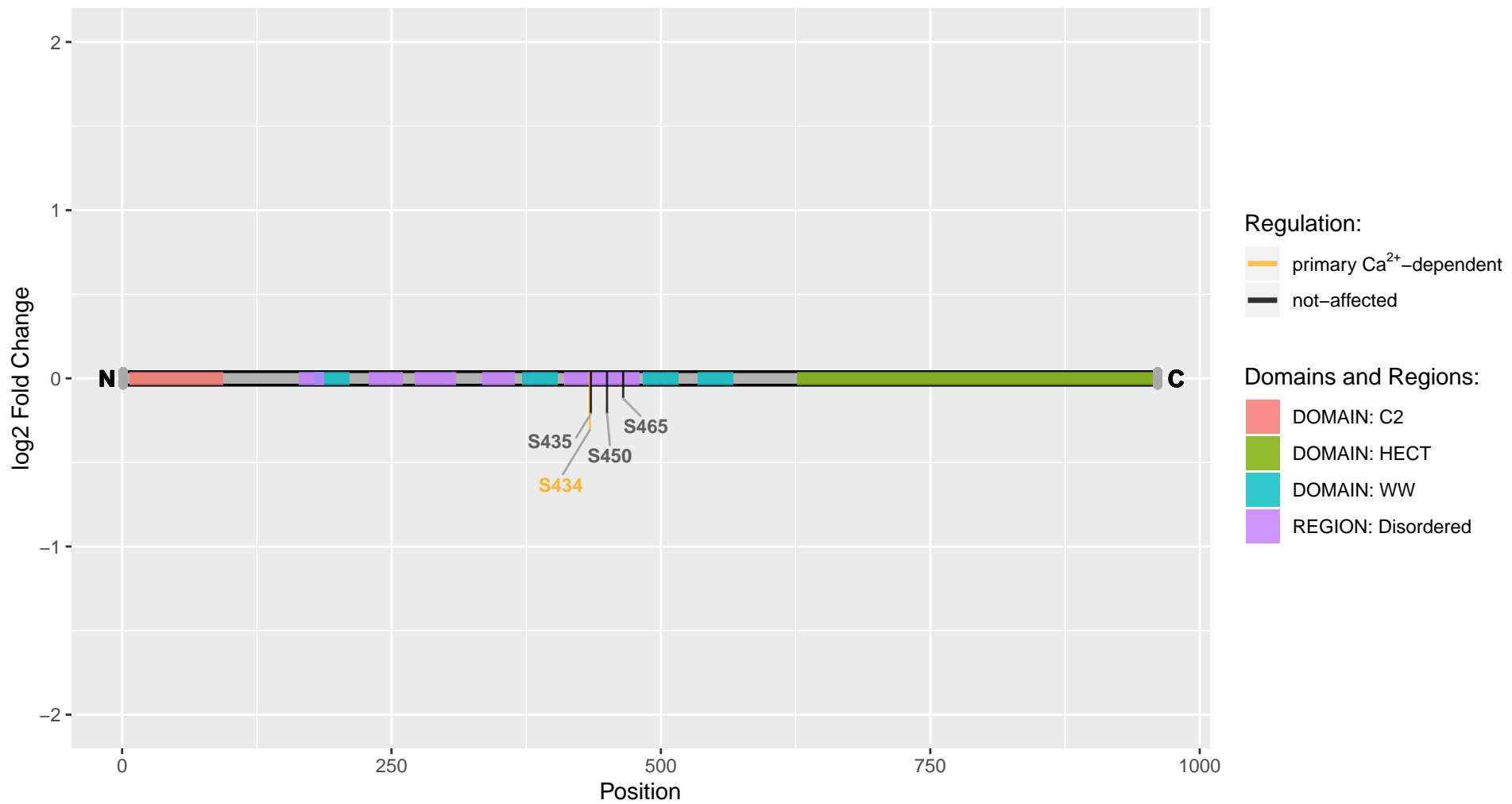
Protein NDRG2



Nedd4l

Uniprot Accession: A0A0G2JXP3

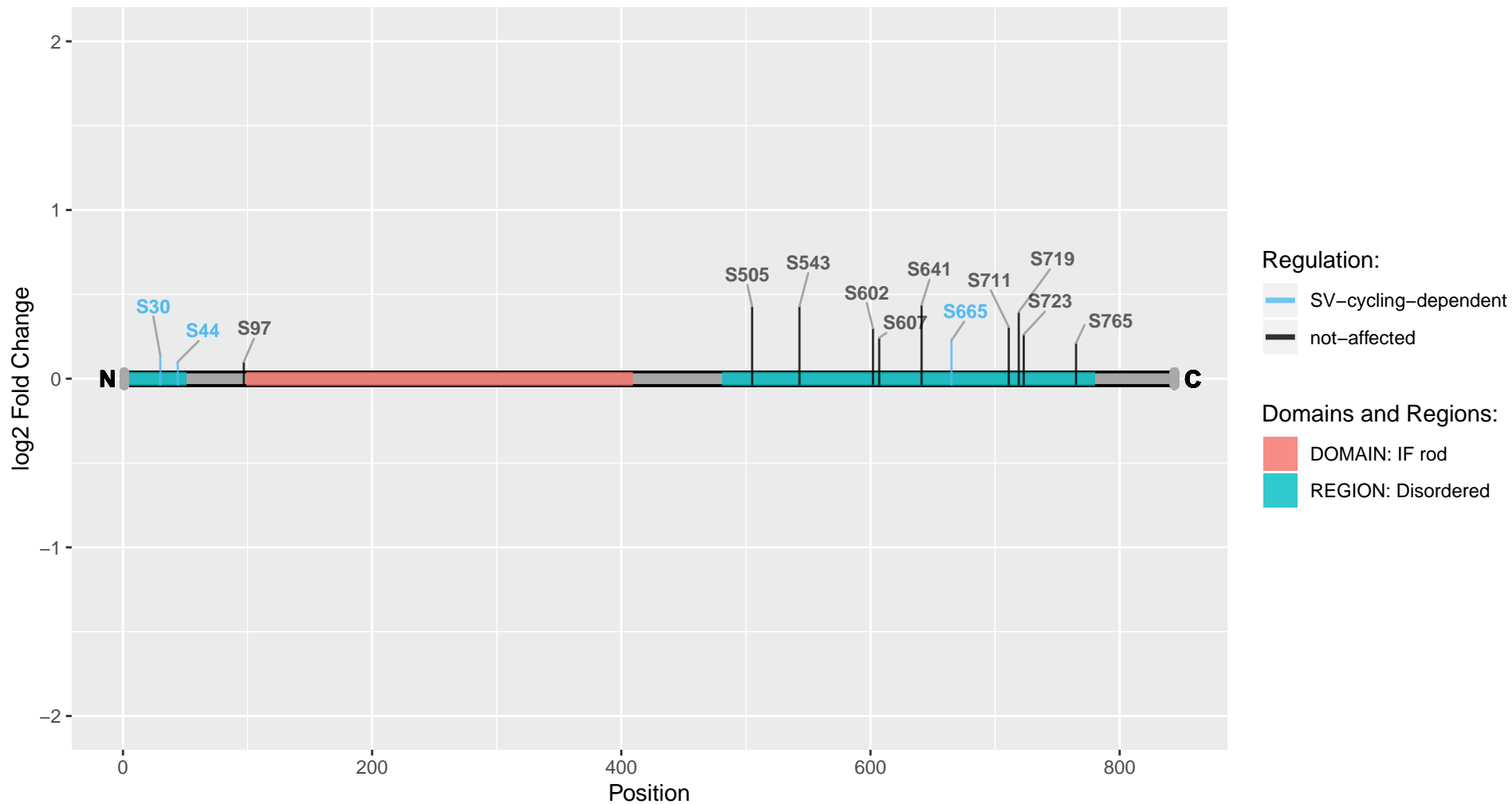
Neural precursor cell-expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase



Nefm

Uniprot Accession: G3V7S2

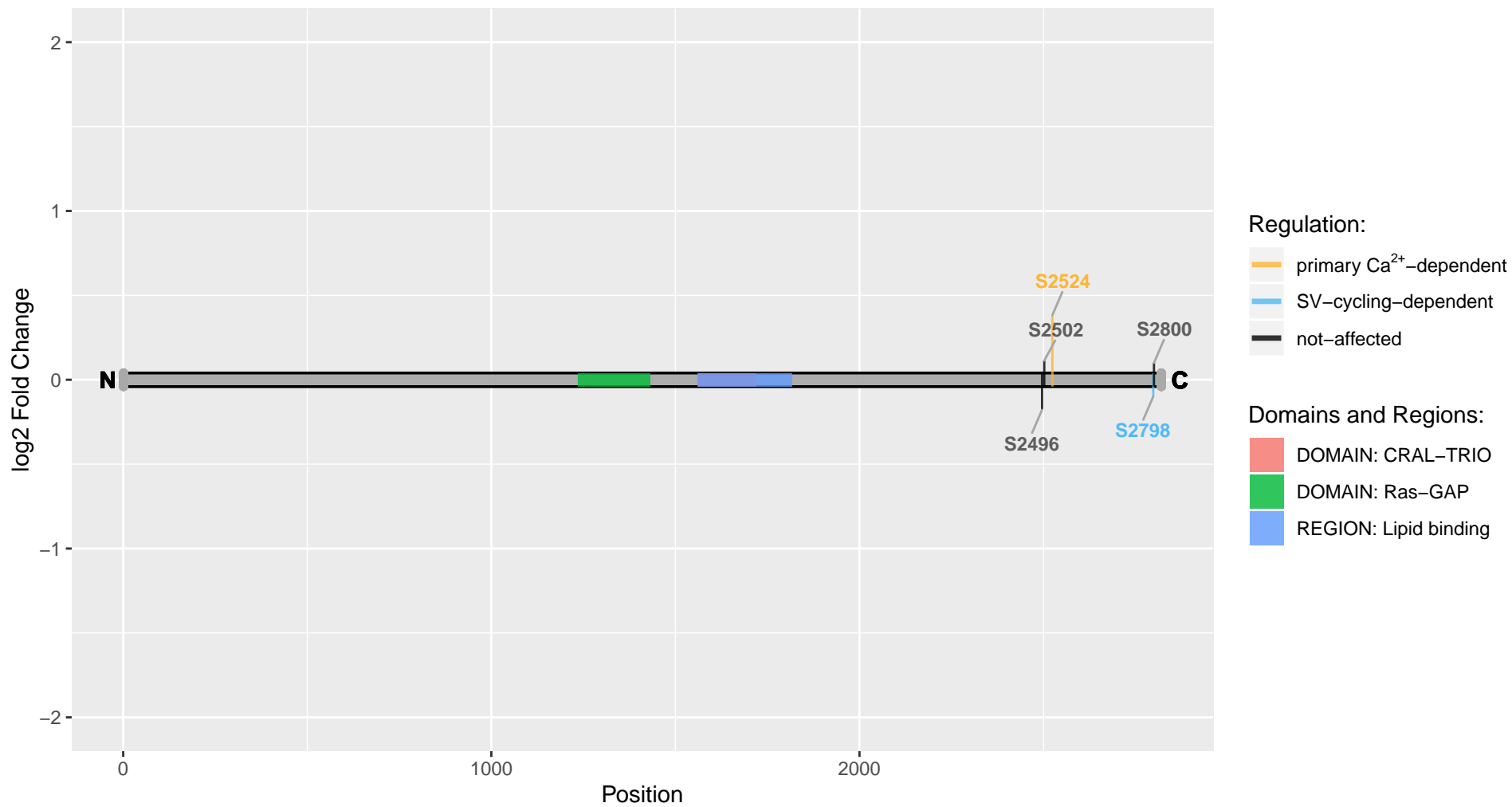
Neurofilament medium polypeptide



Nf1

Uniprot Accession: P97526

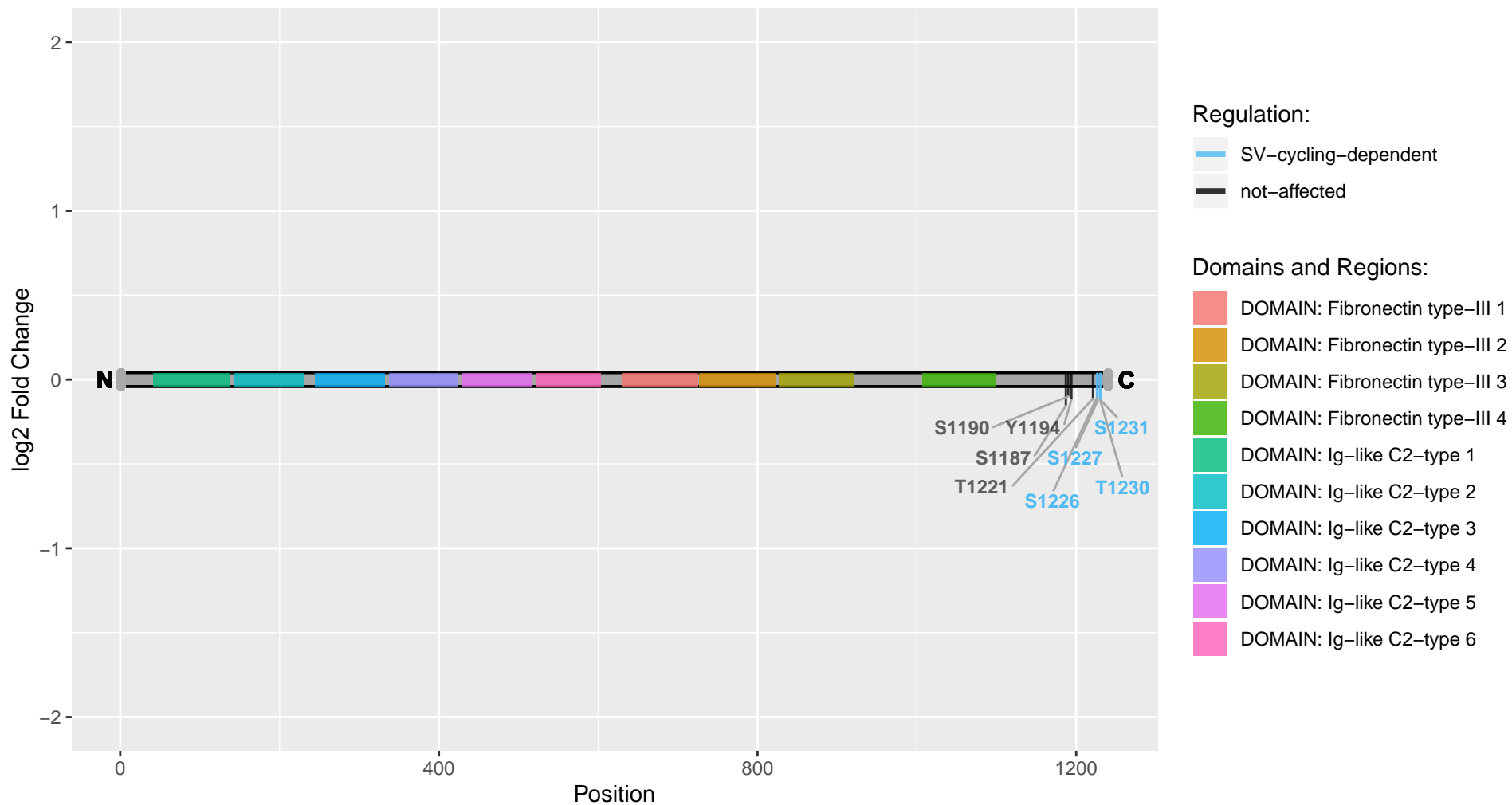
Neurofibromin



Nfasc

Uniprot Accession: P97685

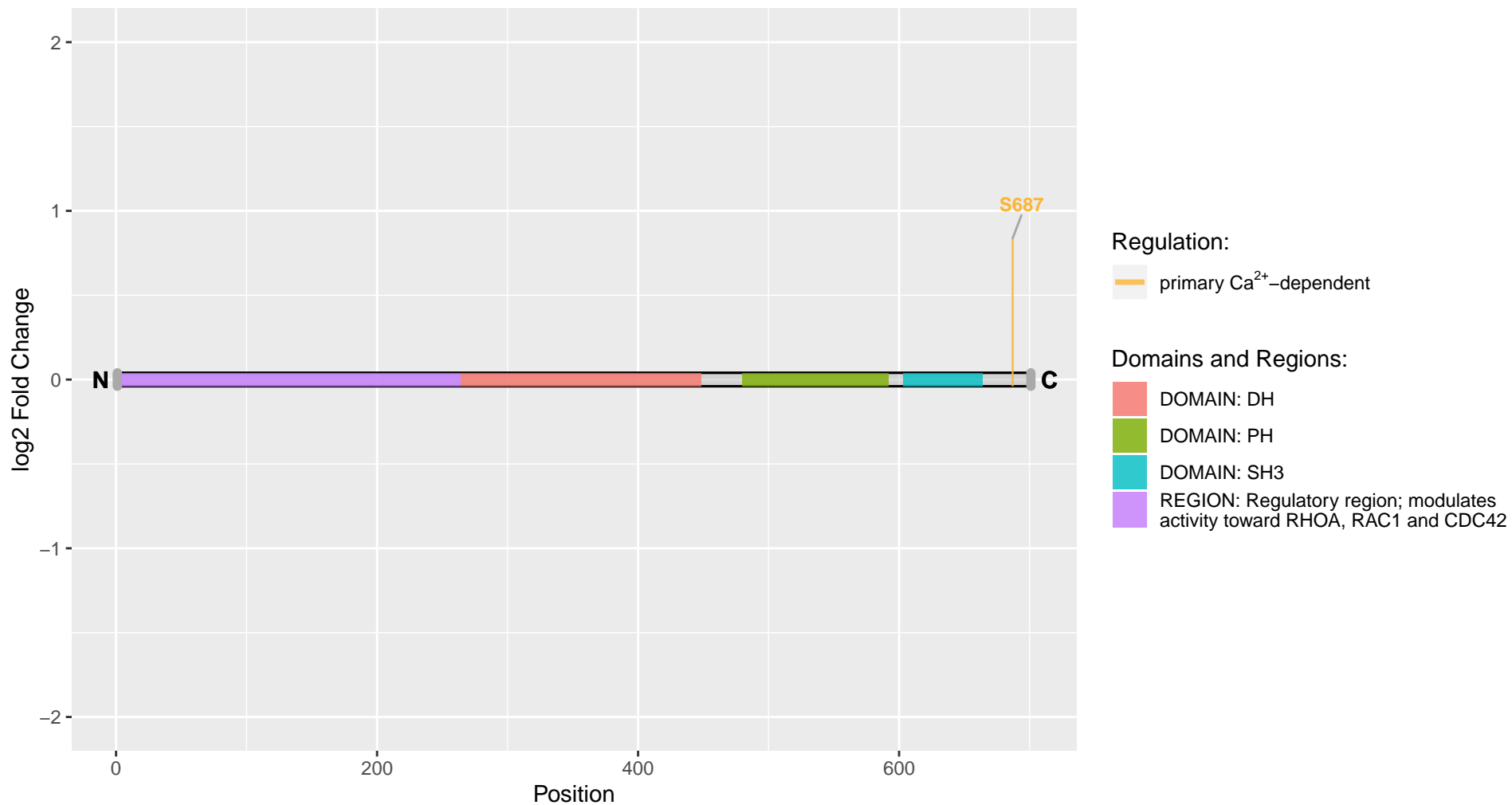
Neurofascin



Ngef

Uniprot Accession: Q5BKC9

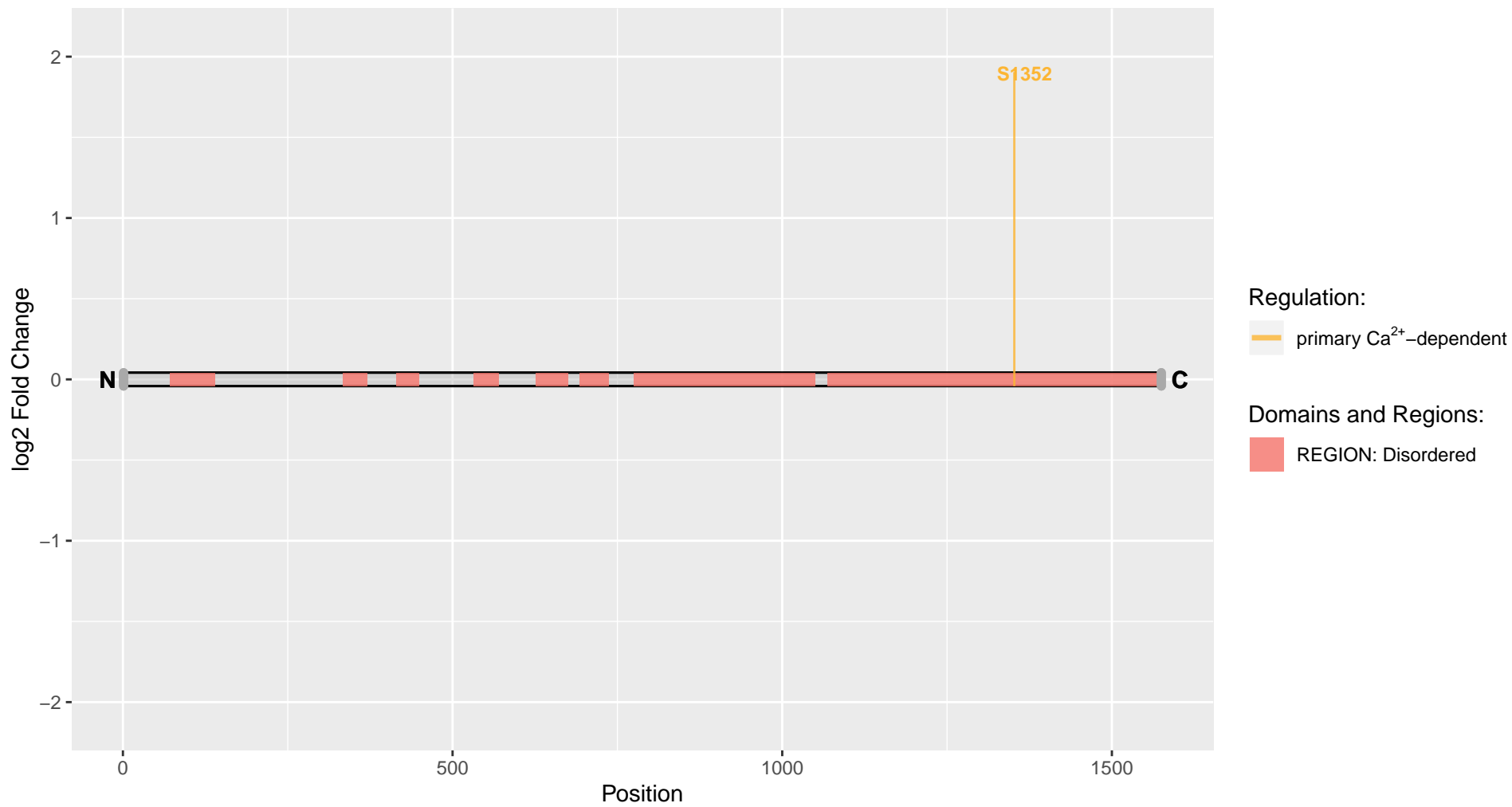
Ephexin-1



Nhs1

Uniprot Accession: A0A0G2JZL4

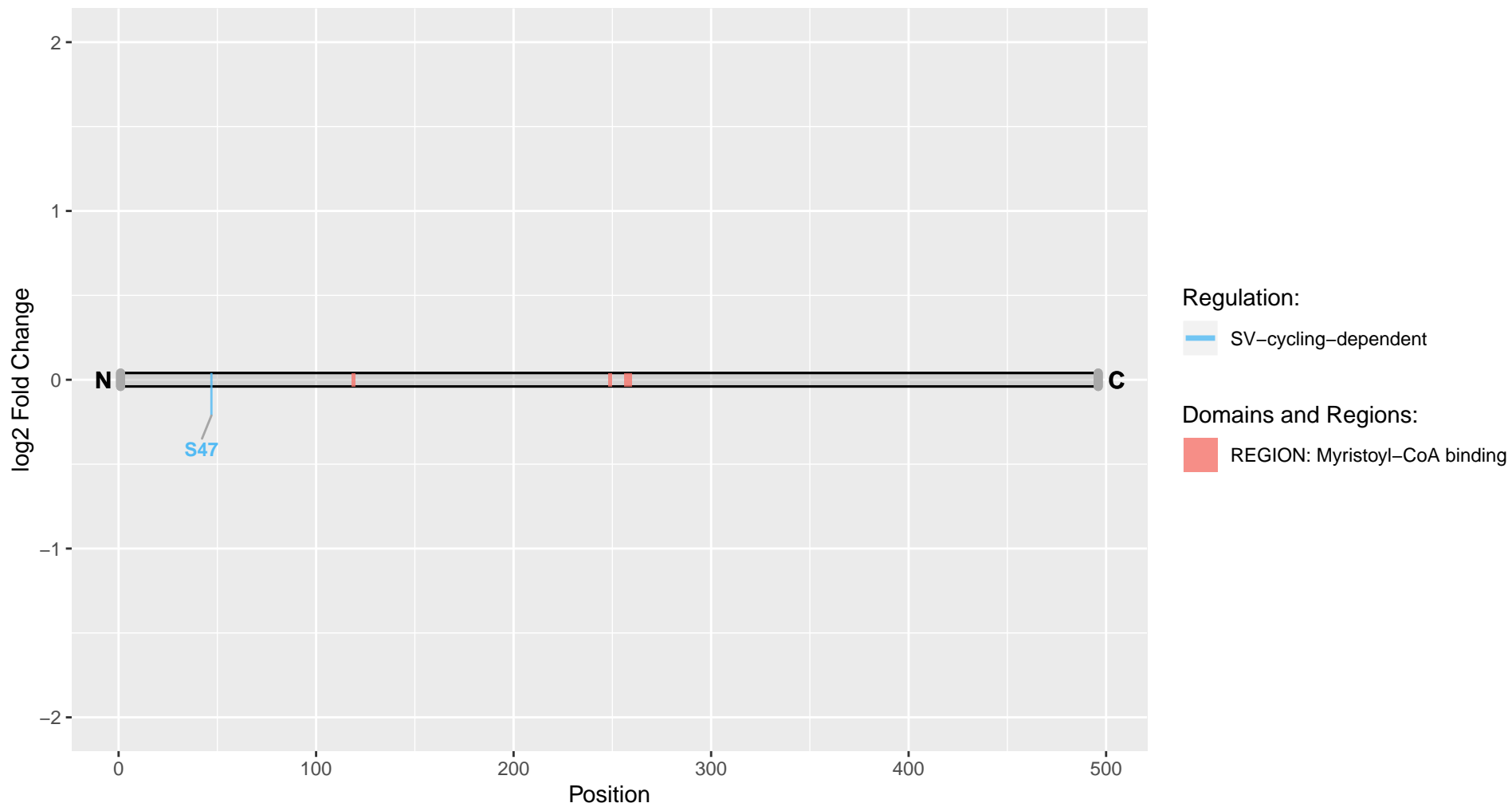
NHS-like 1



Nmt1

Uniprot Accession: Q8K1Q0

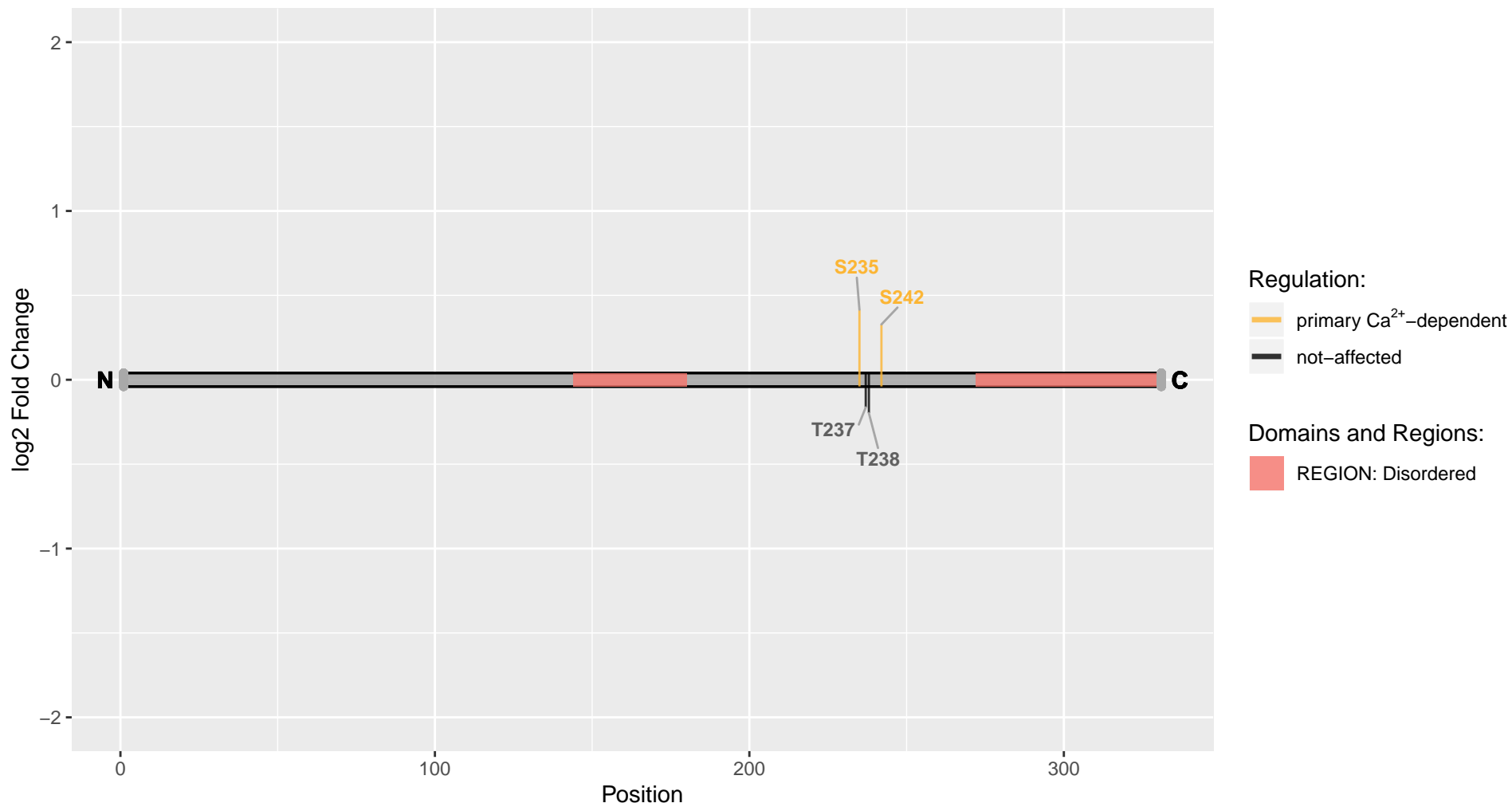
Glycylpeptide N-tetradecanoyltransferase 1



Npdc1

Uniprot Accession: Q6AY81

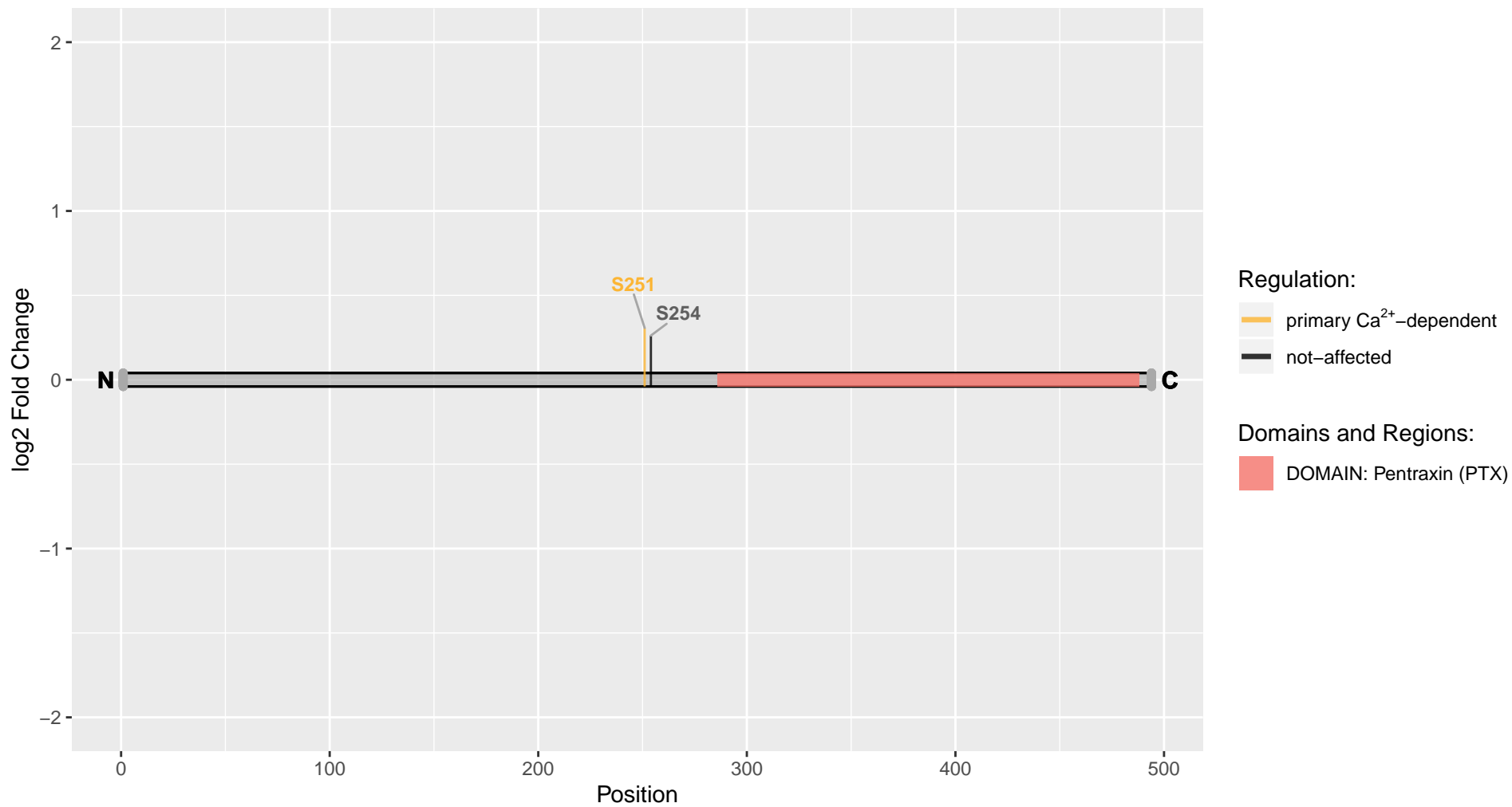
Neural proliferation, differentiation and control, 1



Nptxr

Uniprot Accession: O35764

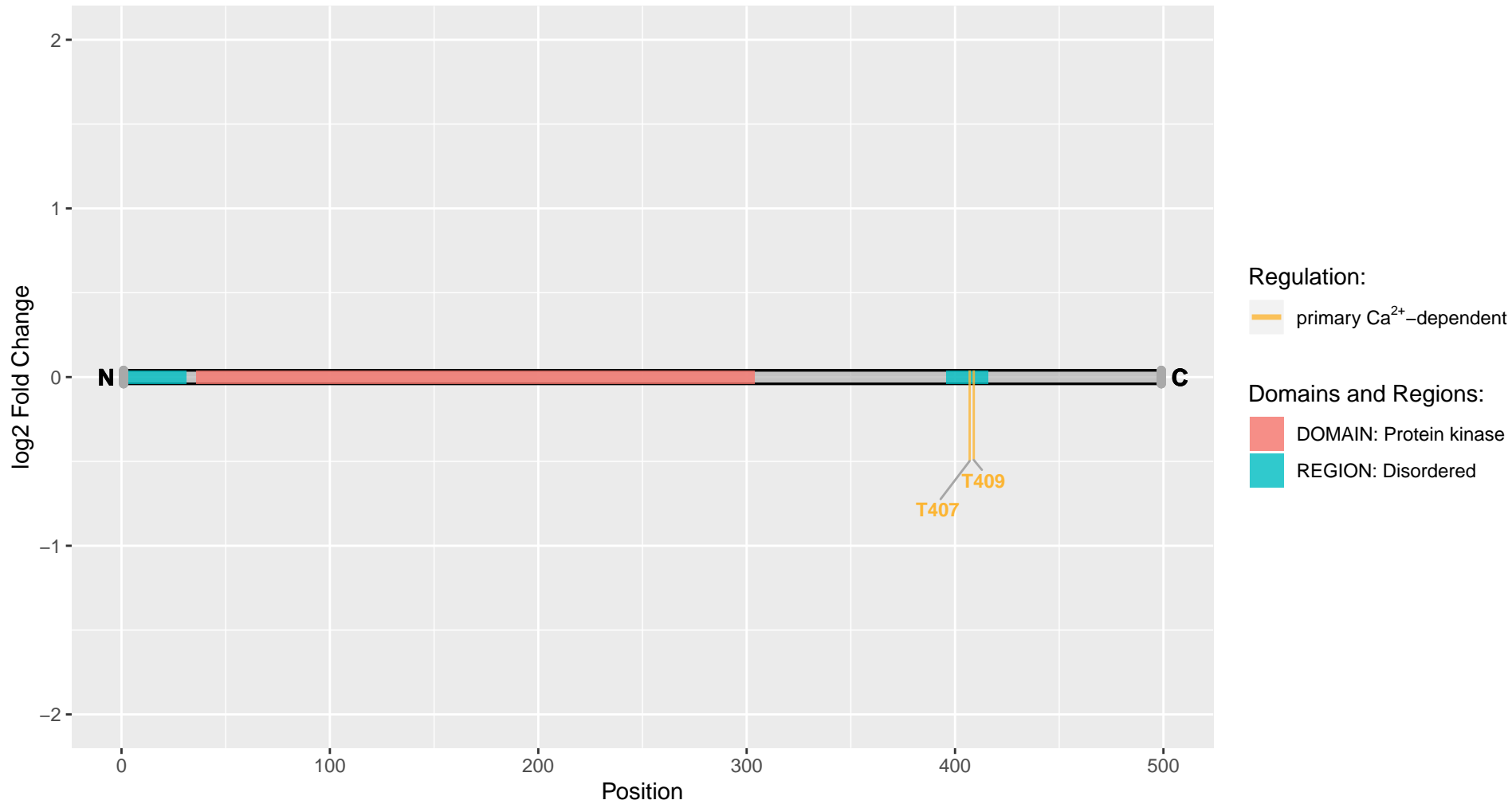
Neuronal pentraxin receptor



Nrbp2

Uniprot Accession: A0A0G2JT23

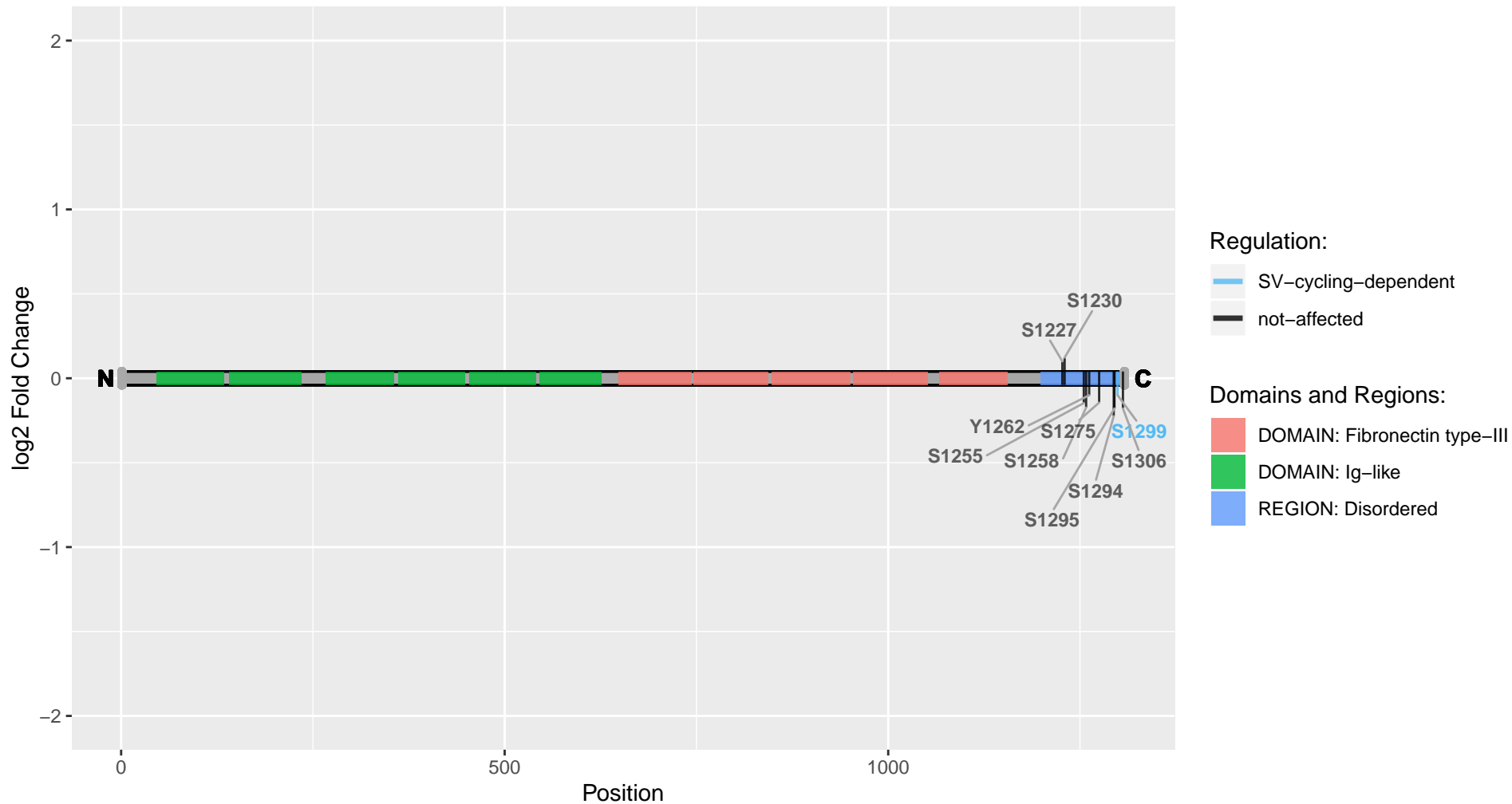
Nuclear receptor-binding protein 2



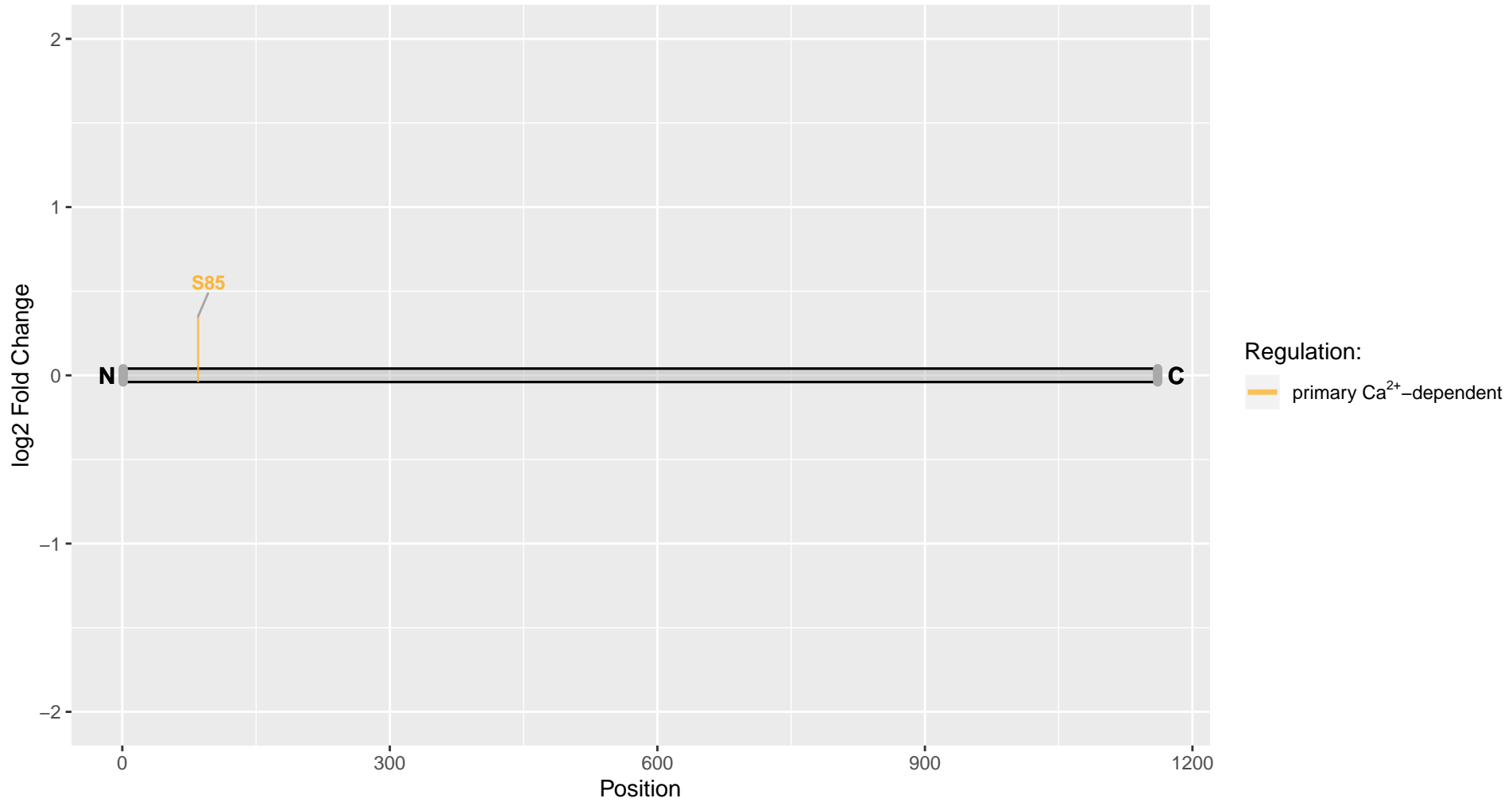
Nrcam

Uniprot Accession: A0A0G2K3Q5

Neuronal cell adhesion molecule



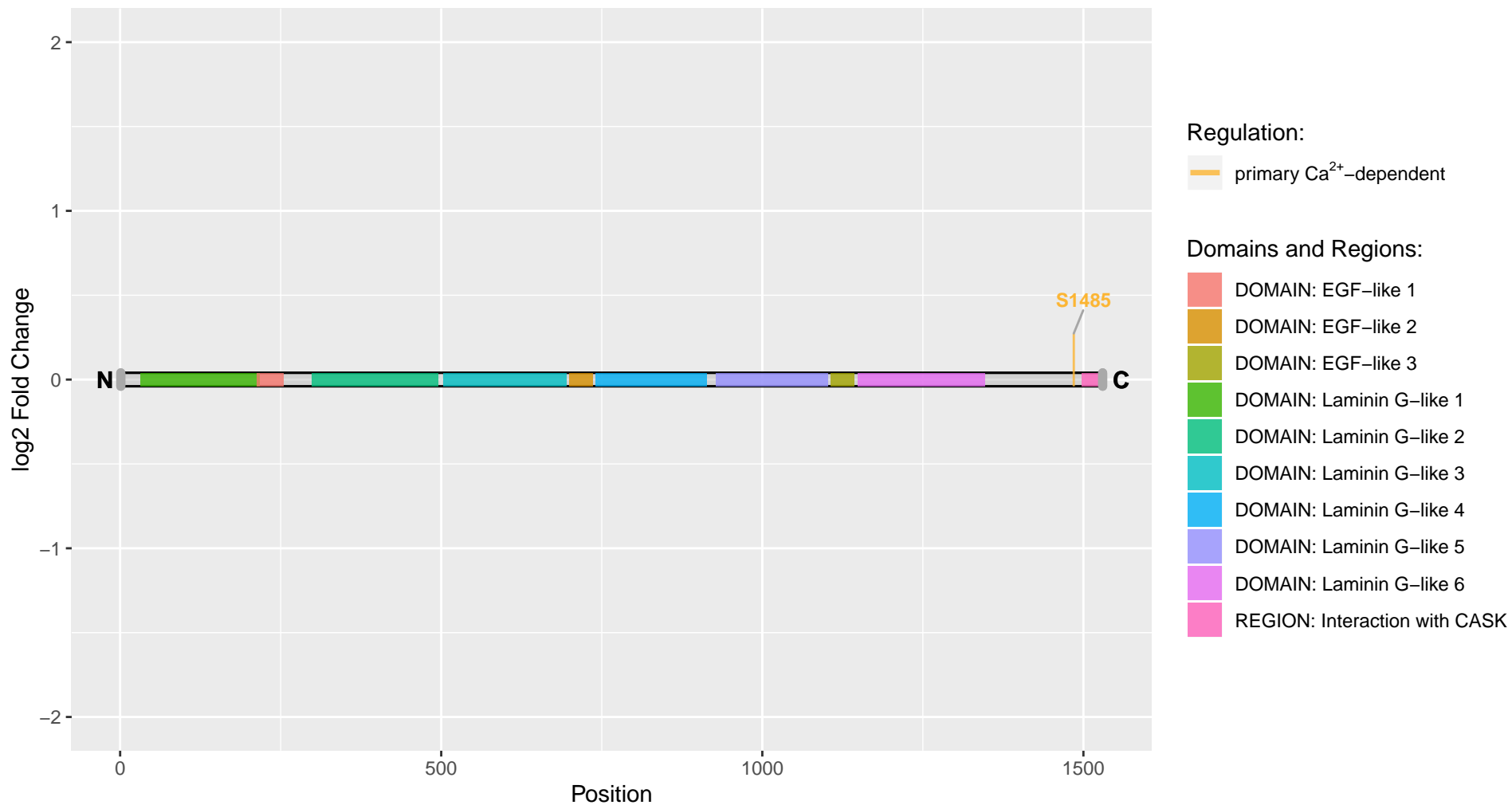
Nrdc
Uniprot Accession: P47245
Nardilysin



Nrxn1

Uniprot Accession: Q63372

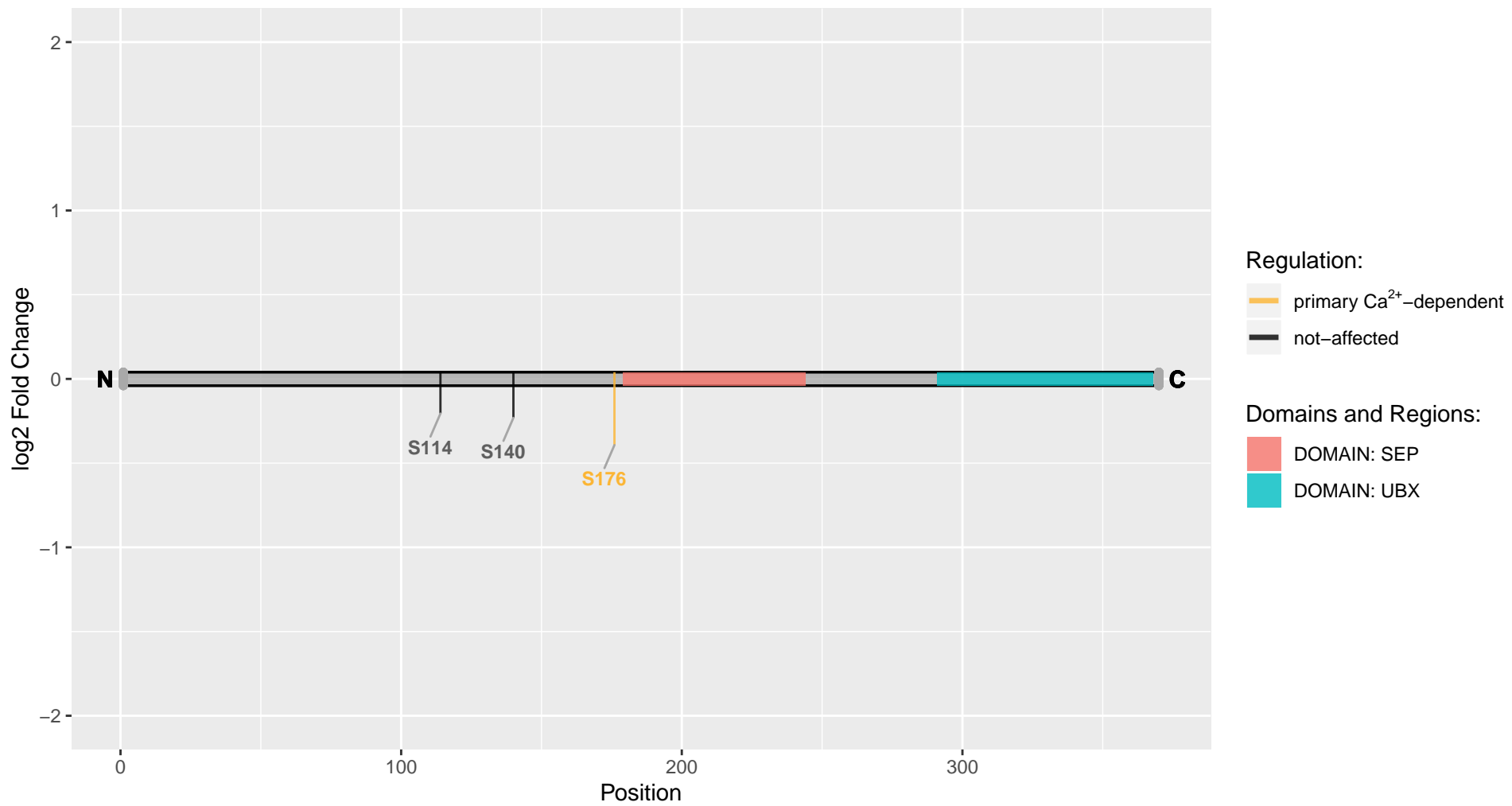
Neurexin-1



Nsf11c

Uniprot Accession: O35987

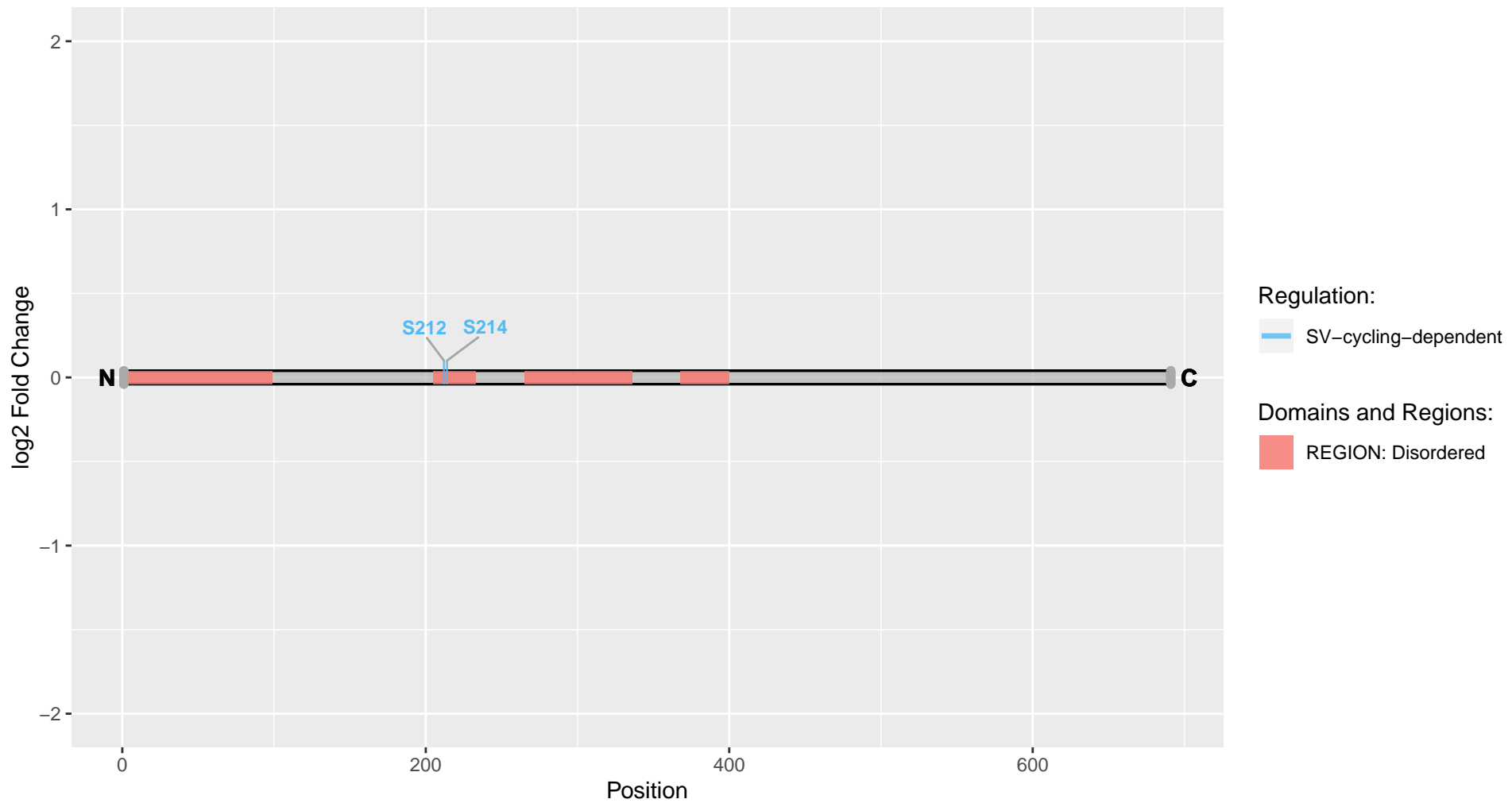
NSFL1 cofactor p47



Nufip2

Uniprot Accession: D3ZC82

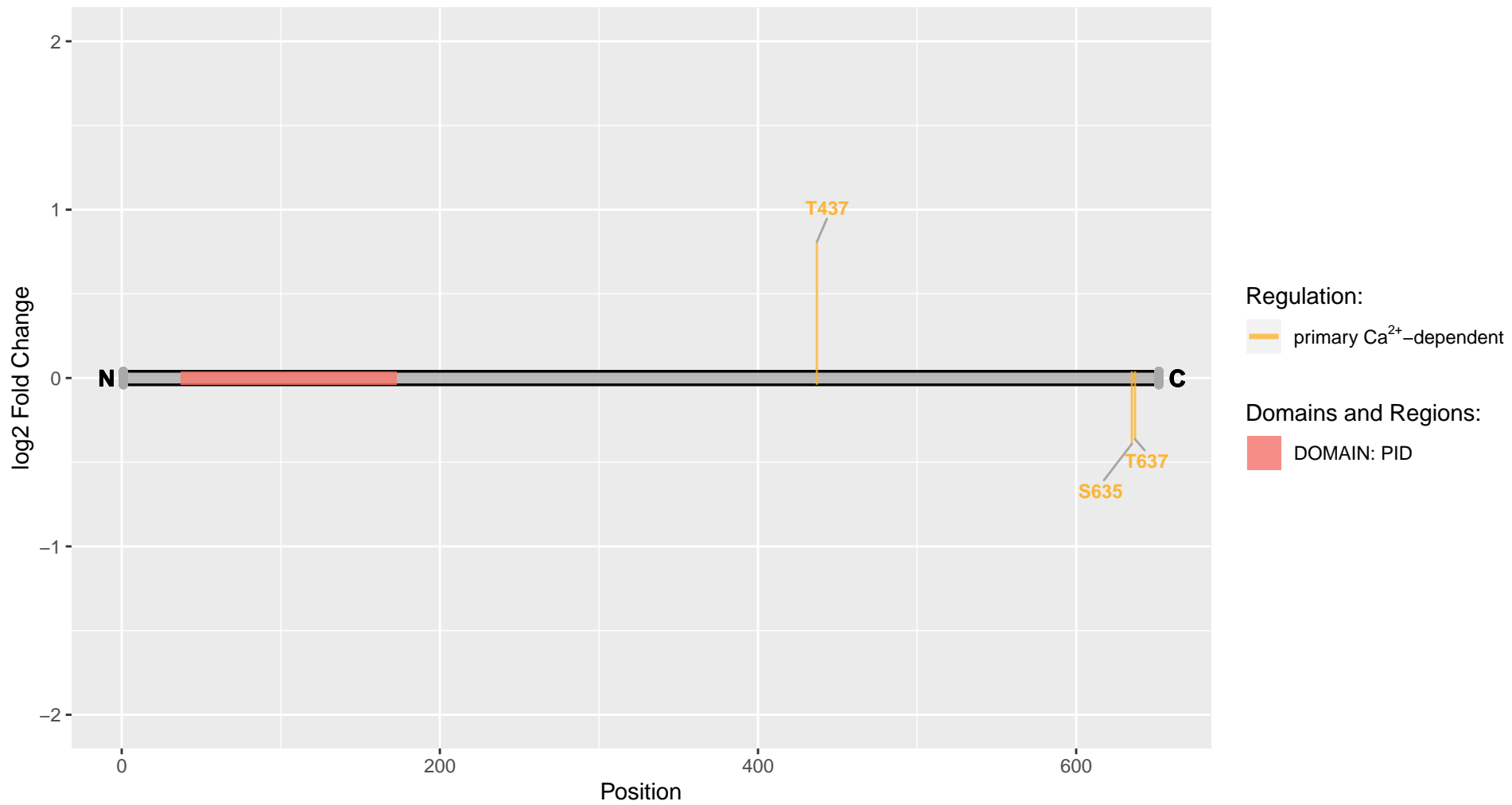
Nuclear FMR1-interacting protein 2



Numb

Uniprot Accession: Q2LC84

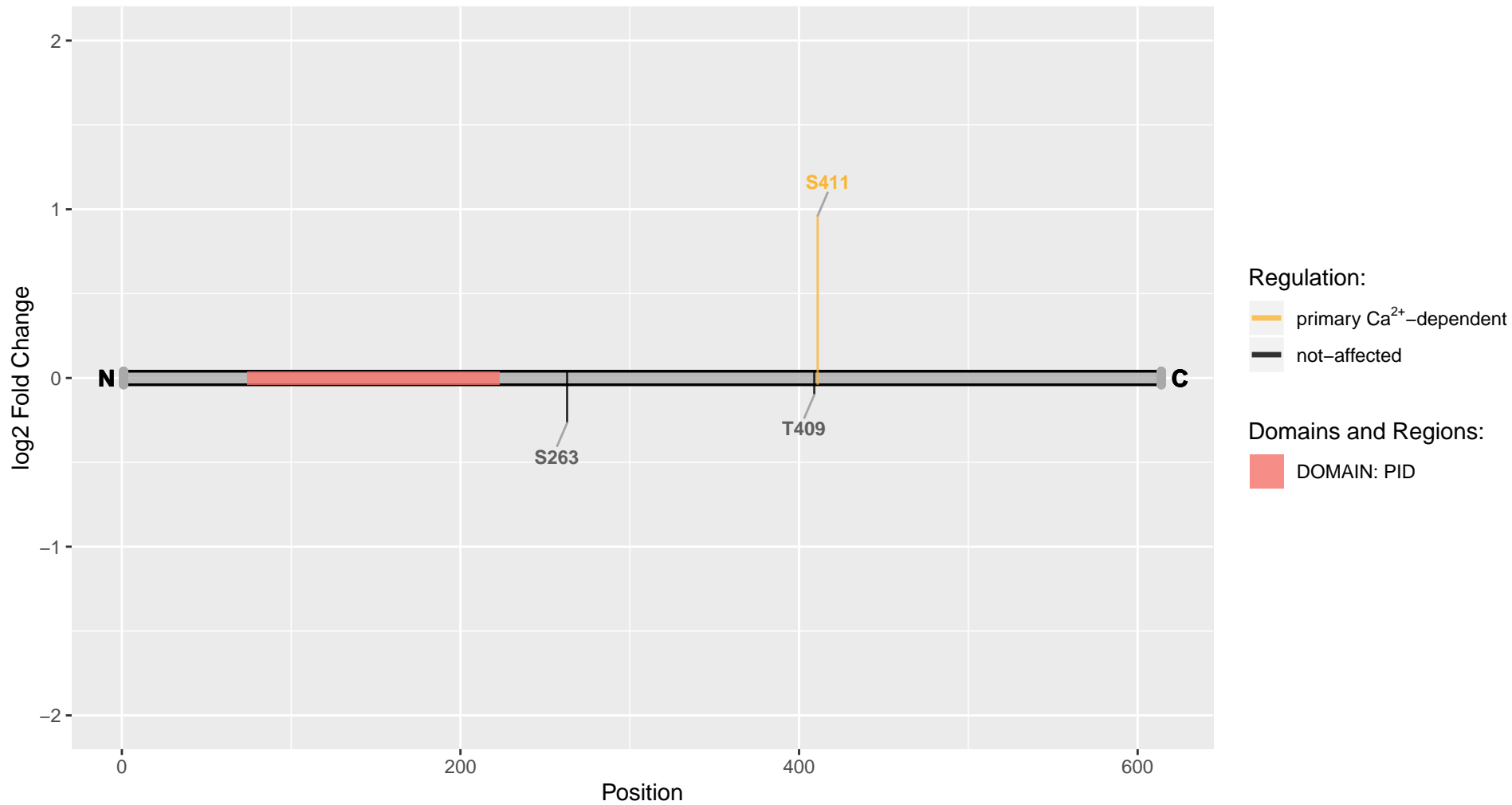
Protein numb homolog



Numbl

Uniprot Accession: A1L1I3

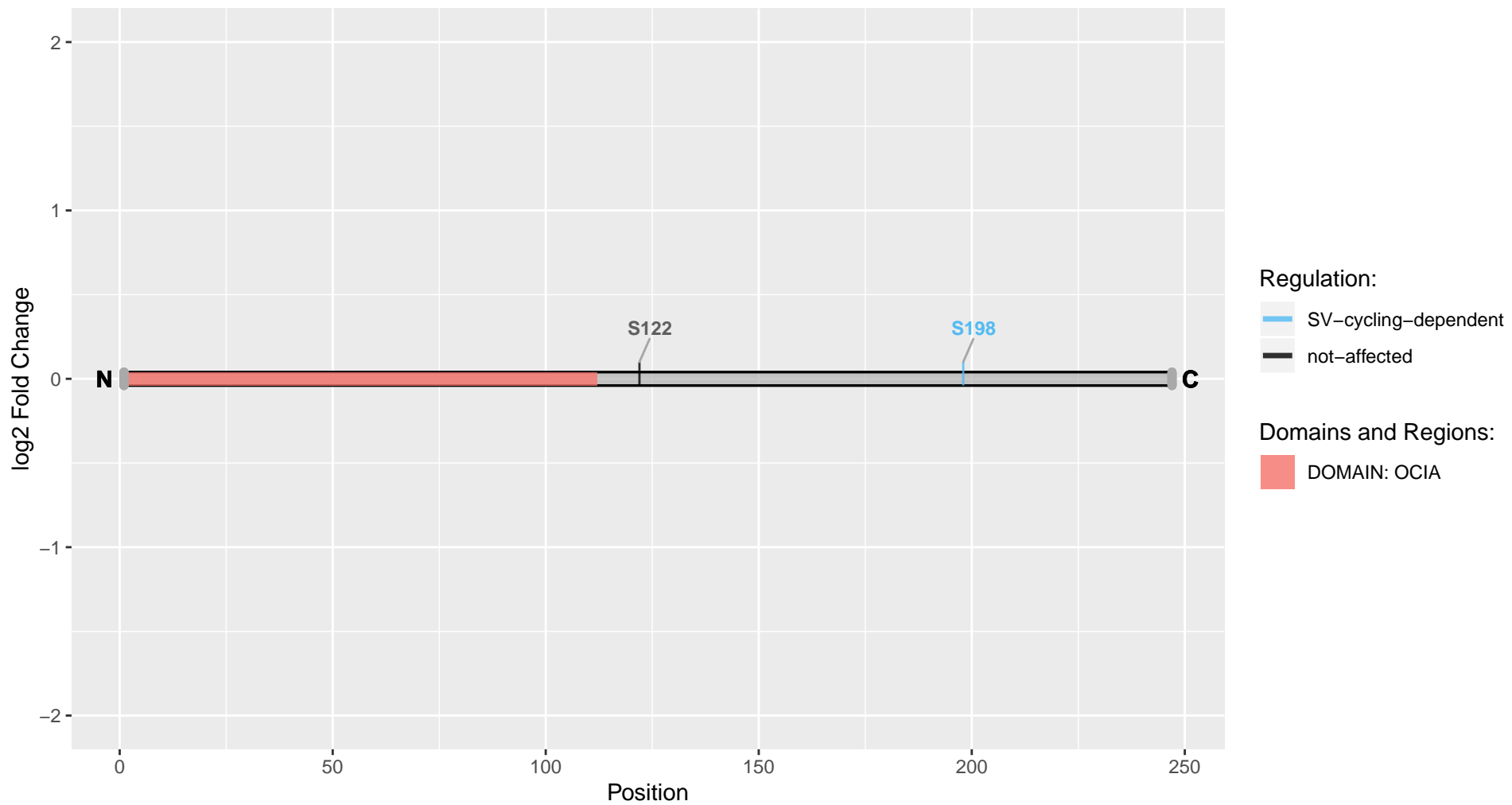
Numb-like protein



Ociad1

Uniprot Accession: Q5XIG4

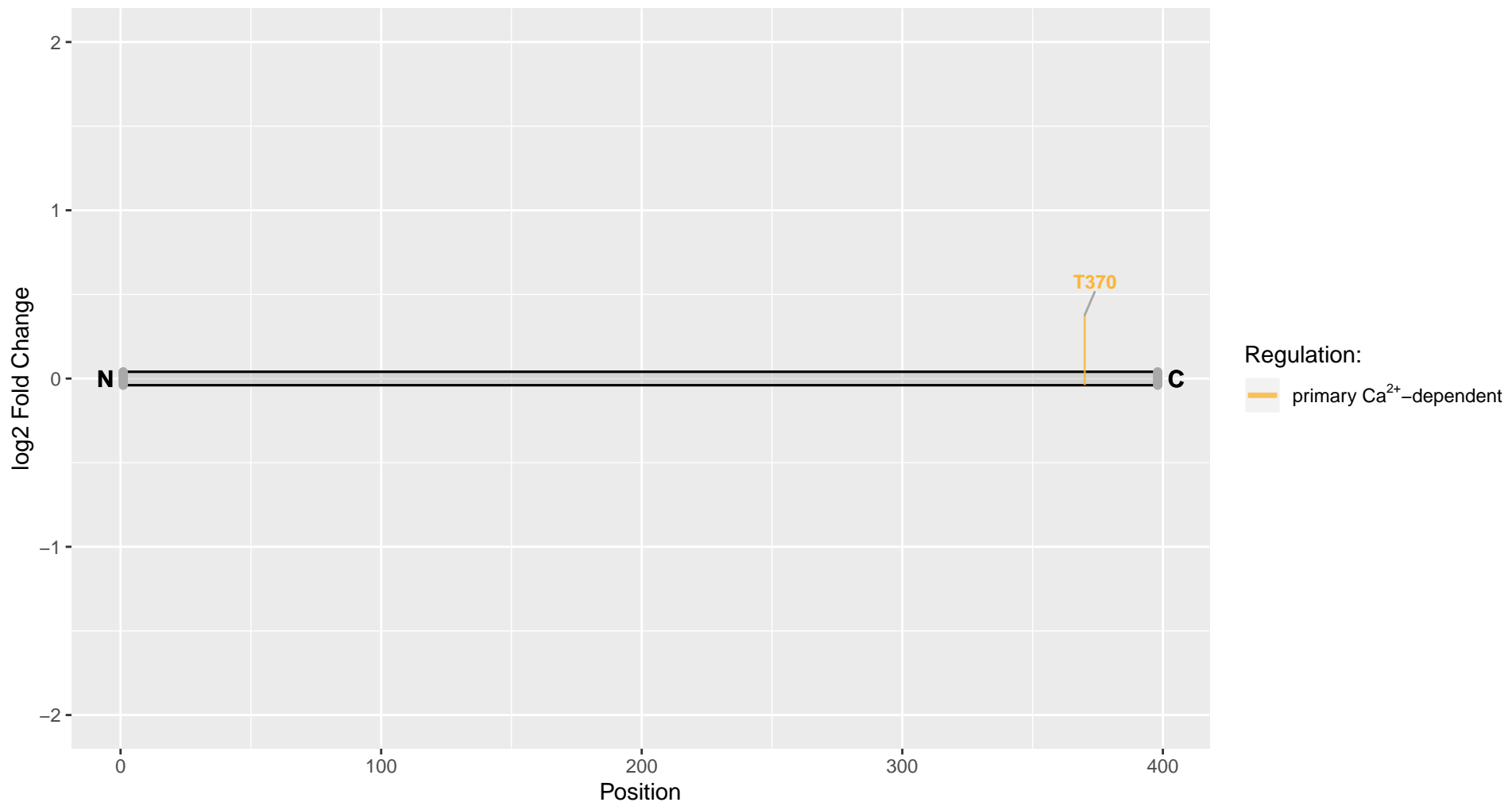
OCIA domain-containing protein 1



Oprm1

Uniprot Accession: P33535

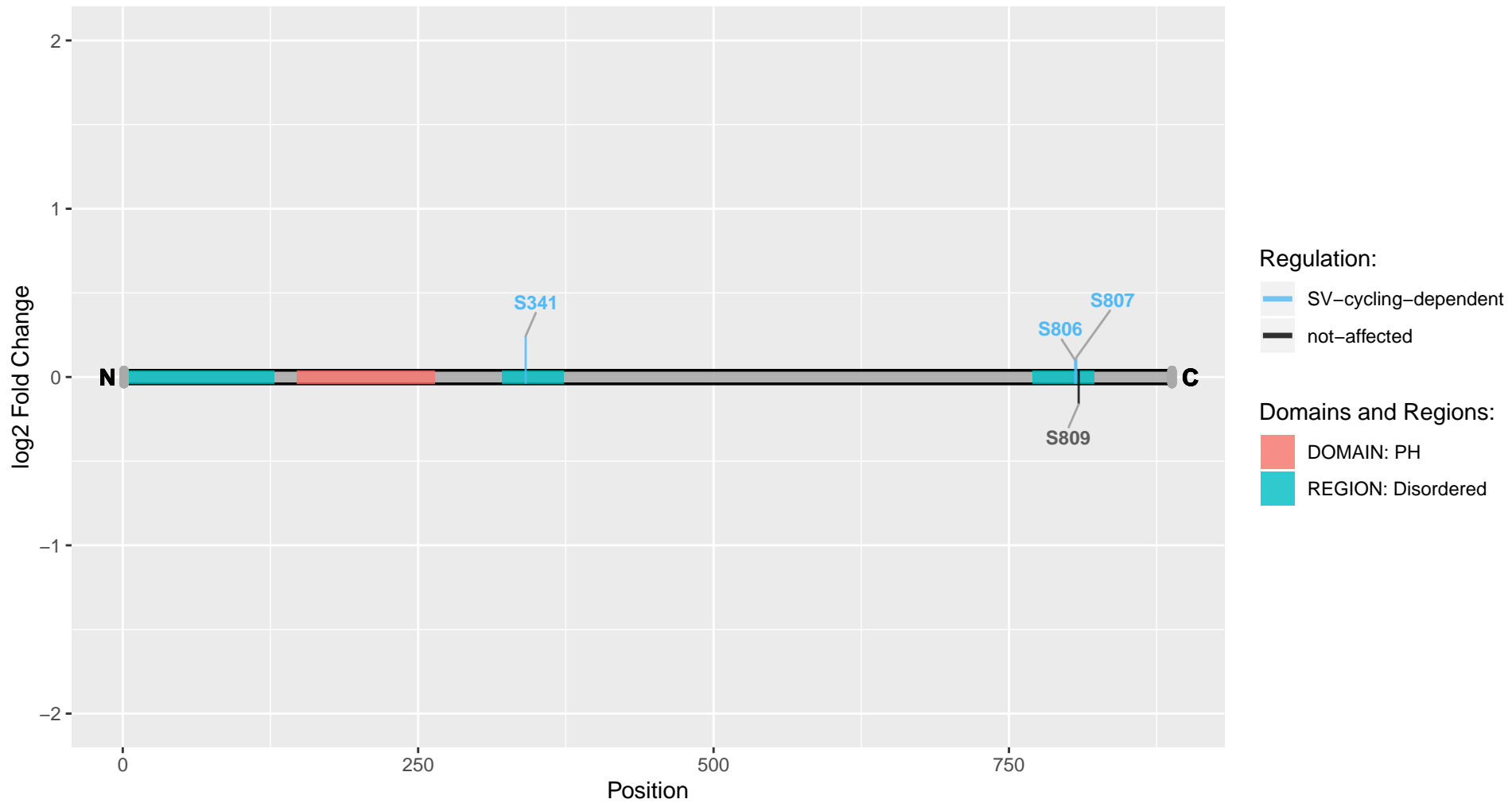
Mu-type opioid receptor



Osbp18

Uniprot Accession: A0A0G2JXN8

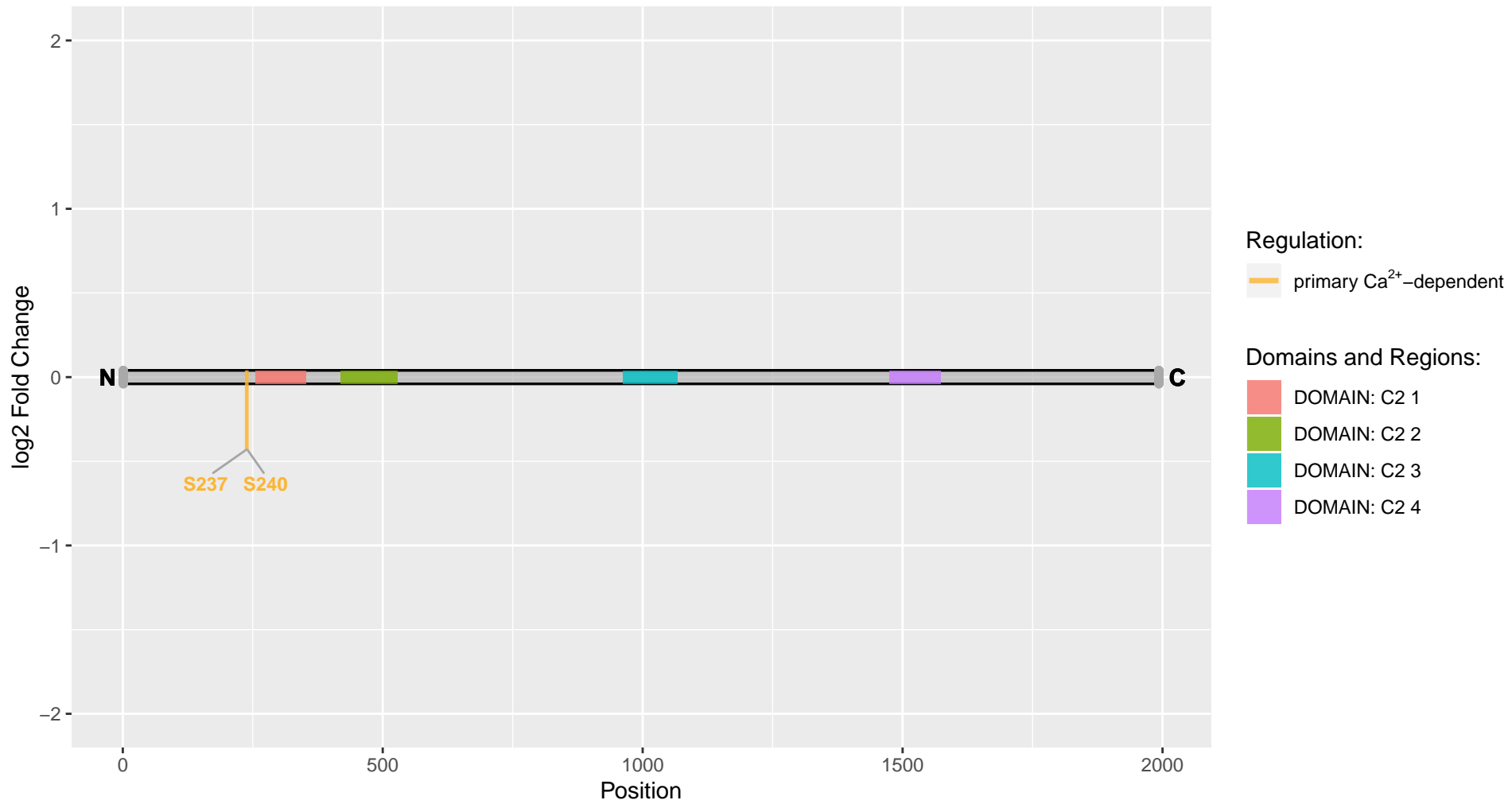
Oxysterol-binding protein



Otof

Uniprot Accession: Q9ERC5

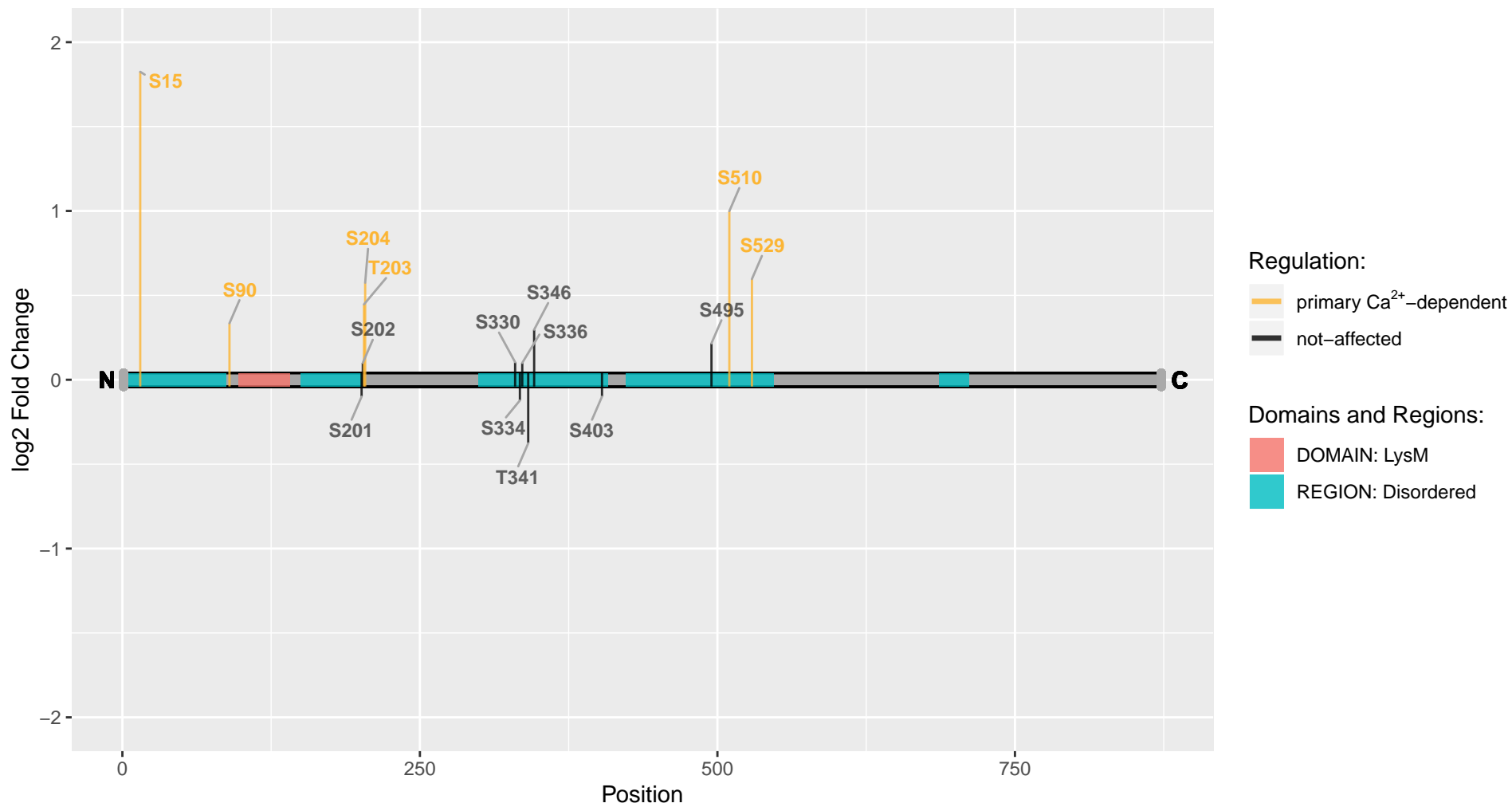
Otoferlin



Oxr1

Uniprot Accession: A0A0G2K7Y2

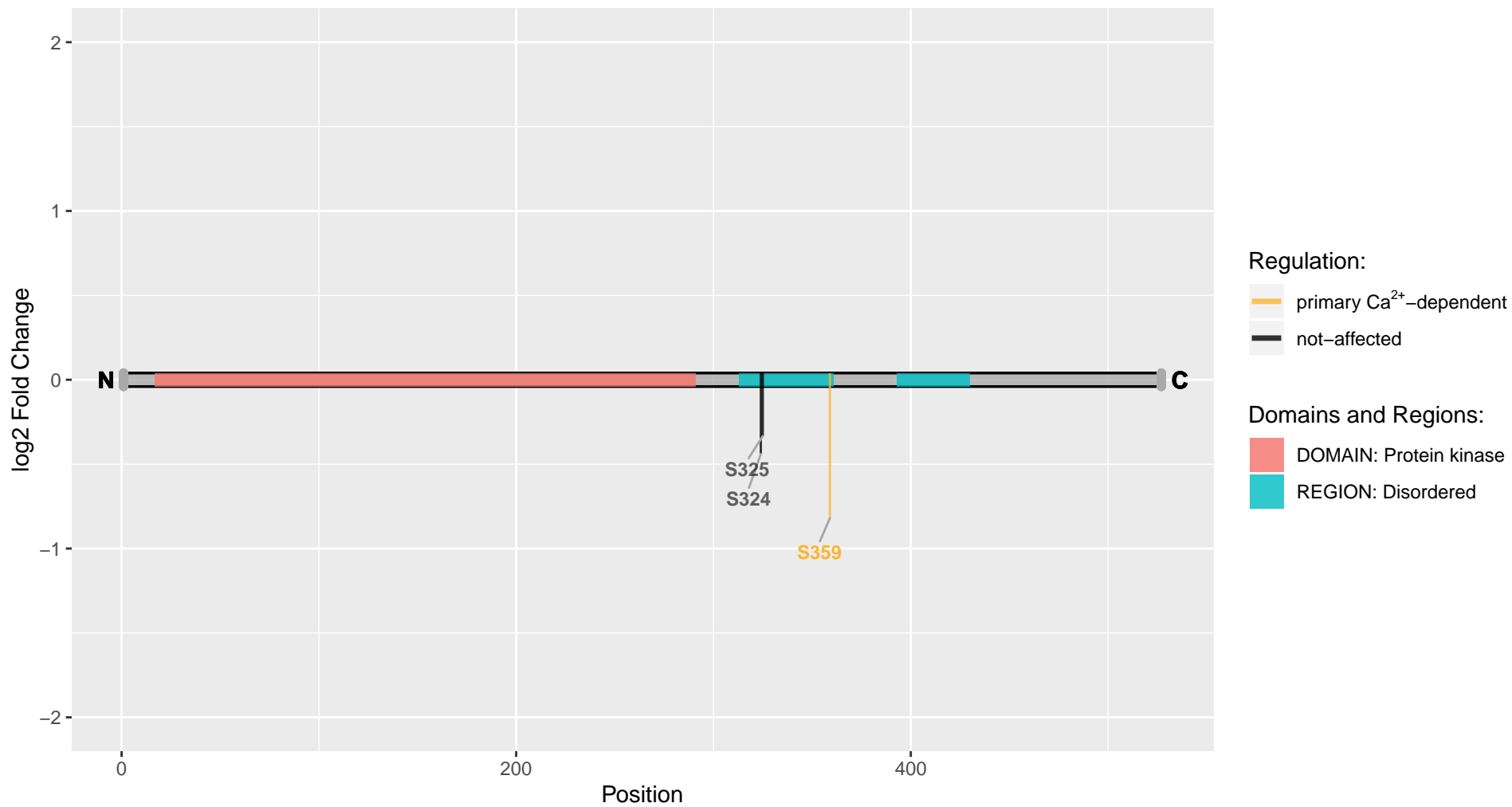
Oxidation resistance protein 1



Oxsr1

Uniprot Accession: D3ZUC9

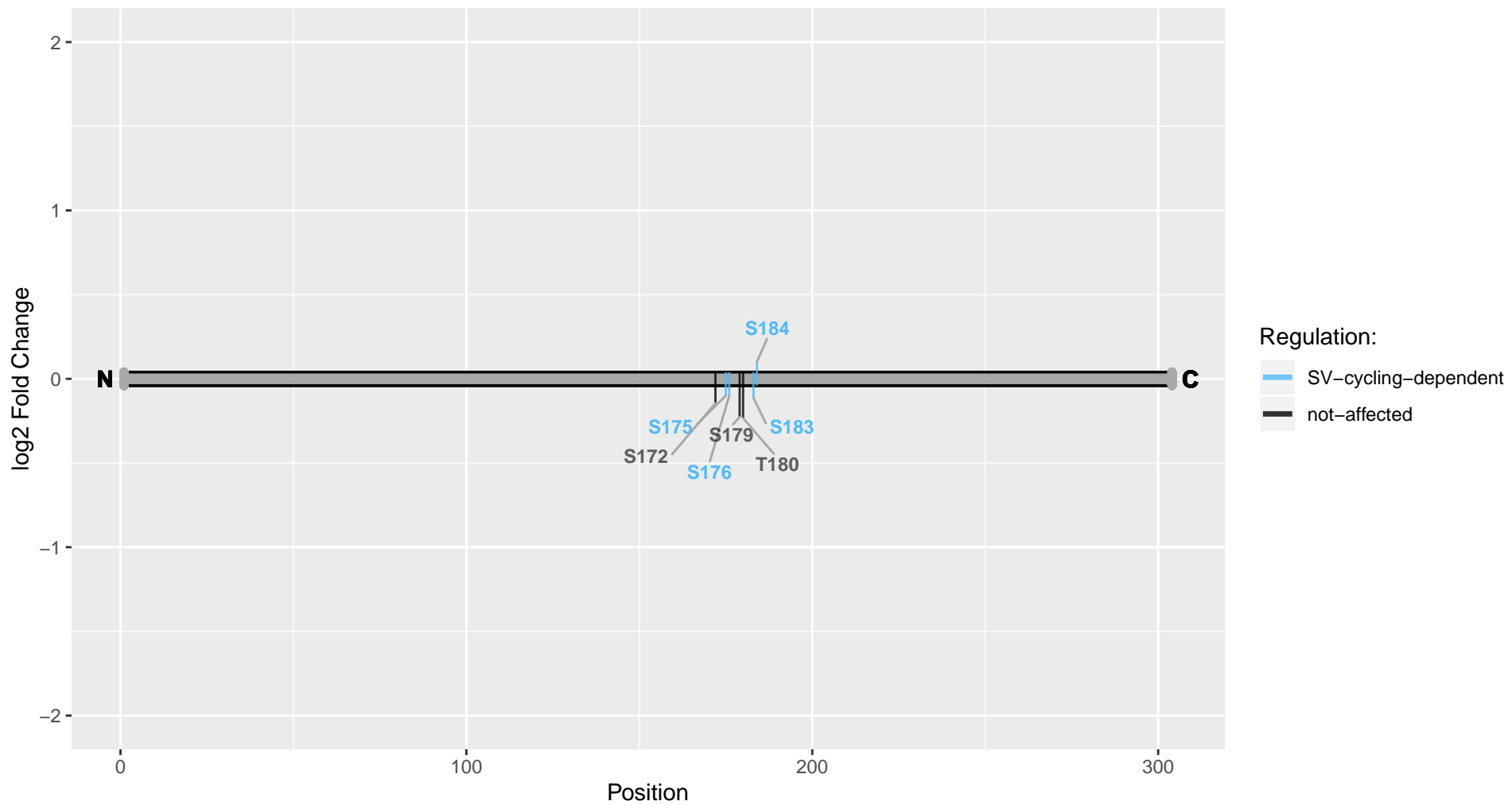
Oxidative stress-responsive kinase 1



P33monox

Uniprot Accession: Q5U2R6

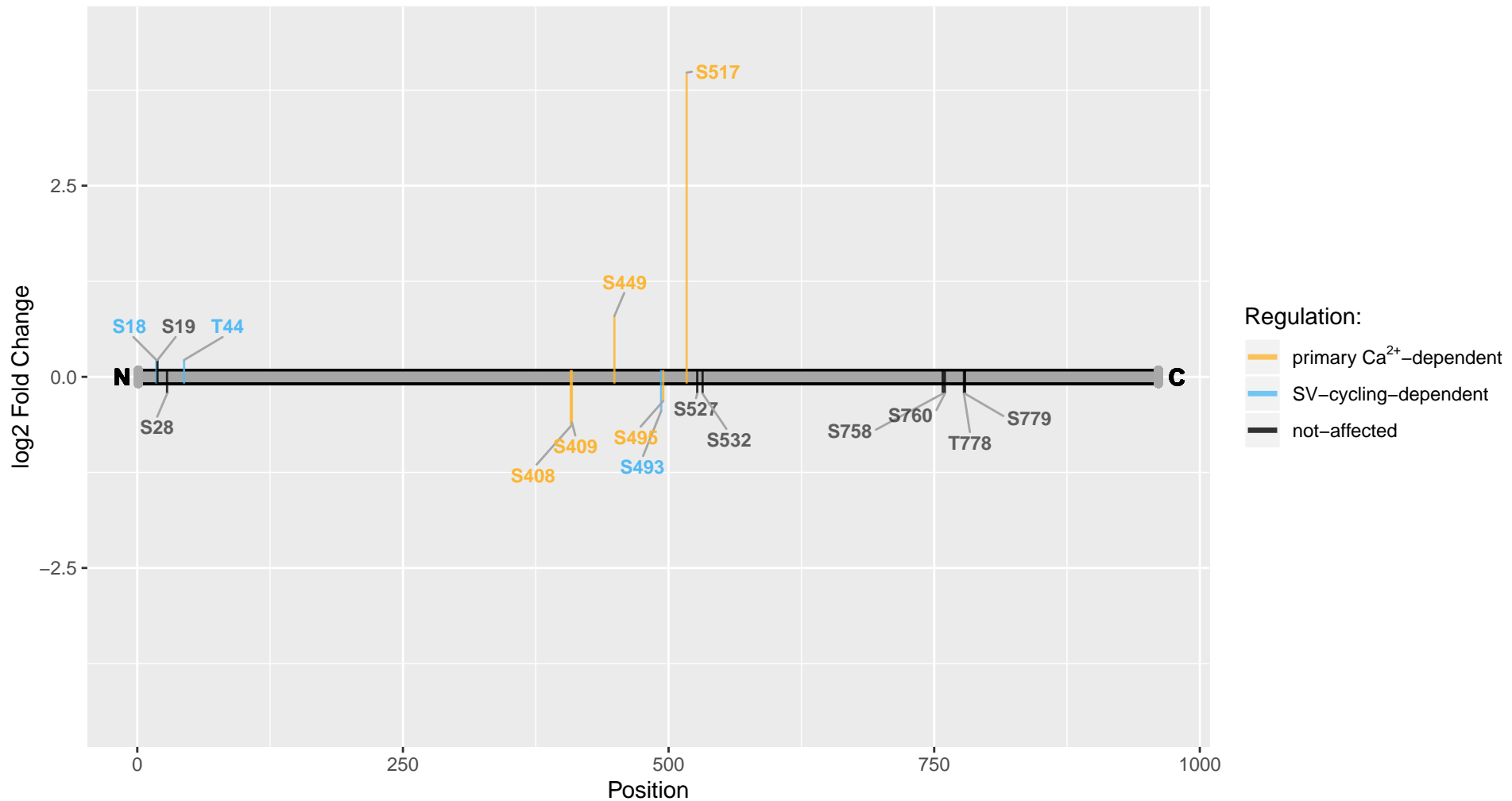
Putative monooxygenase p33MONOX



Pacs1

Uniprot Accession: O88588

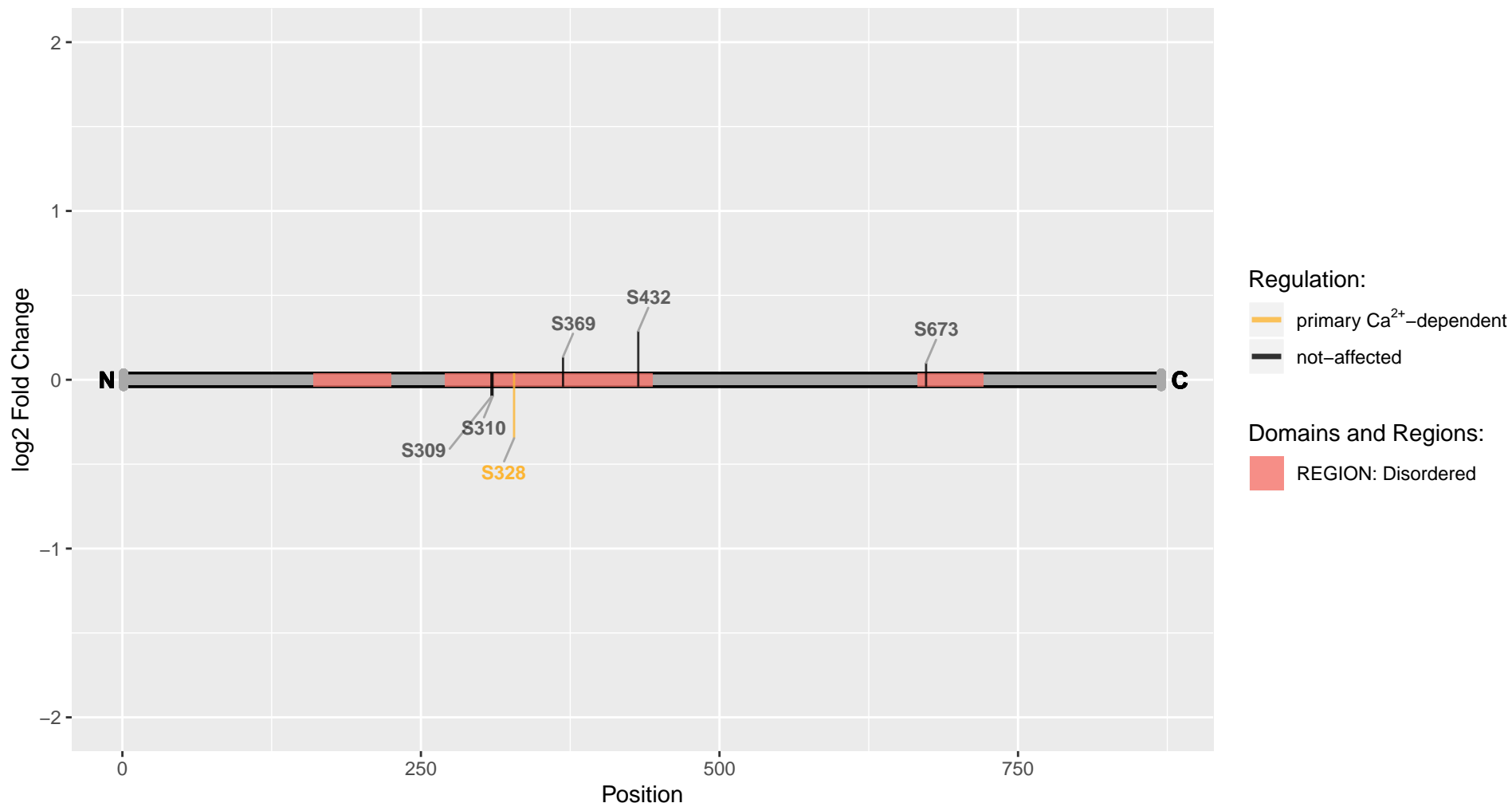
Phosphofurin acidic cluster sorting protein 1



Pacs2

Uniprot Accession: D3ZJG4

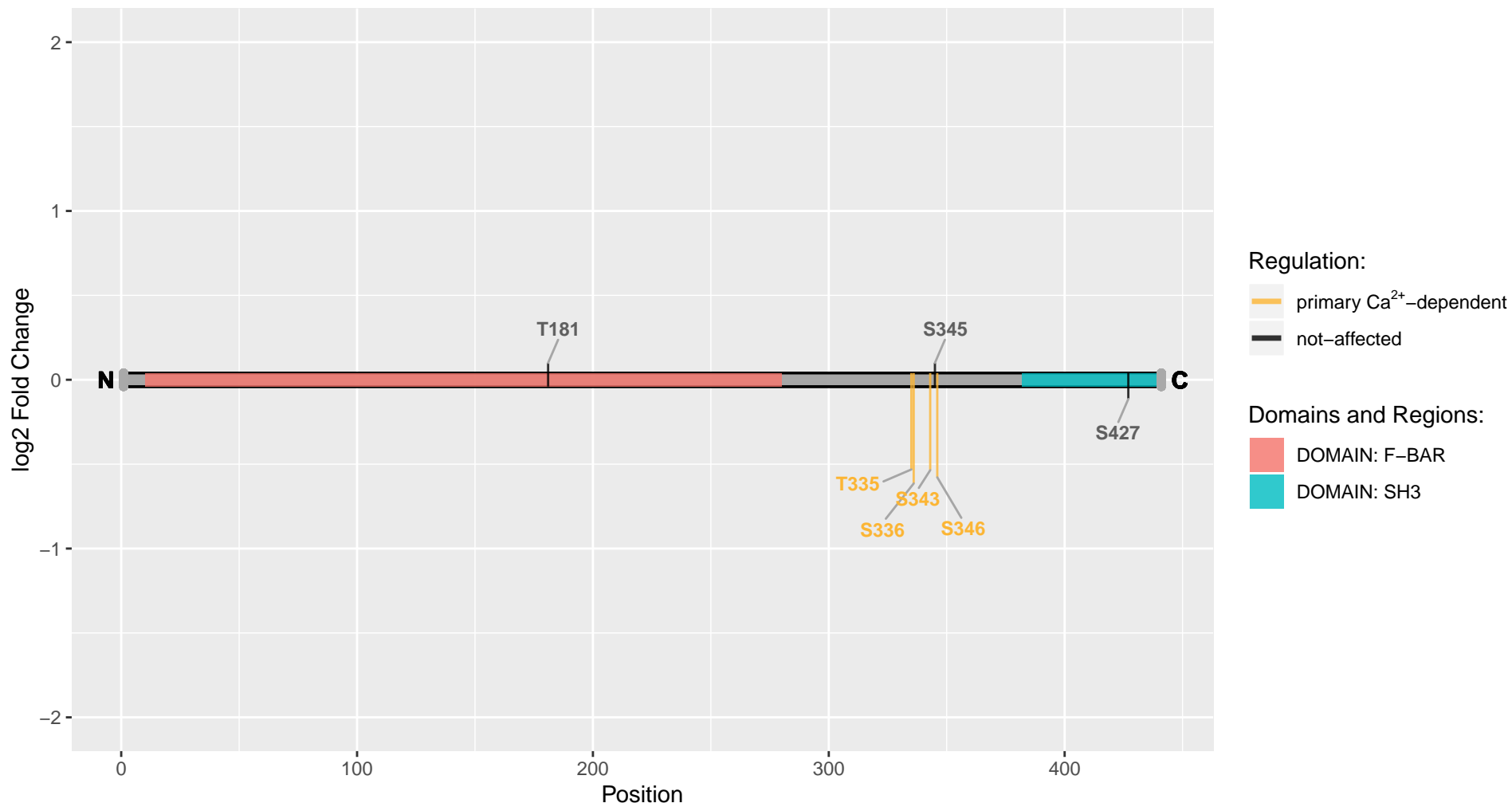
Phosphofurin acidic cluster sorting protein 2



Pacsin1

Uniprot Accession: Q9Z0W5

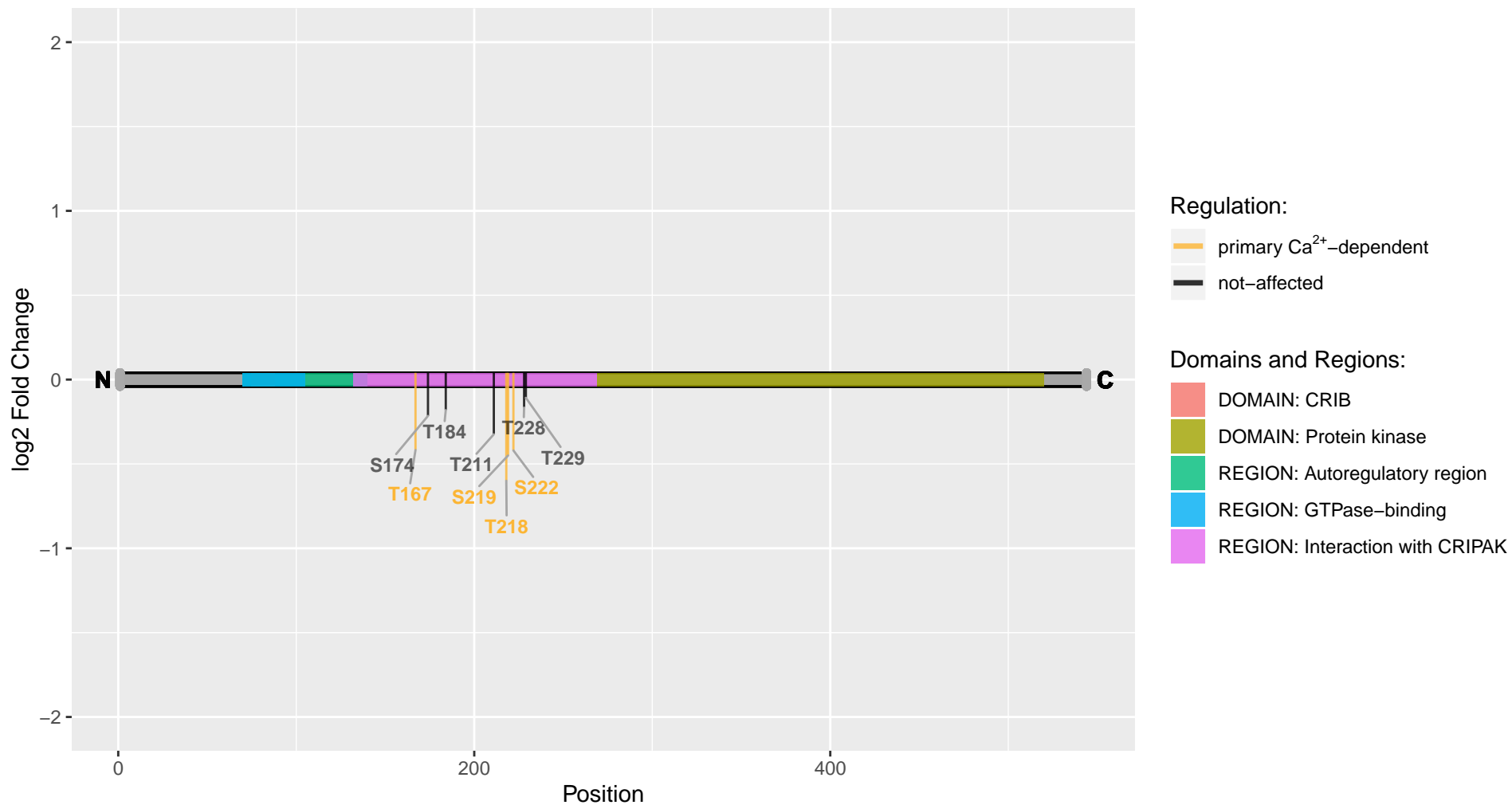
Protein kinase C and casein kinase substrate in neurons protein 1



Pak1

Uniprot Accession: P35465

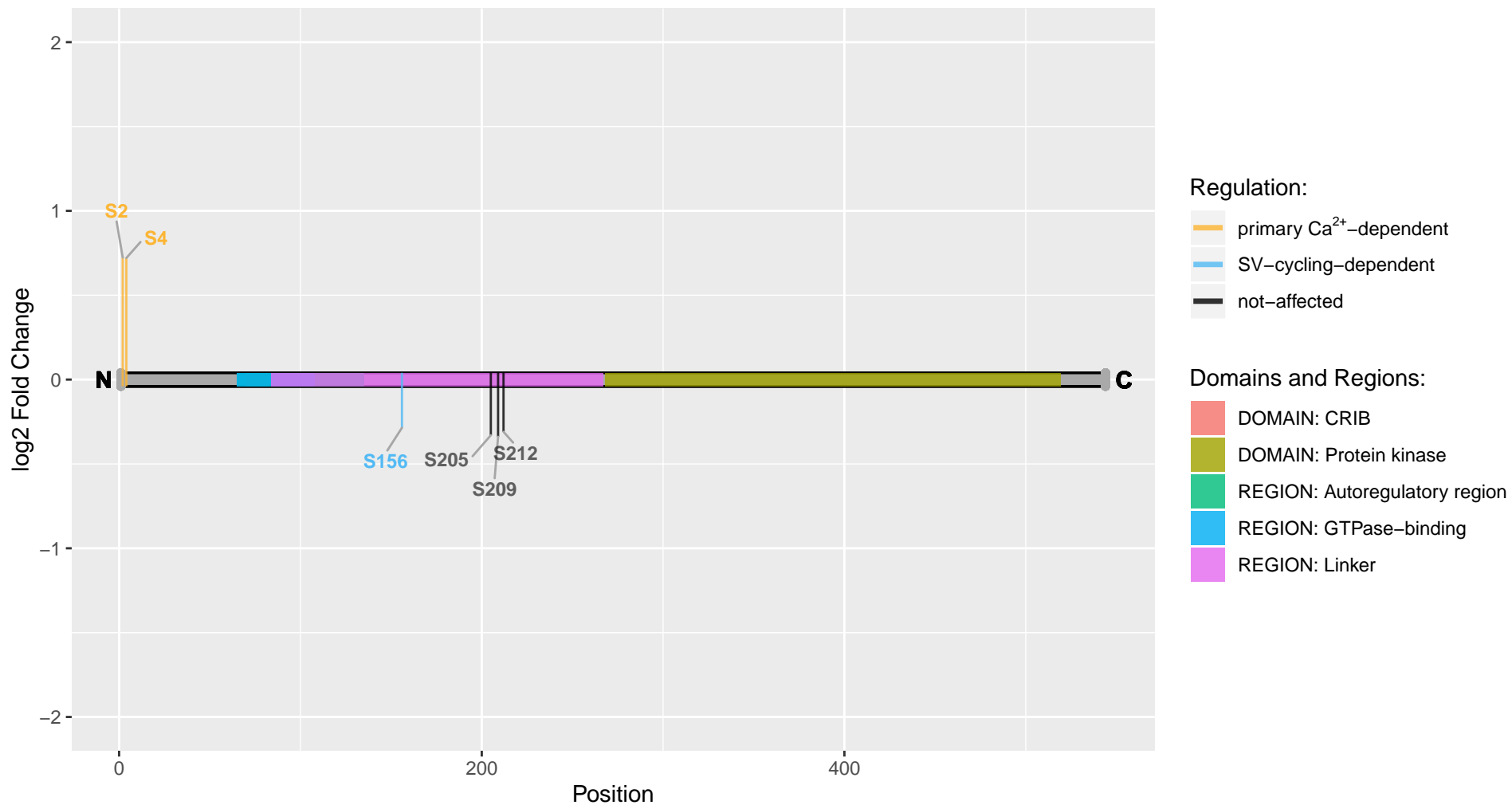
Serine/threonine-protein kinase PAK 1



Pak3

Uniprot Accession: Q62829

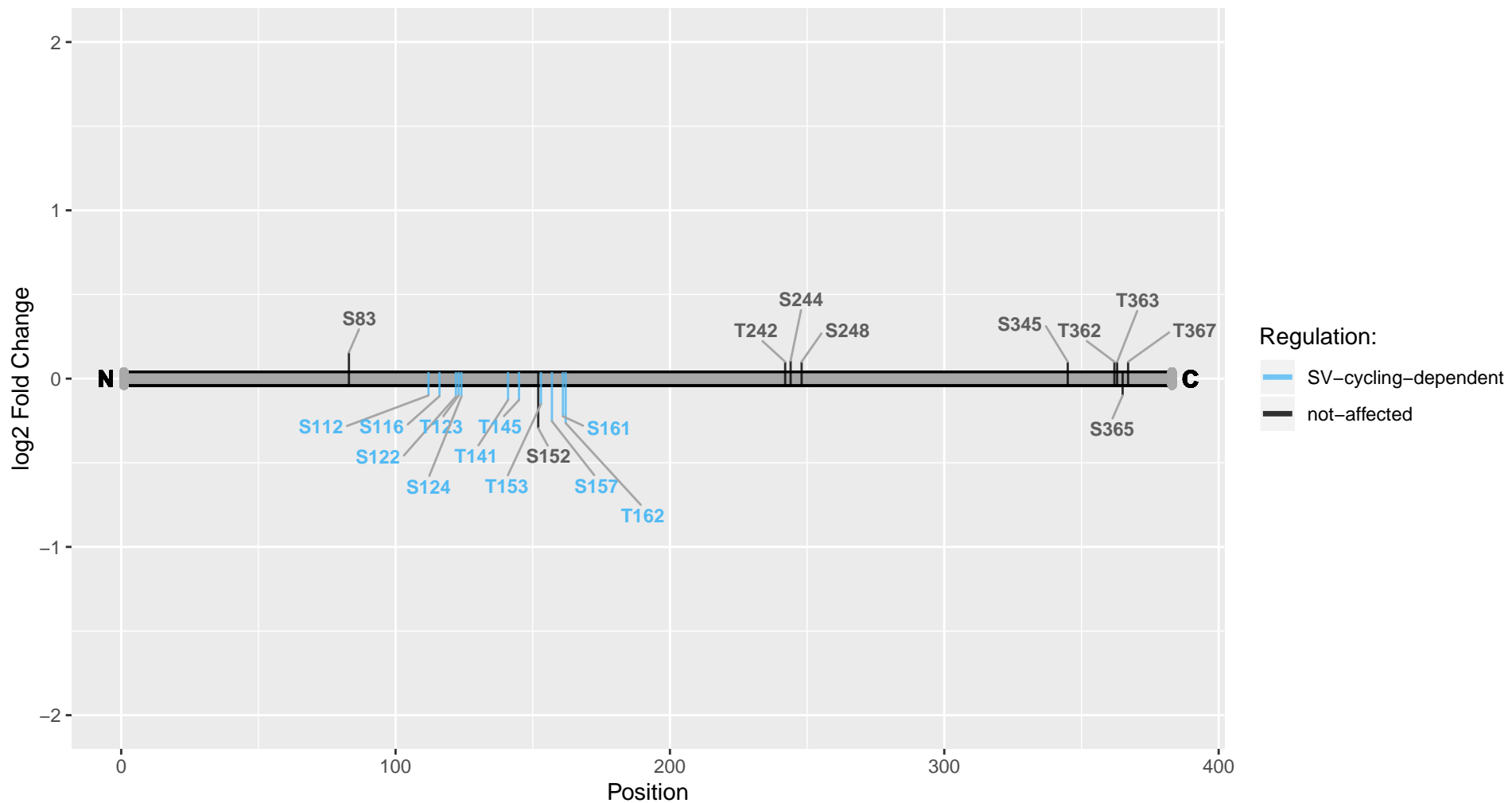
Serine/threonine-protein kinase PAK 3



Palm

Uniprot Accession: Q920Q0

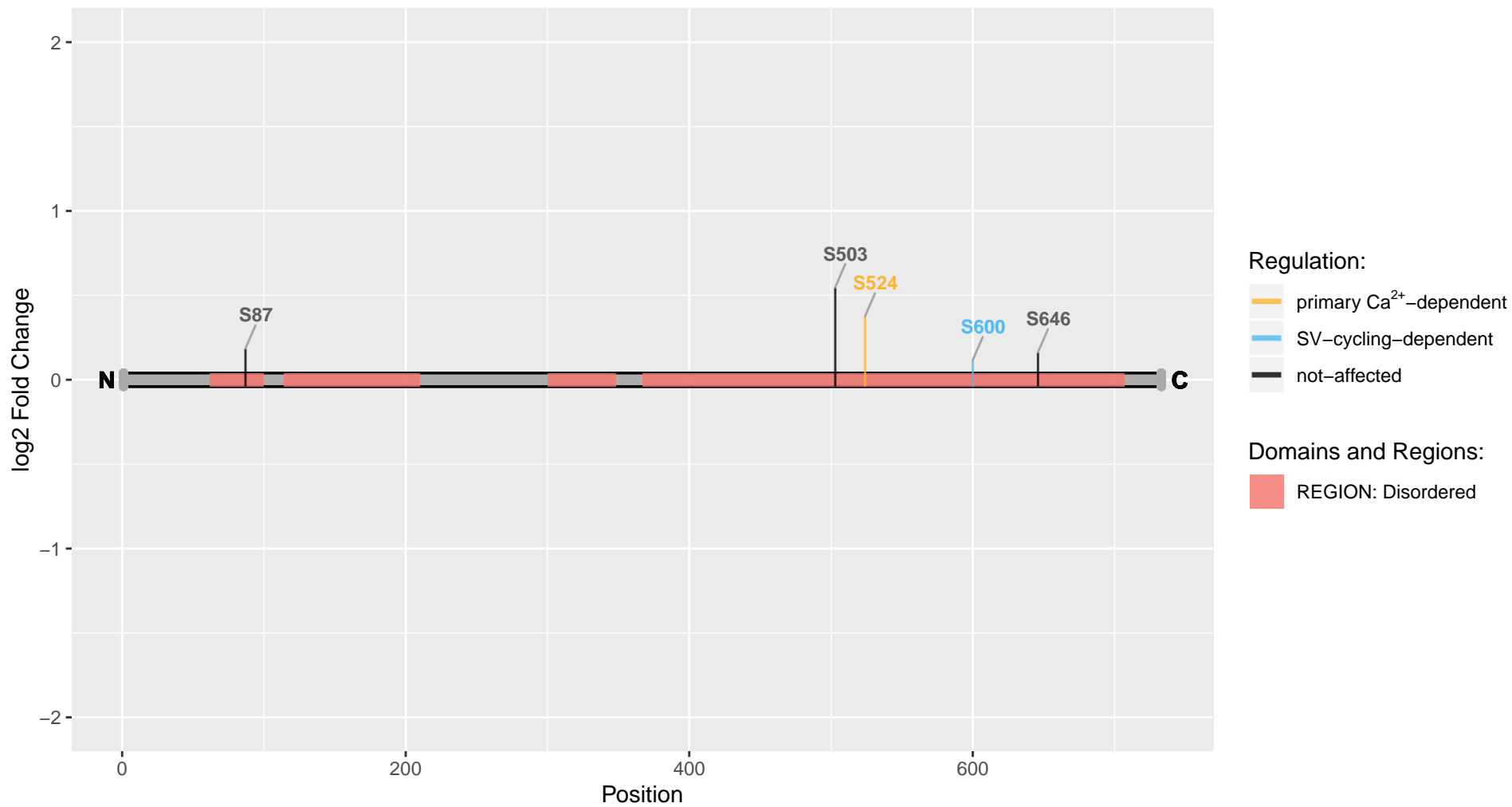
Paralemmin-1



Palm3

Uniprot Accession: D4A1J3

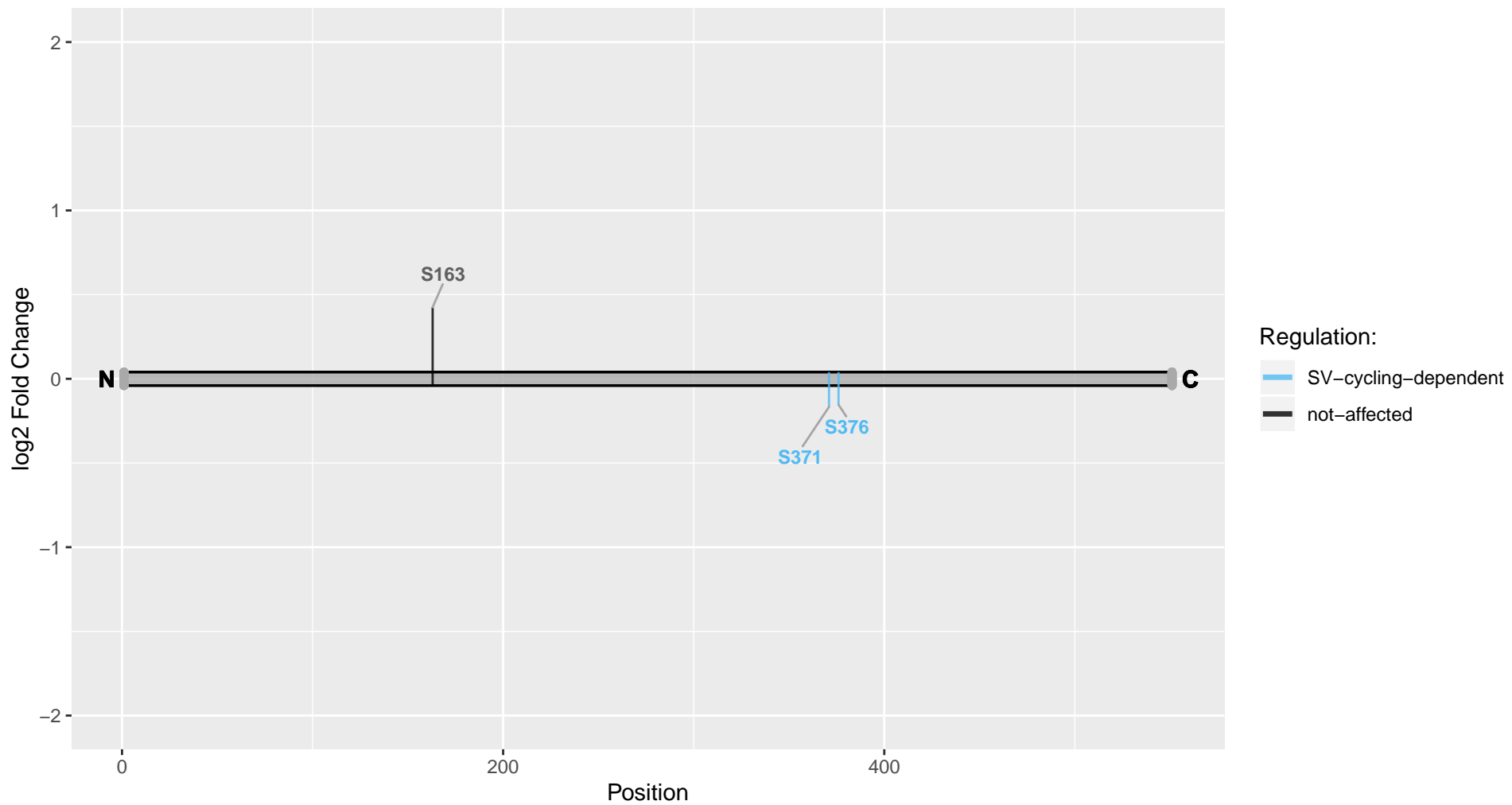
Paralemmin 3



Palmd

Uniprot Accession: Q4KM62

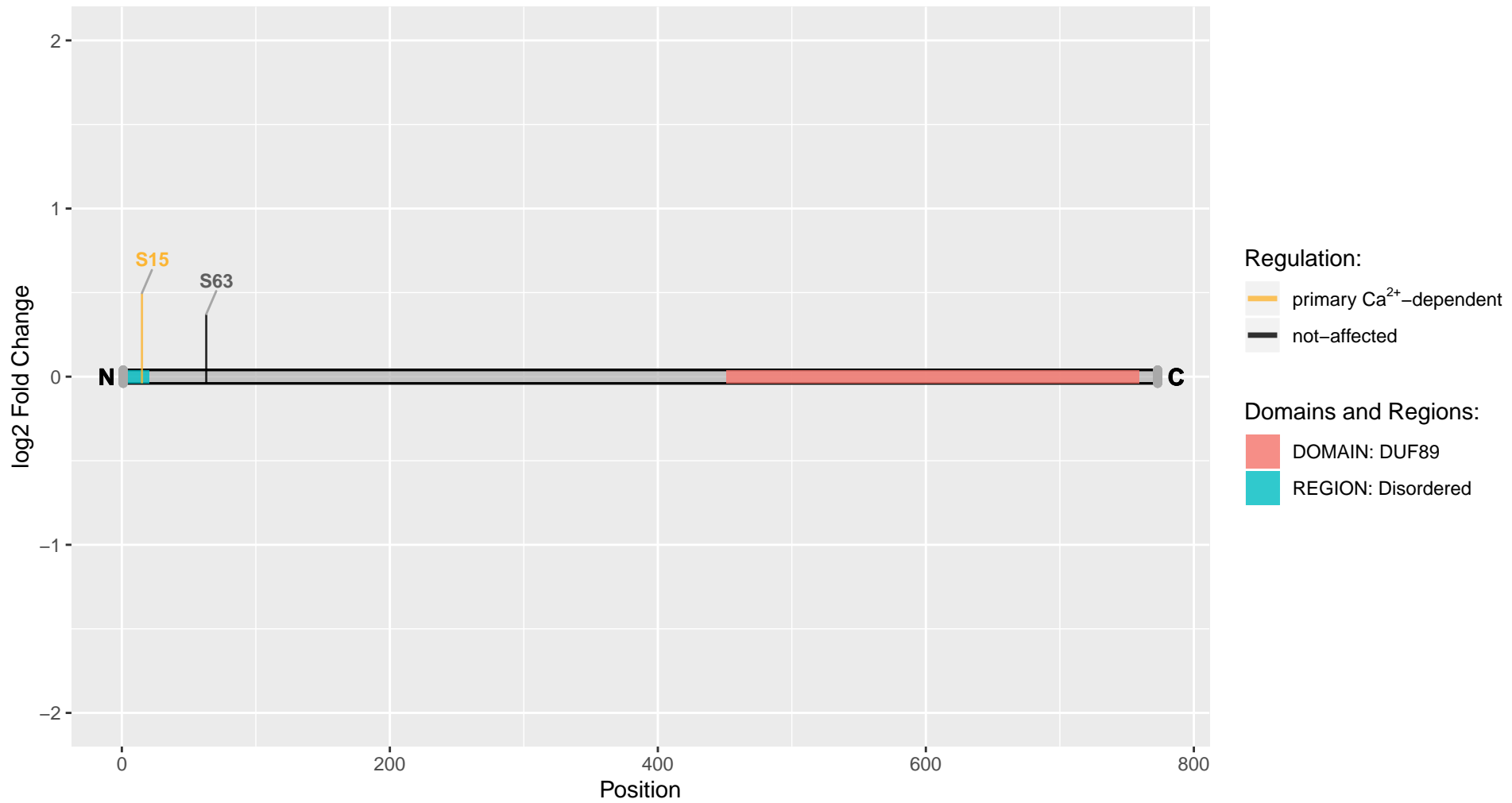
Palmdelphin



Pank4

Uniprot Accession: G3V7T3

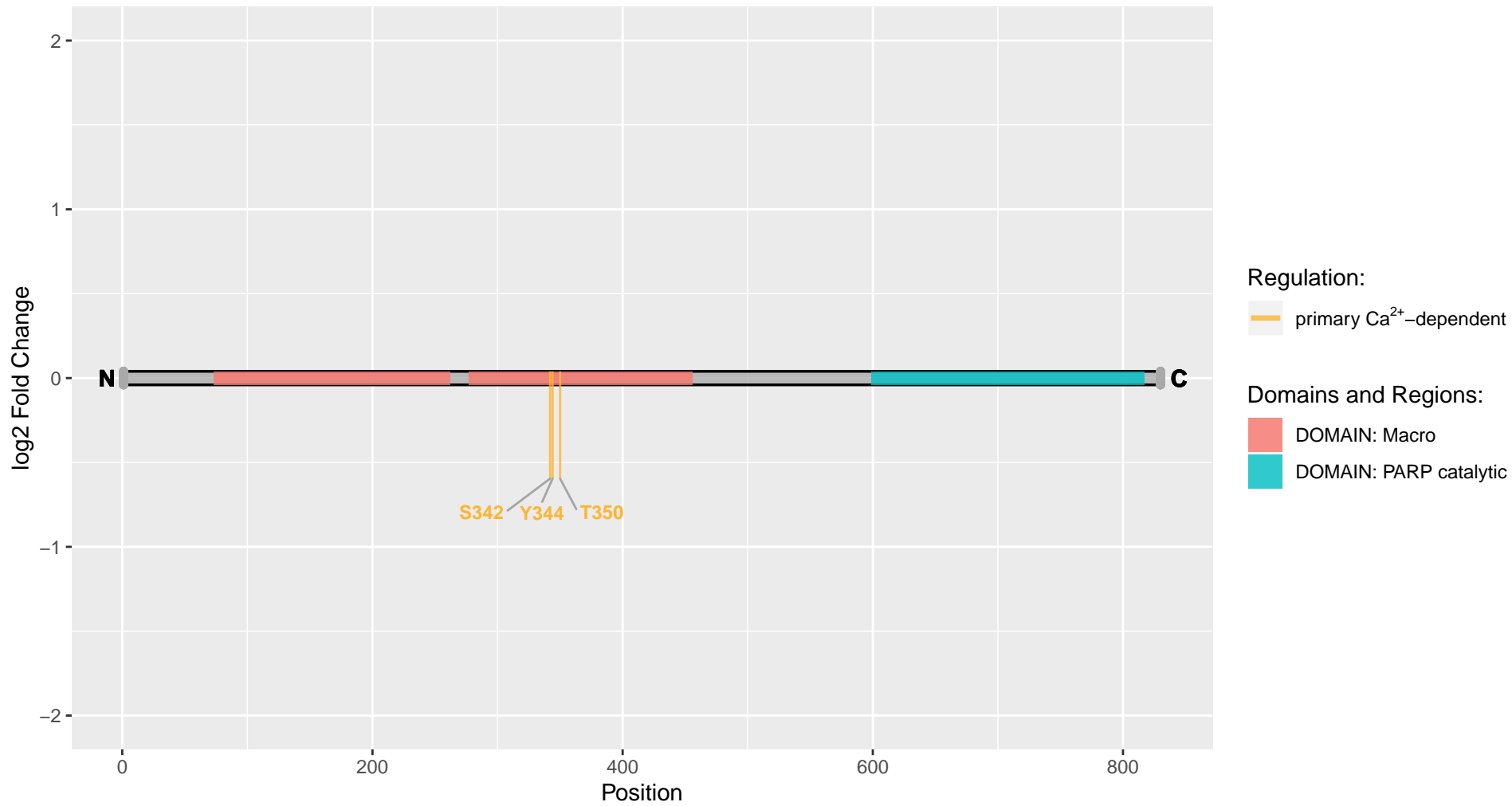
Pantothenate kinase 4



Parp9

Uniprot Accession: A1A5Q1

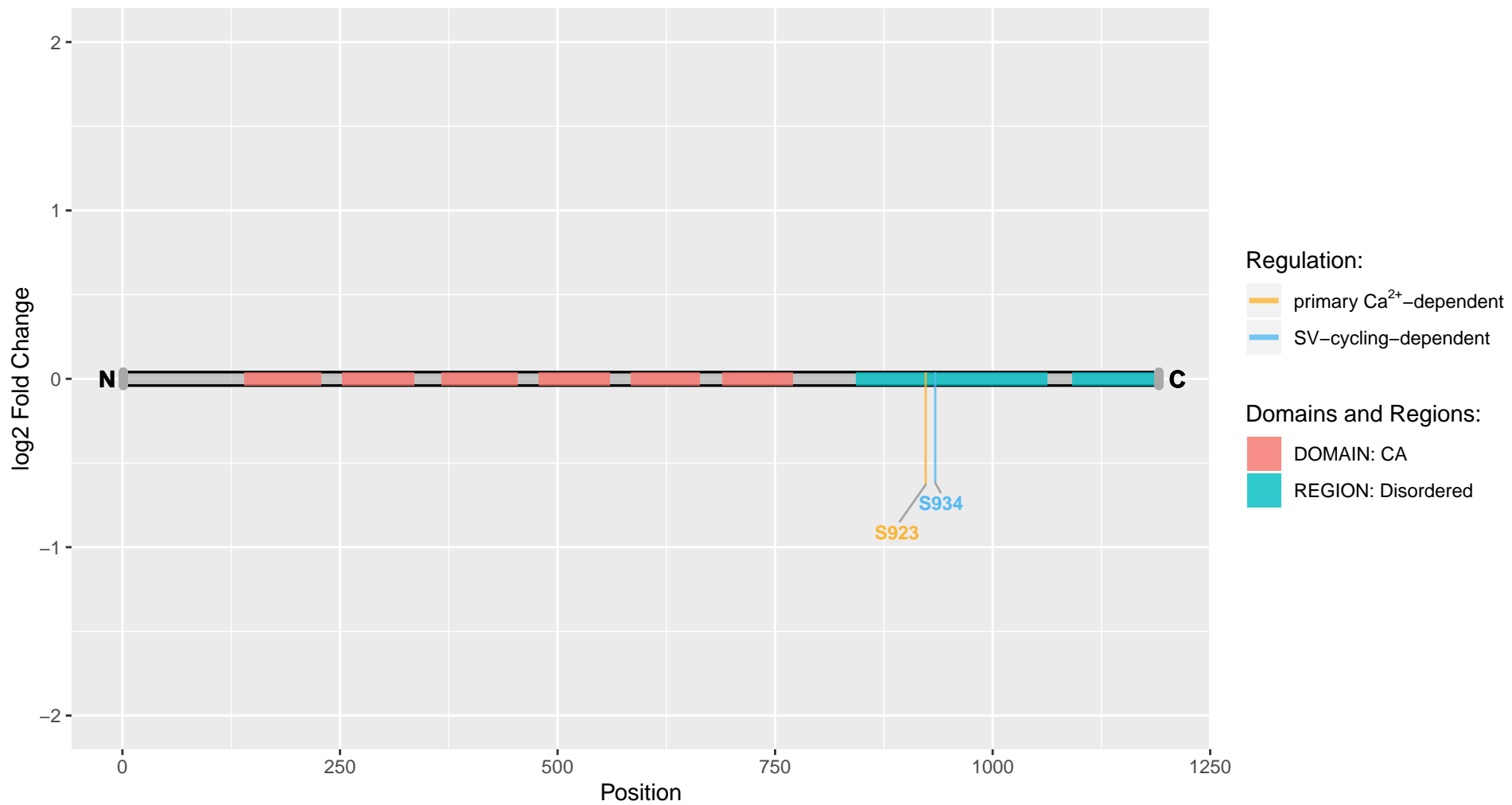
Poly [ADP-ribose] polymerase



Pcdh1

Uniprot Accession: A0A0G2K6T9

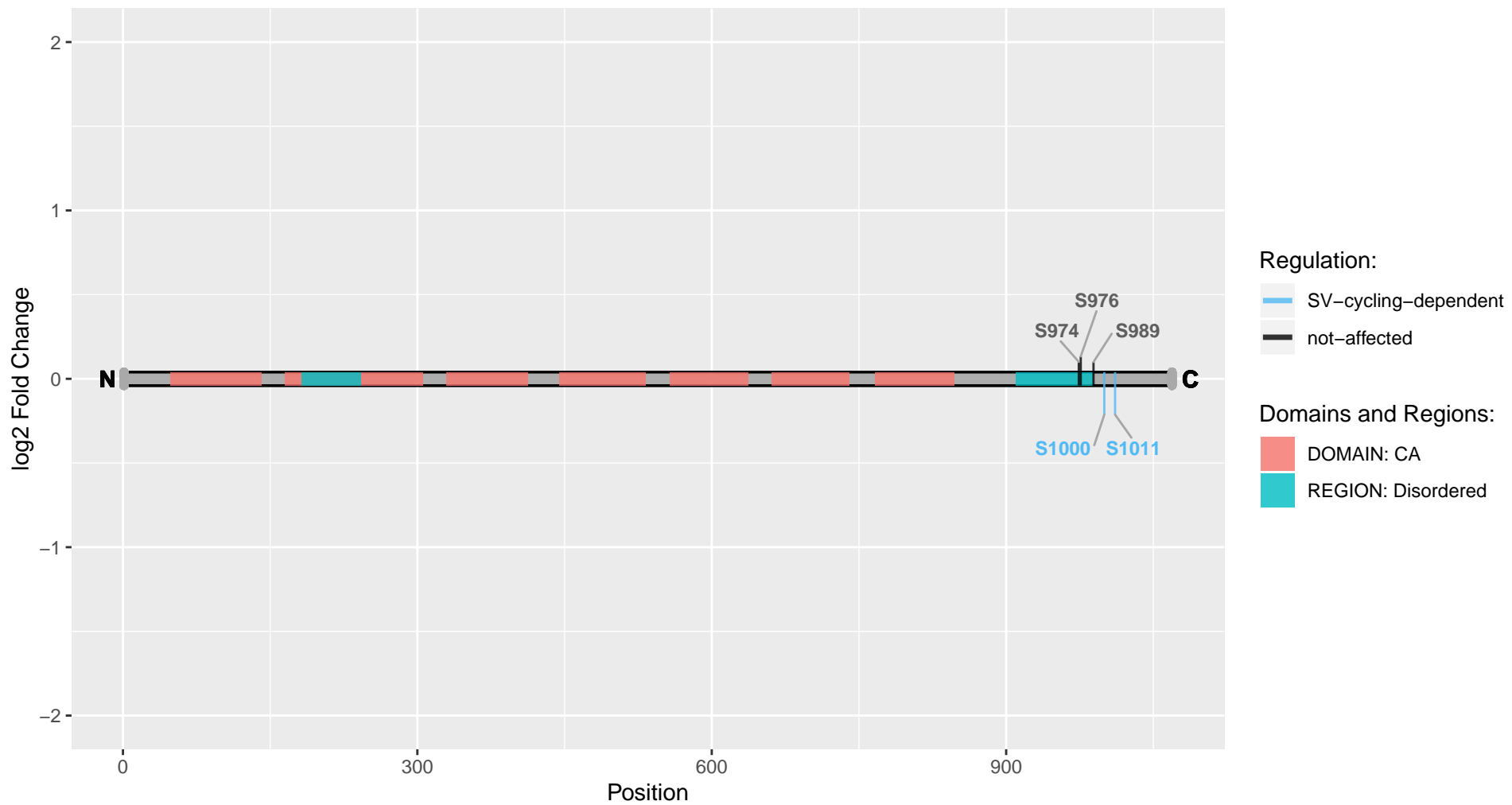
Protocadherin 1



Pcdh7

Uniprot Accession: Q68HB8

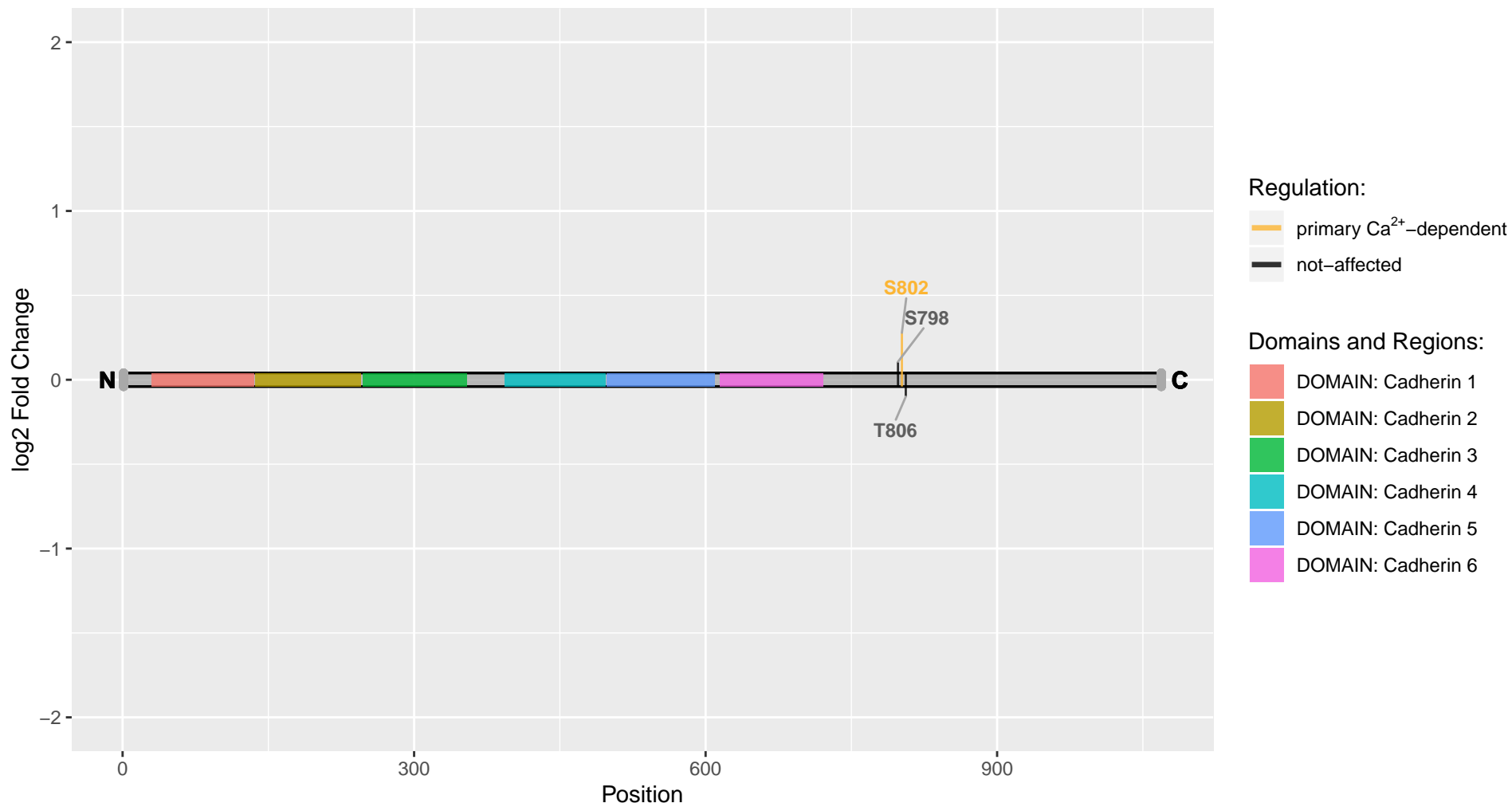
Protocadherin 7



Pcdh8

Uniprot Accession: D3ZE55

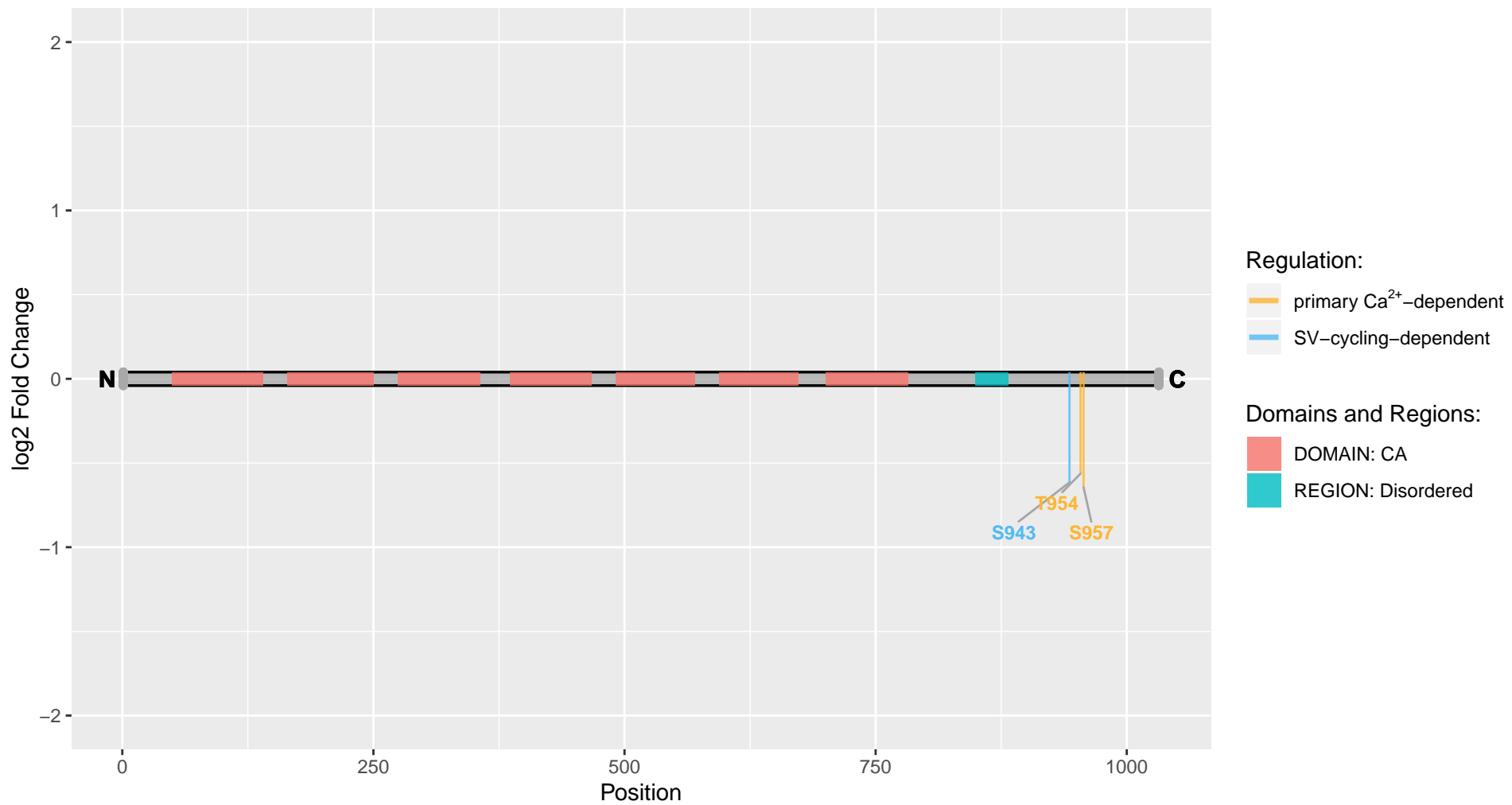
Protocadherin-8



Pcdh9

Uniprot Accession: F1LS01

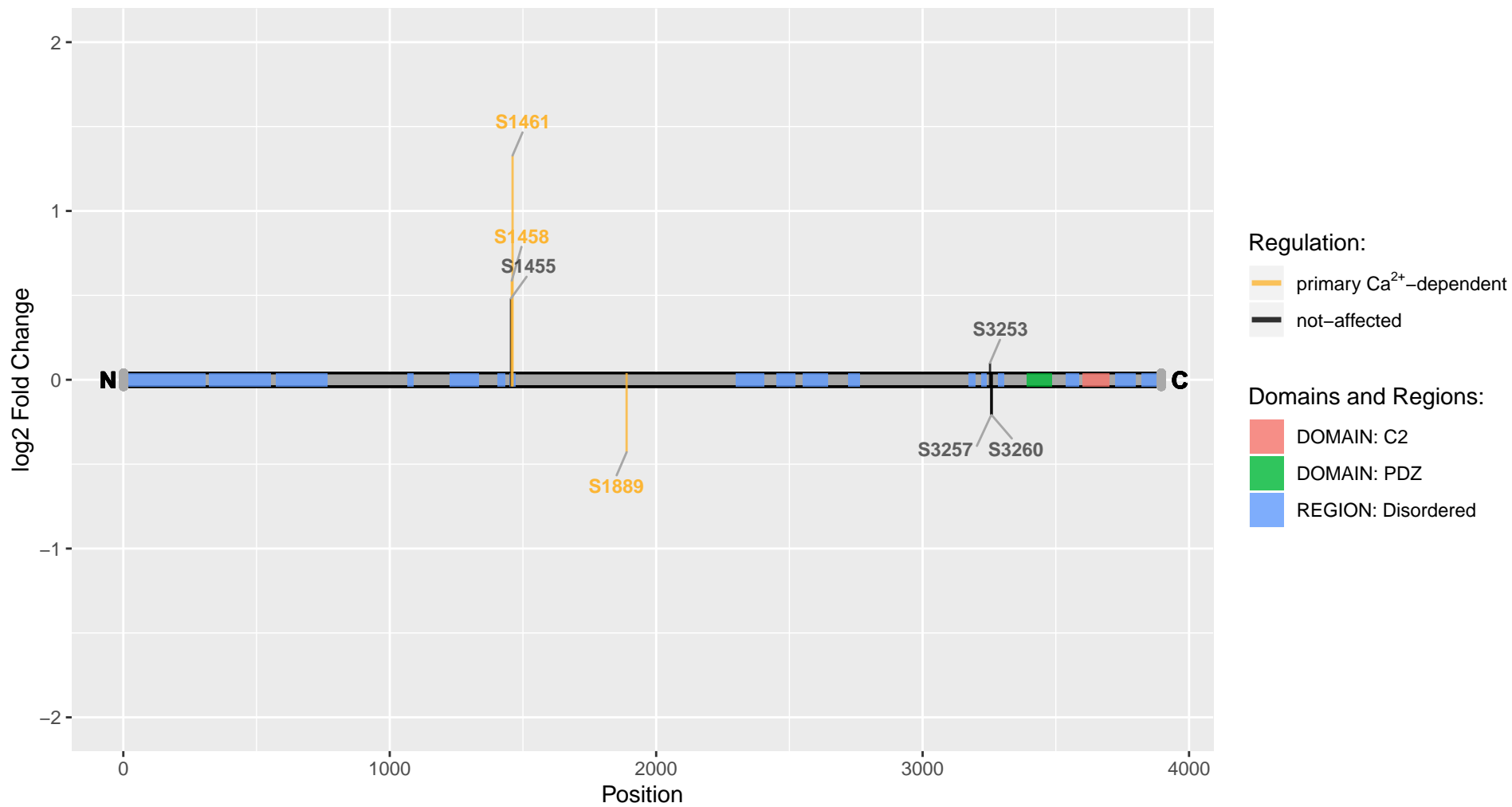
Protocadherin 9



Pclo

Uniprot Accession: F1M7V4

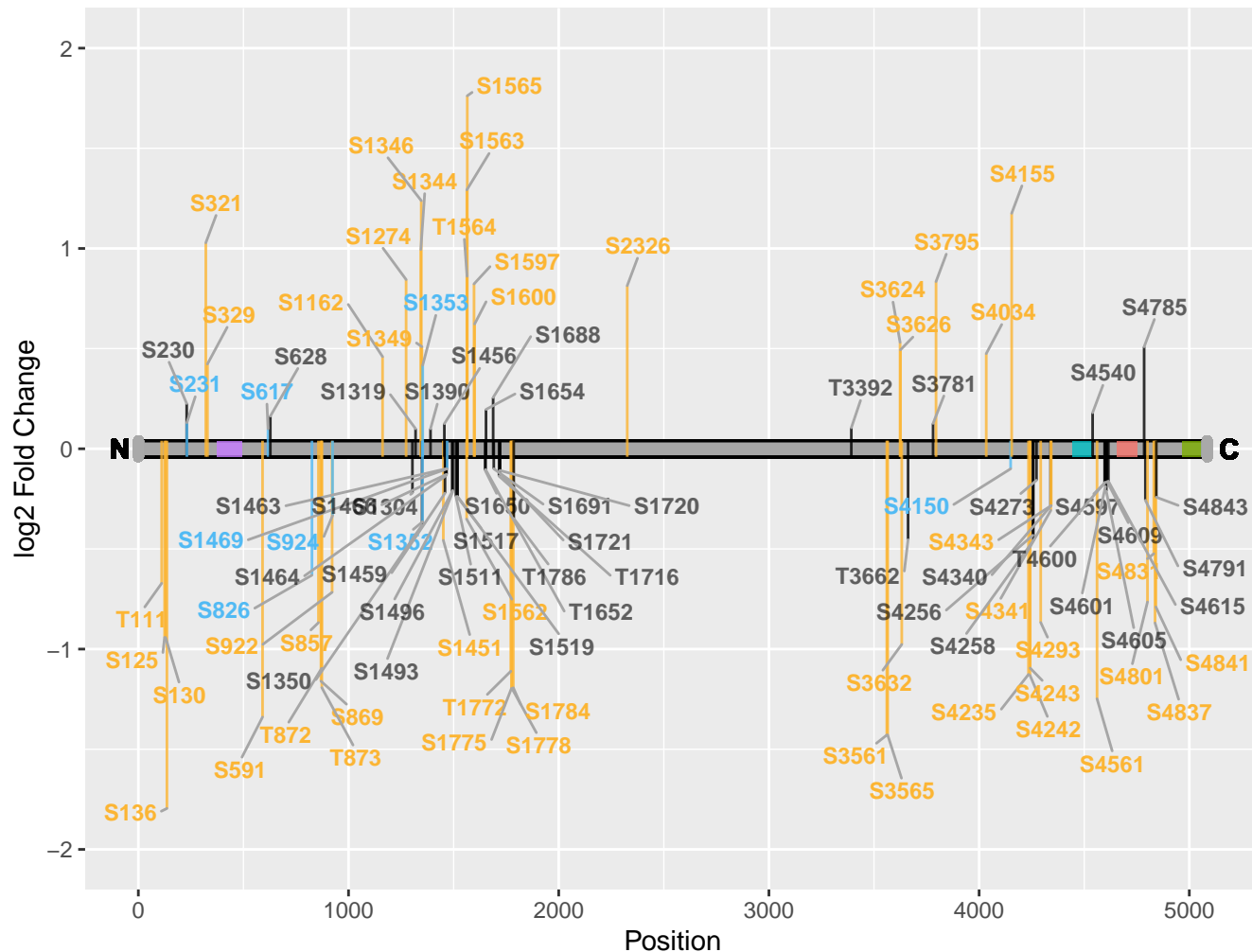
Protein piccolo



Pclo

Uniprot Accession: Q9JKS6

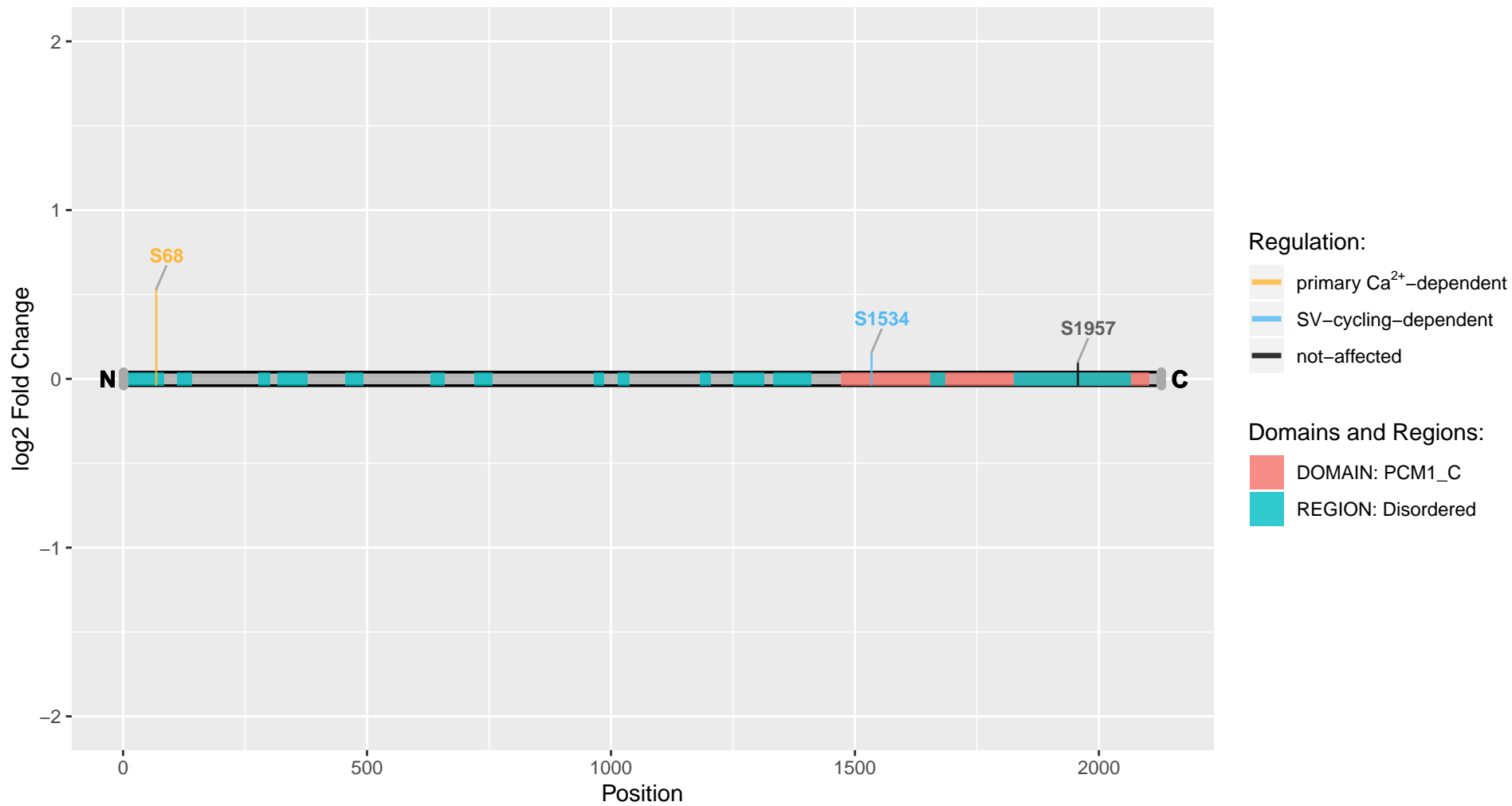
Protein piccolo



Pcm1

Uniprot Accession: A0A0G2K0X1

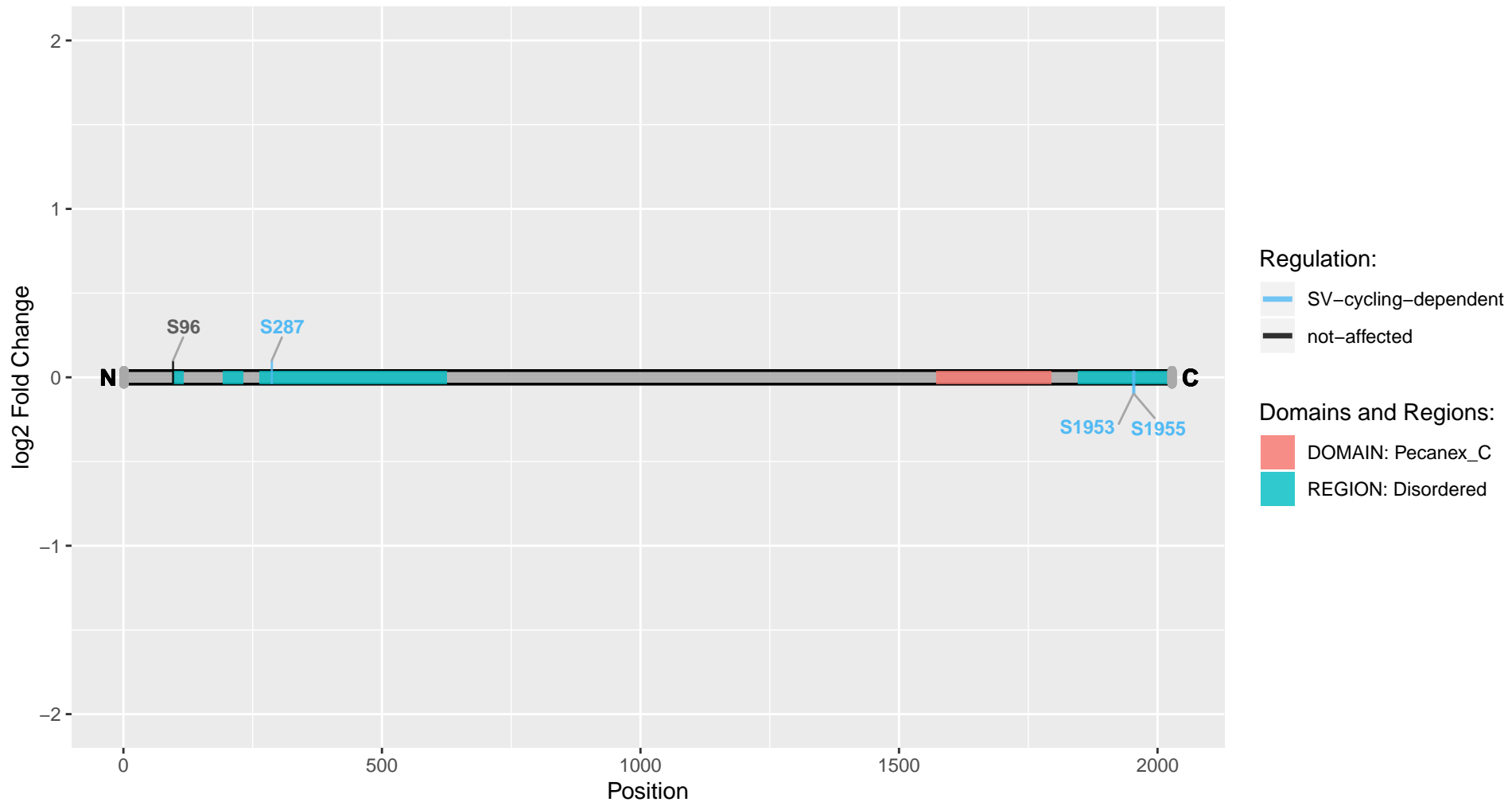
Pericentriolar material 1



Pcnx3

Uniprot Accession: D3ZSQ1

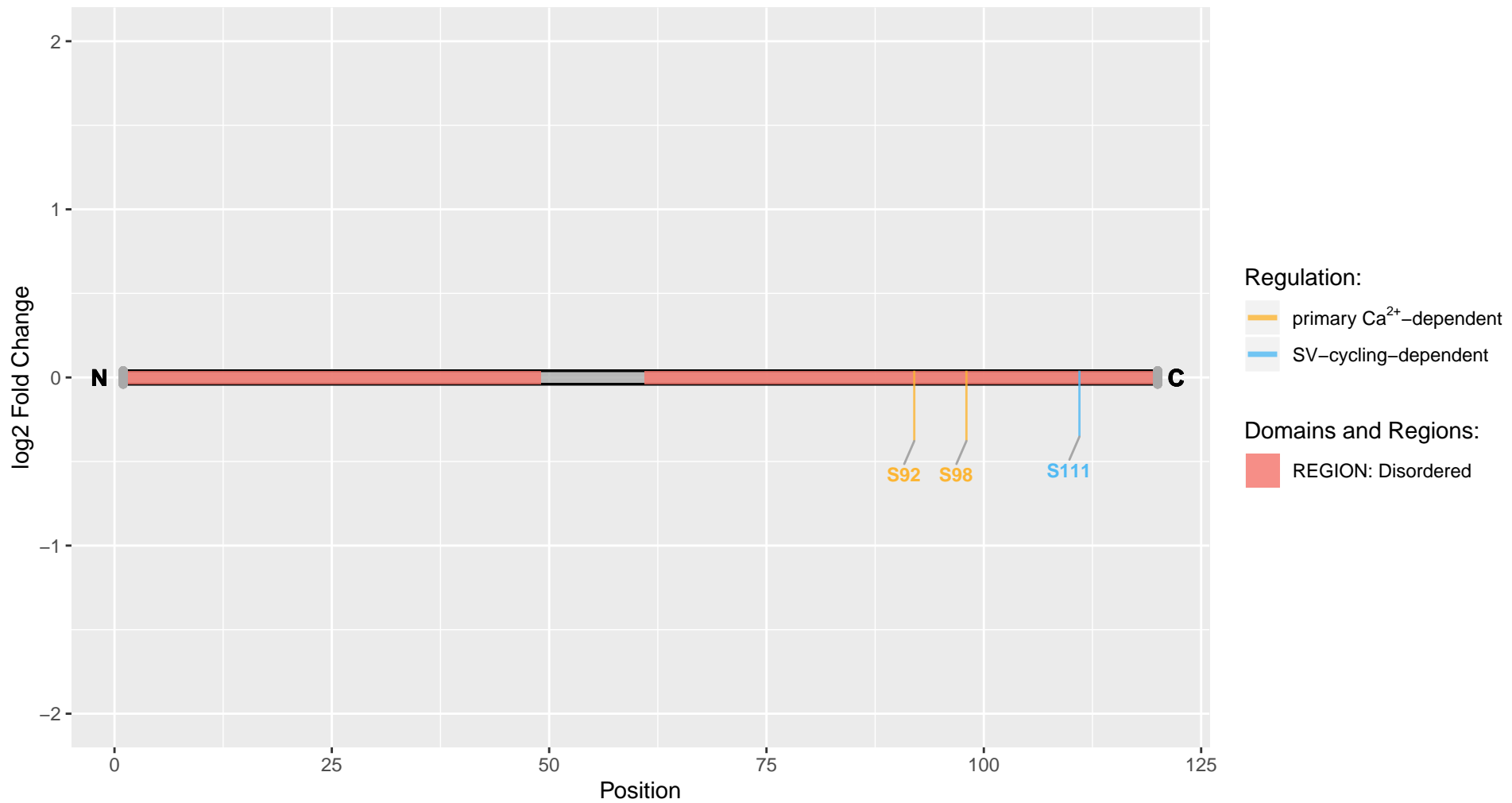
Pecanex 3



Pcp2

Uniprot Accession: D3ZXP8

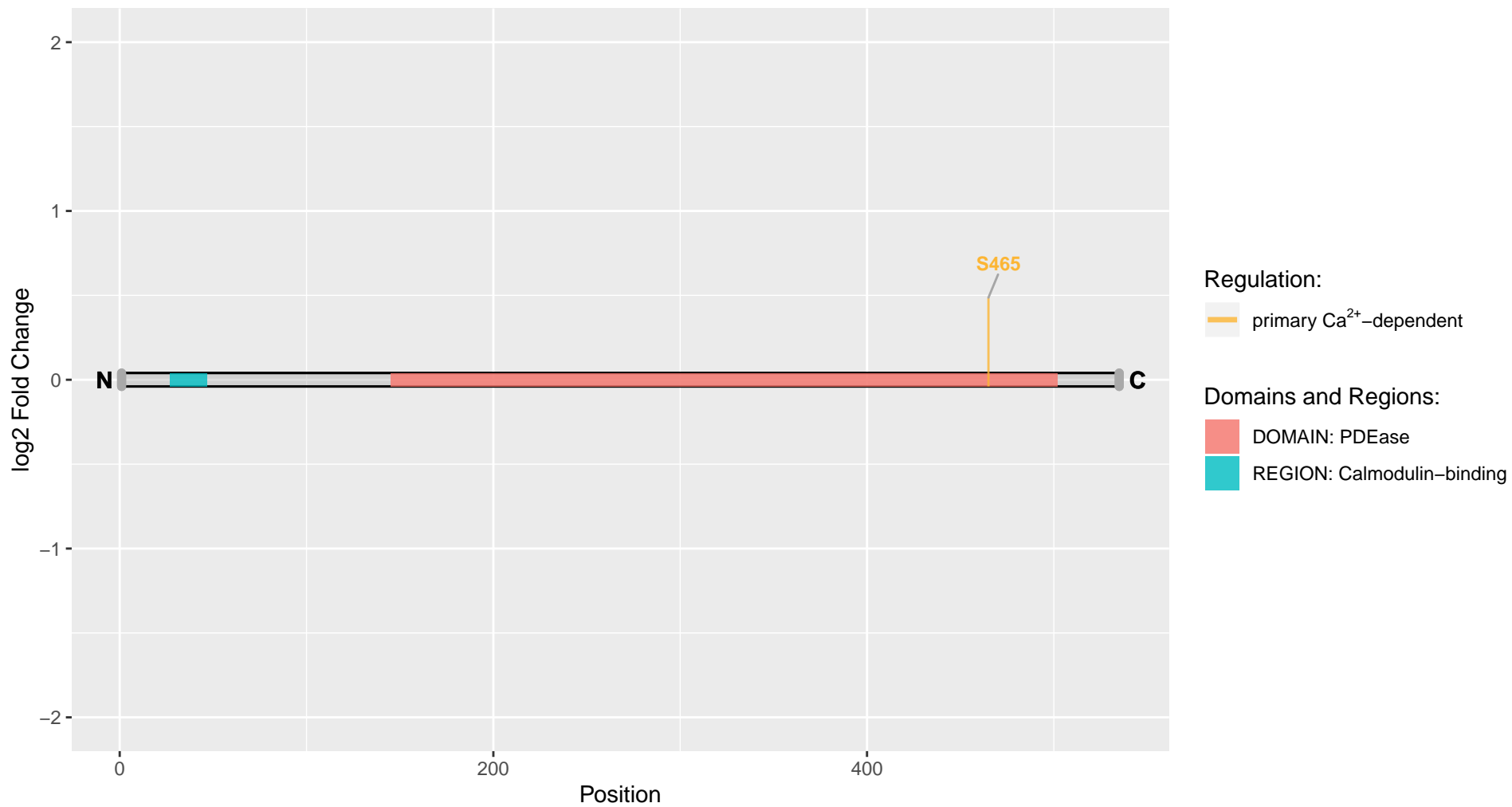
Purkinje cell protein 2



Pde1b

Uniprot Accession: Q01066

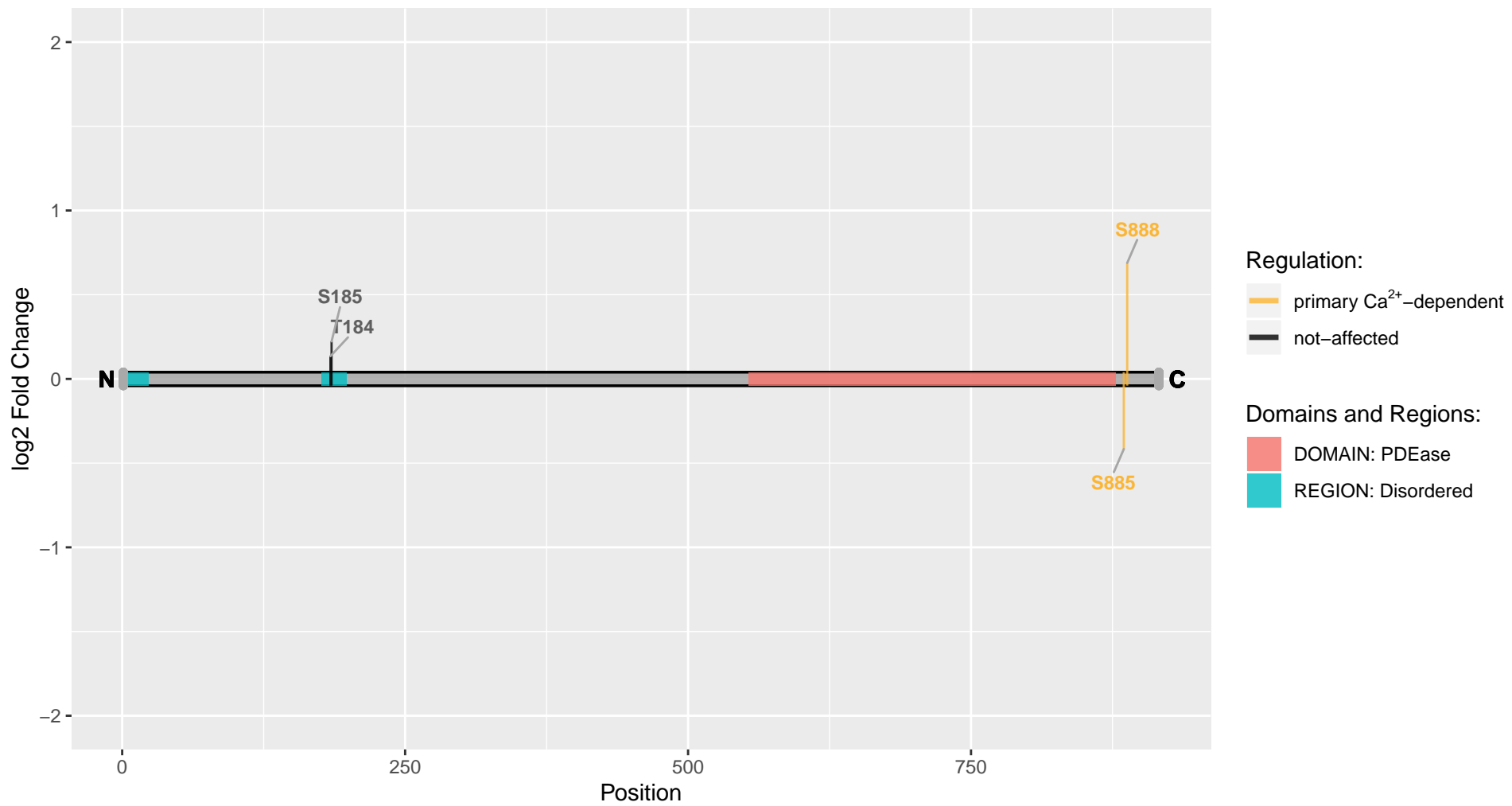
Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B



Pde2a

Uniprot Accession: A0A0G2K876

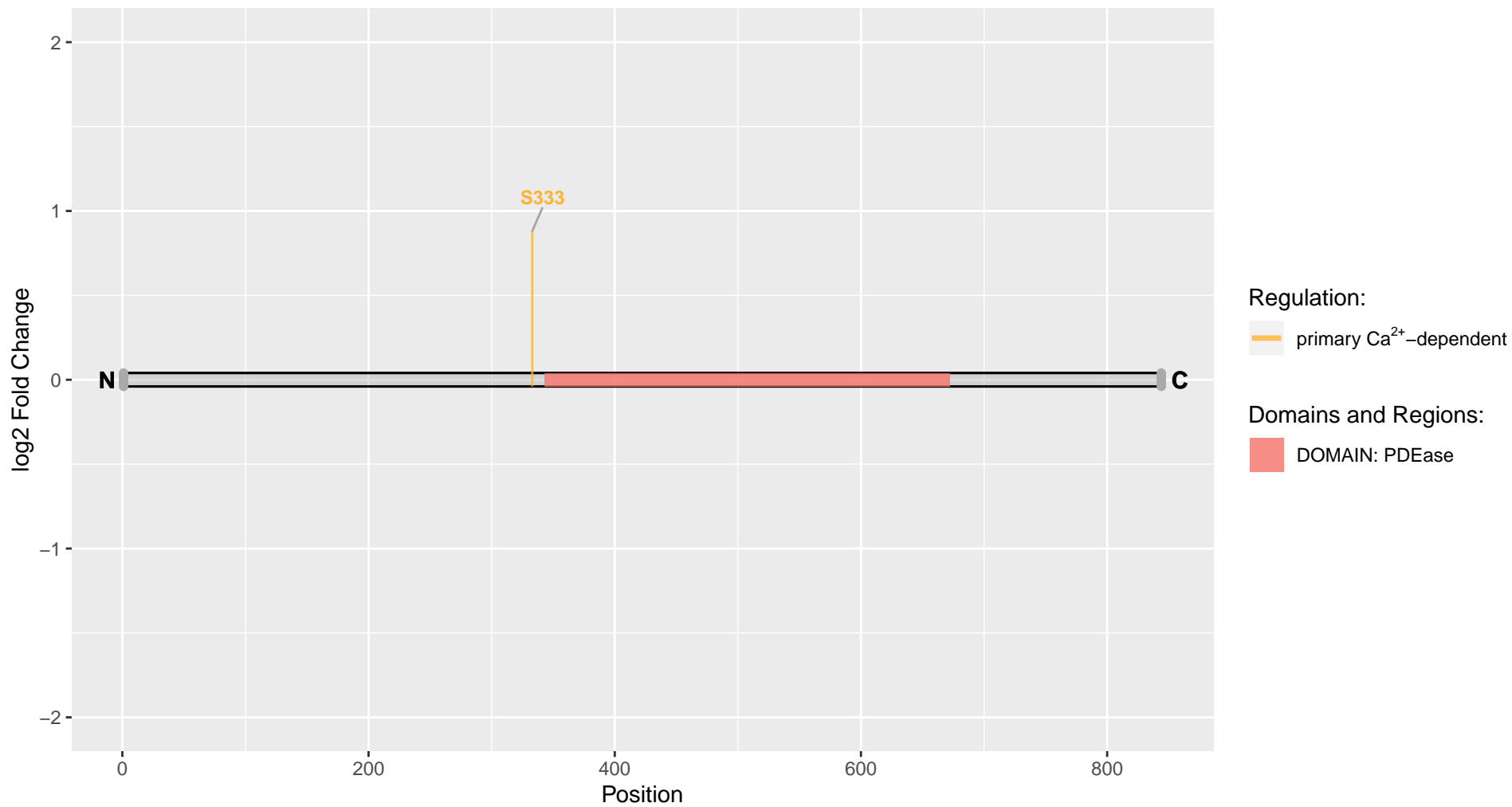
Phosphodiesterase



Pde4a

Uniprot Accession: P54748

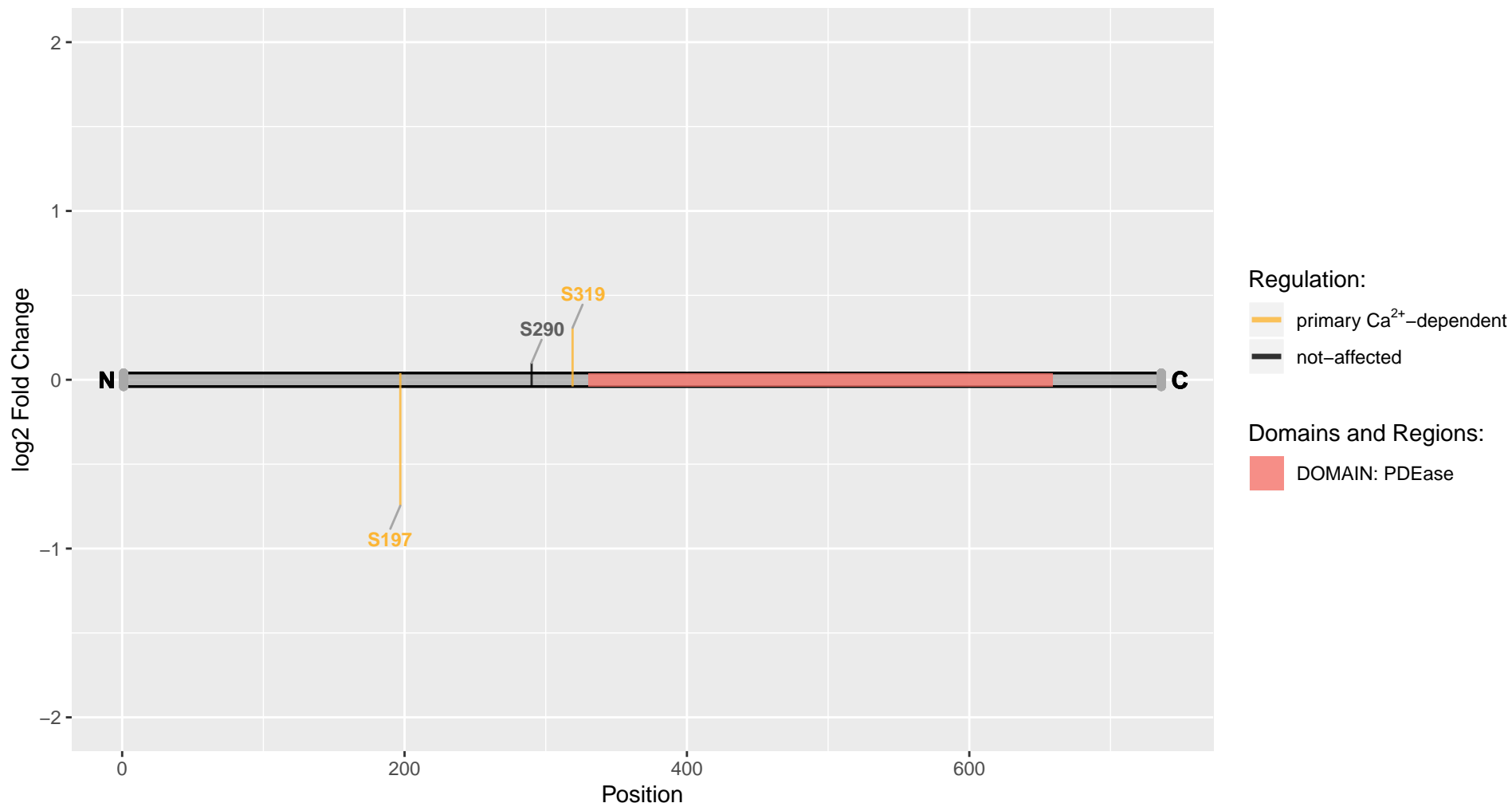
cAMP-specific 3',5'-cyclic phosphodiesterase 4A



Pde4b

Uniprot Accession: P14646

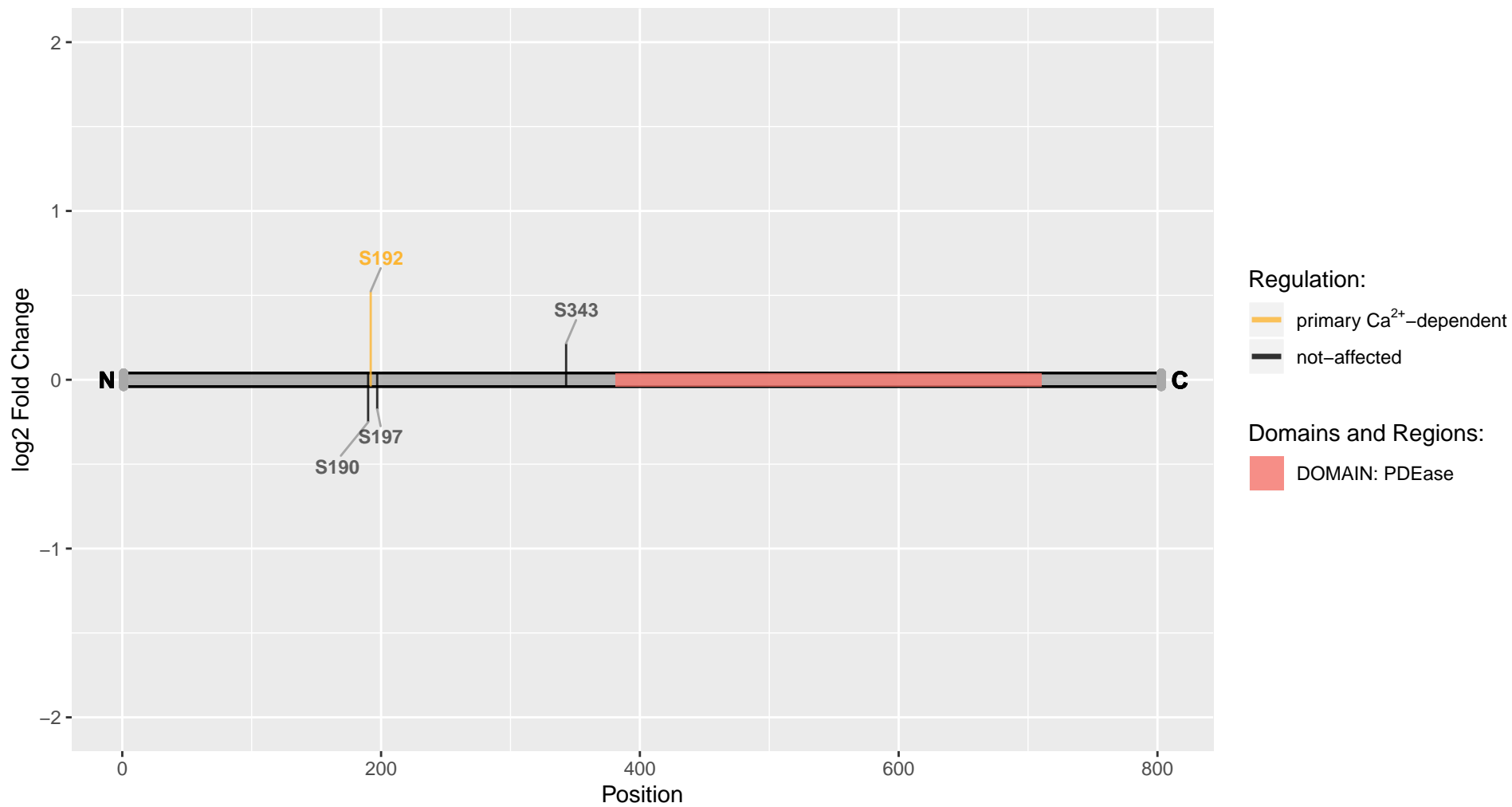
cAMP-specific 3',5'-cyclic phosphodiesterase 4B



Pde4d

Uniprot Accession: P14270

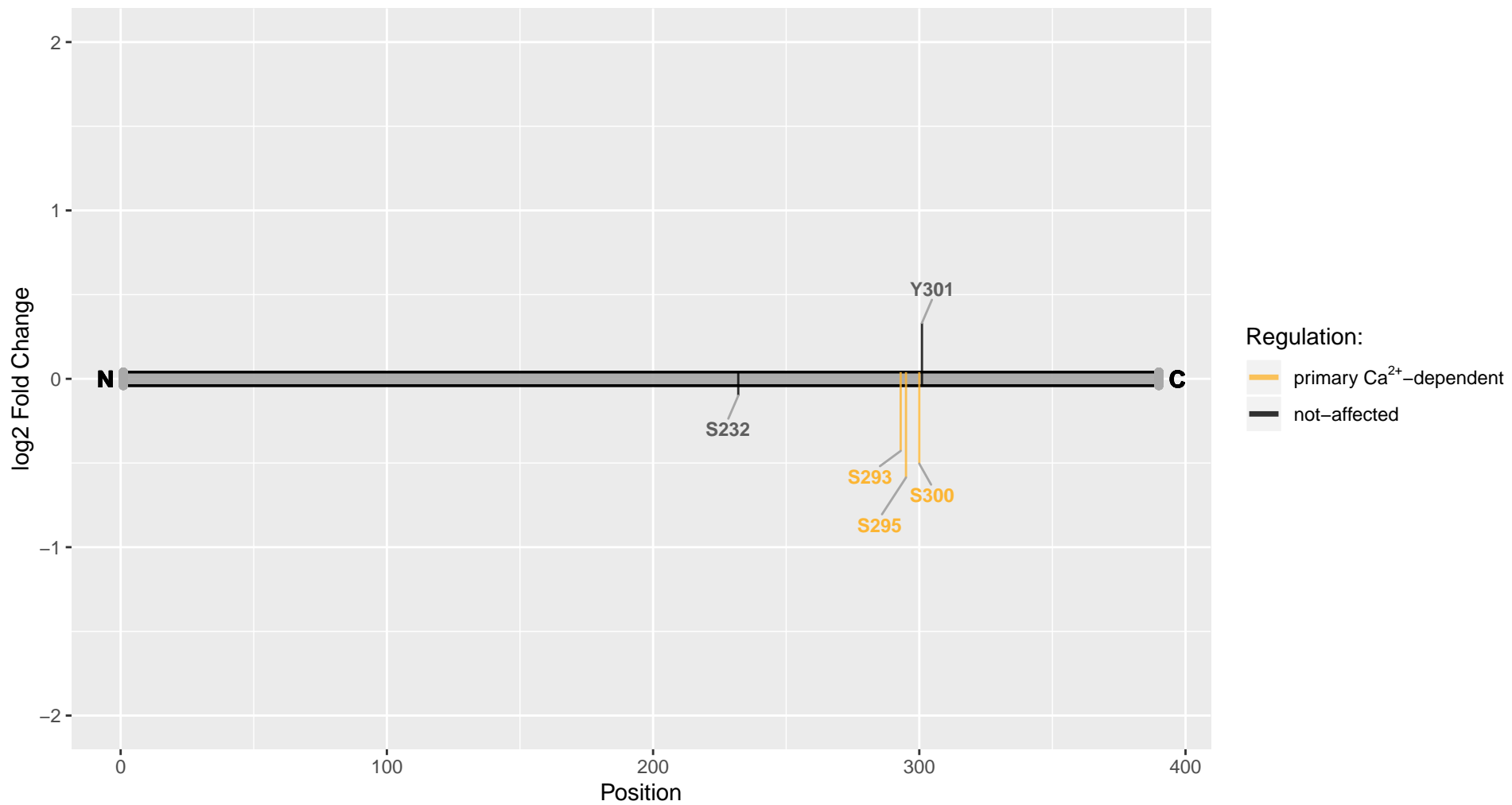
cAMP-specific 3',5'-cyclic phosphodiesterase 4D



Pdha1

Uniprot Accession: P26284

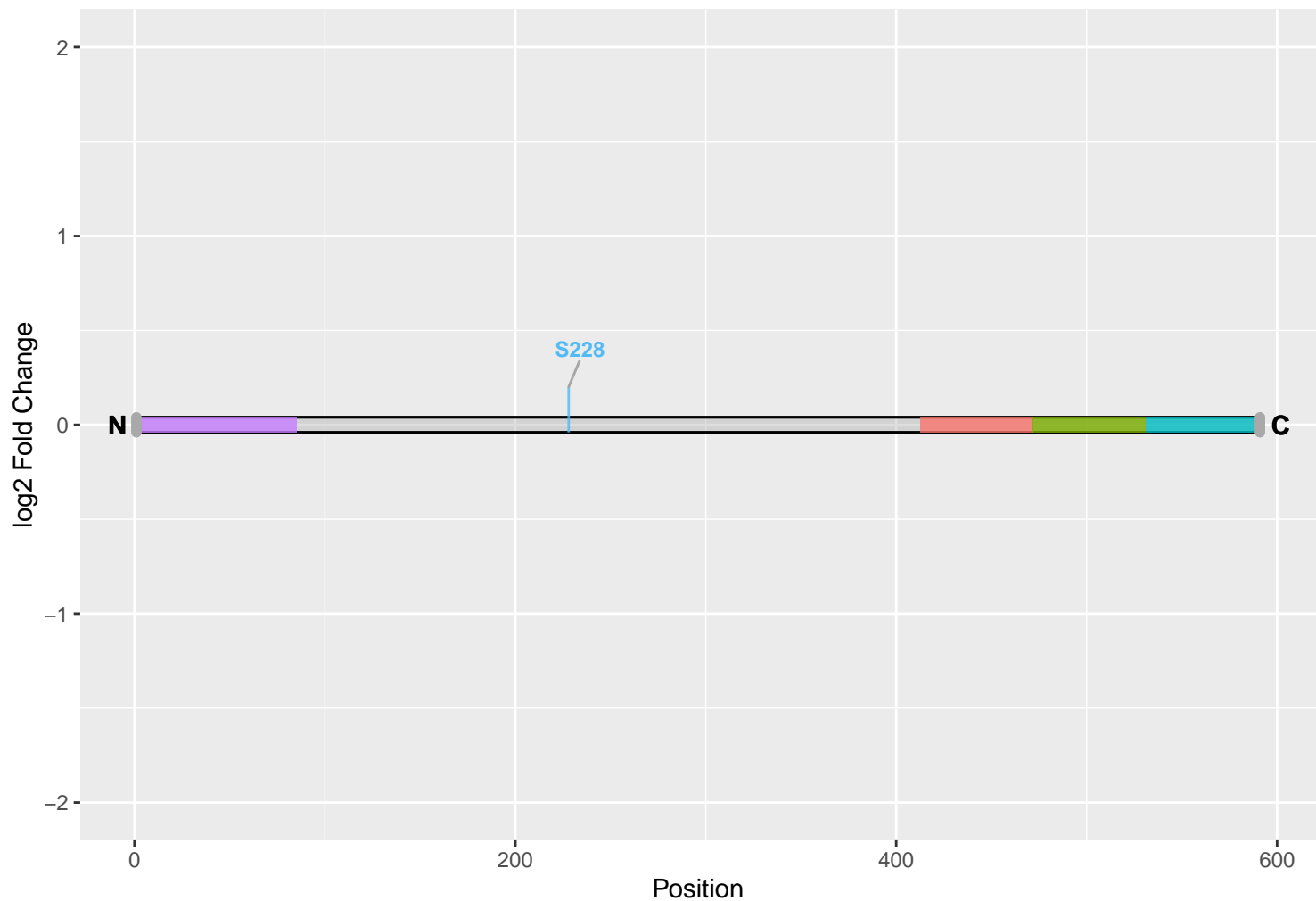
Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial



Pdlim5

Uniprot Accession: Q62920

PDZ and LIM domain protein 5



Regulation:

— SV-cycling-dependent

Domains and Regions:

— DOMAIN: LIM zinc-binding 1

— DOMAIN: LIM zinc-binding 2

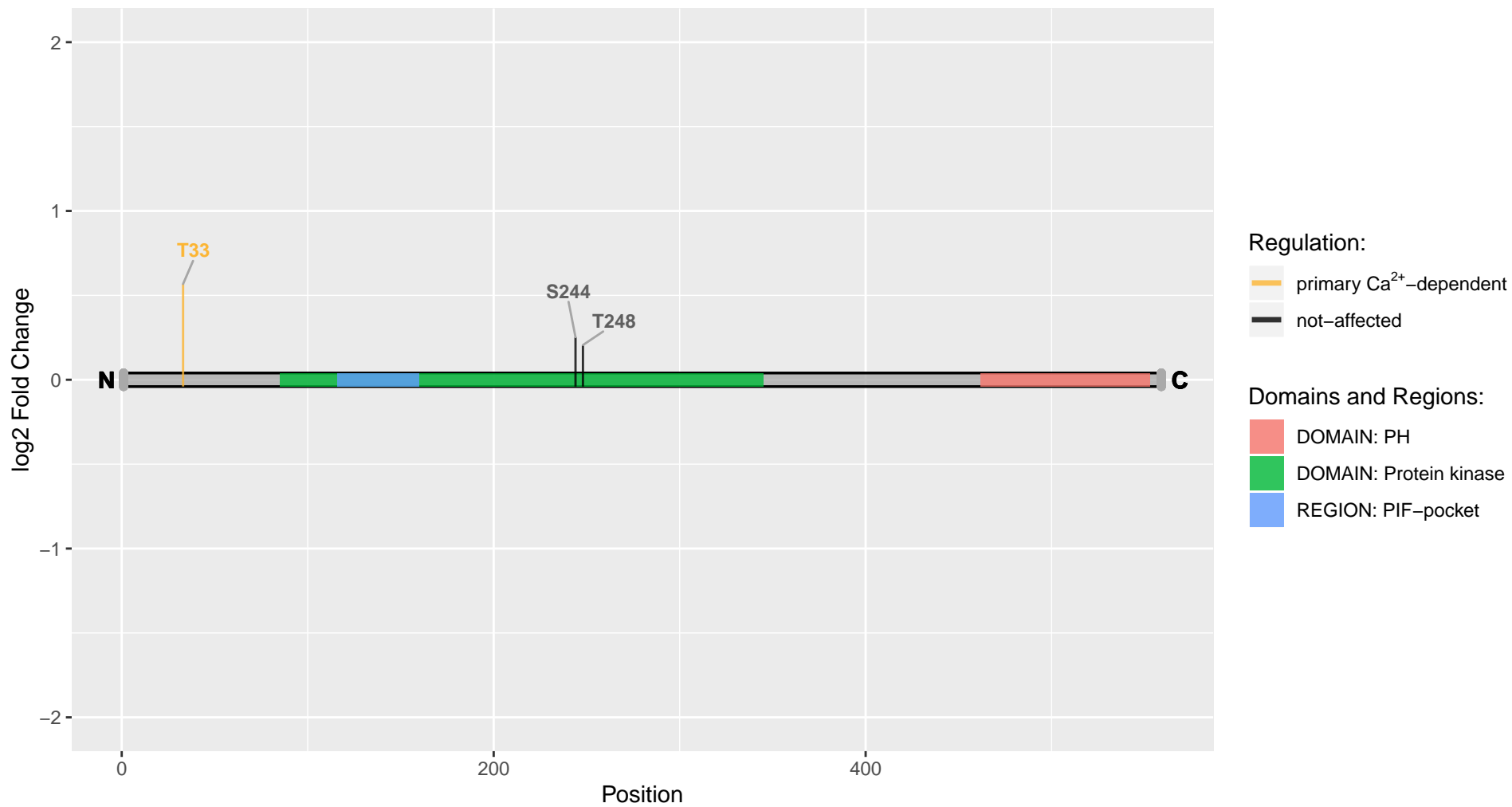
— DOMAIN: LIM zinc-binding 3

— DOMAIN: PDZ

Pdk1

Uniprot Accession: O55173

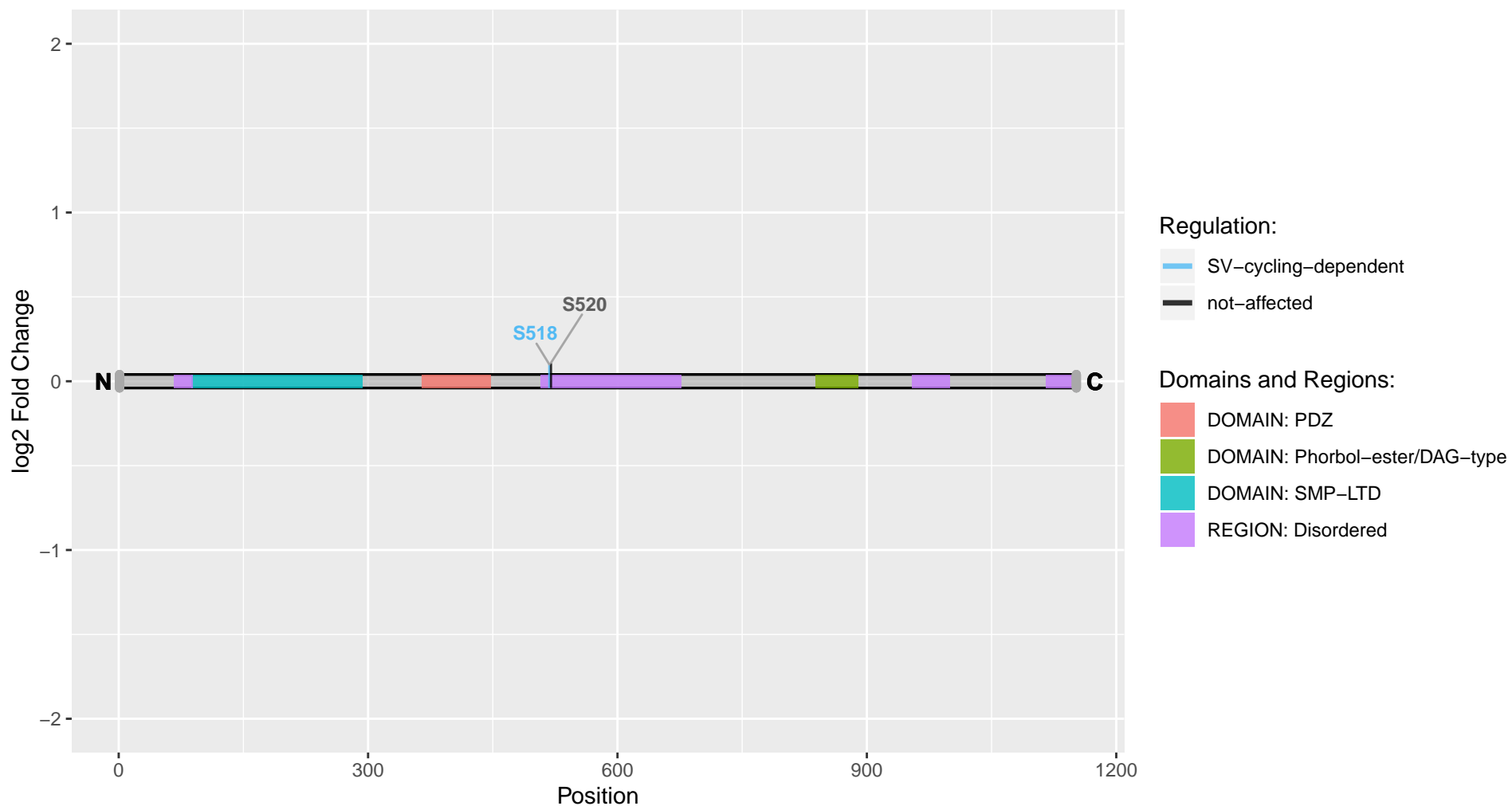
3-phosphoinositide-dependent protein kinase 1



Pdzd8

Uniprot Accession: D3ZXY2

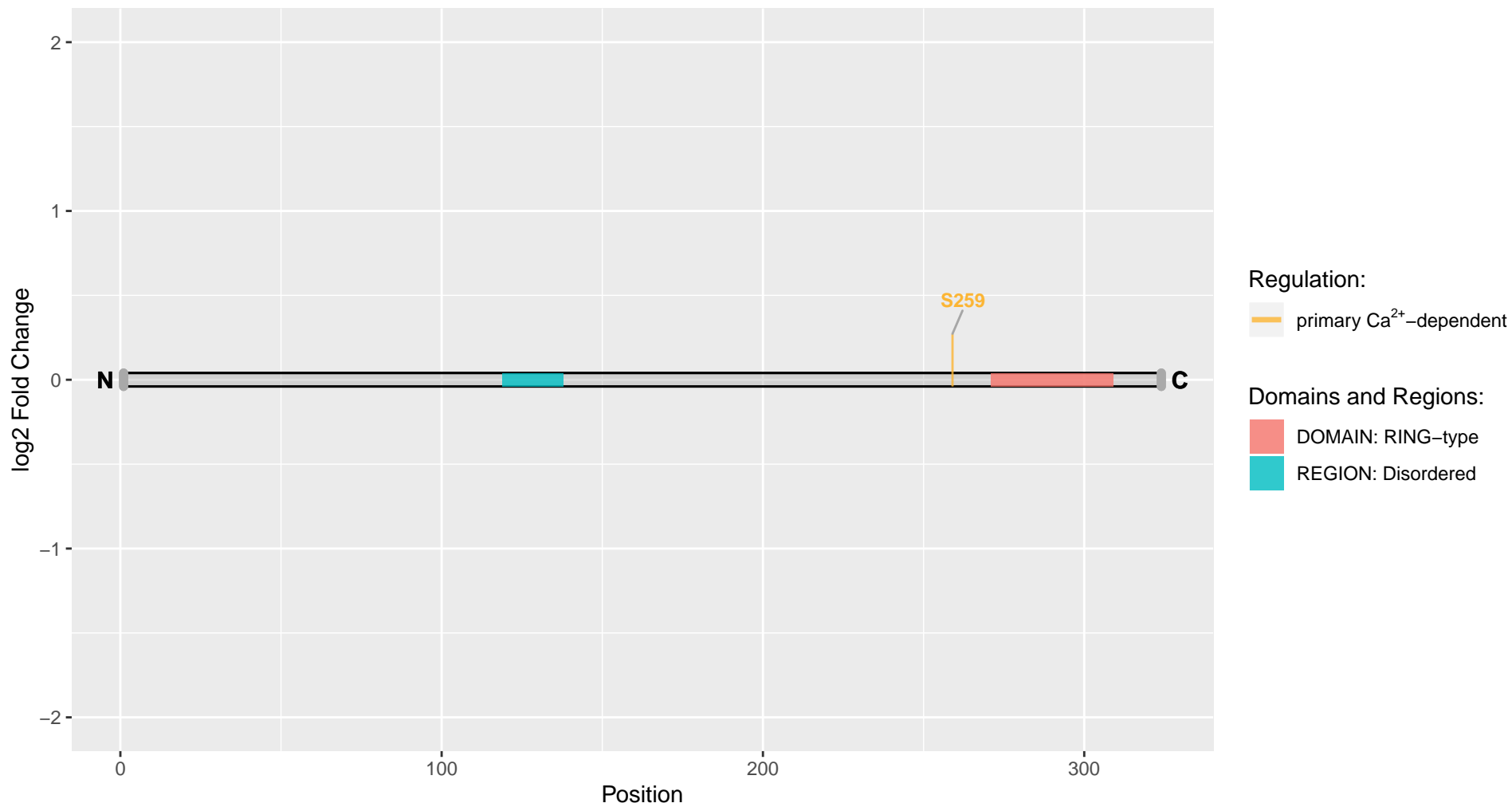
PDZ domain containing 8 (Predicted)



Pex10

Uniprot Accession: D3ZC81

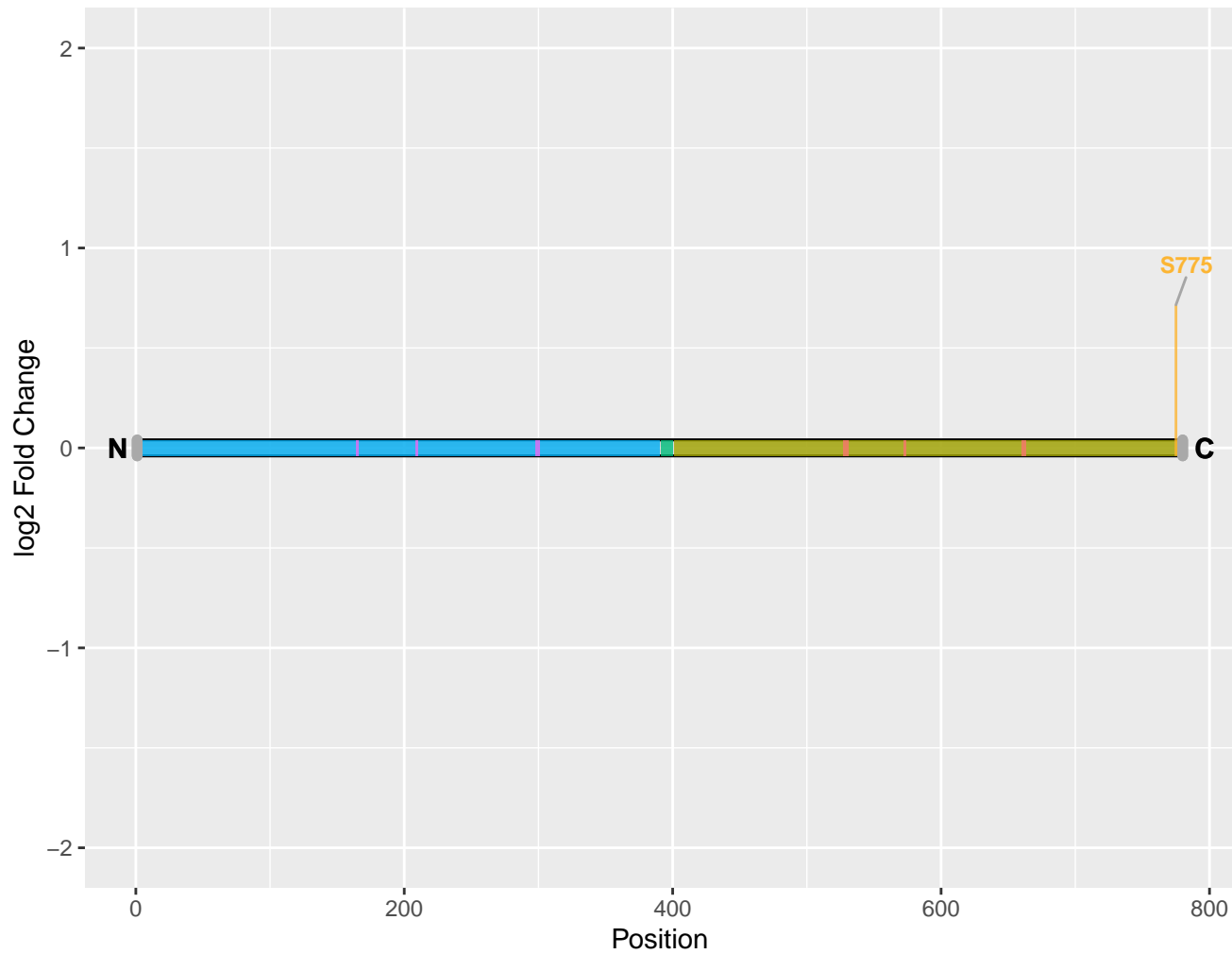
Peroxisomal biogenesis factor 10



Pfkl

Uniprot Accession: P30835

ATP-dependent 6-phosphofructokinase, liver type



Regulation:

primary Ca²⁺-dependent

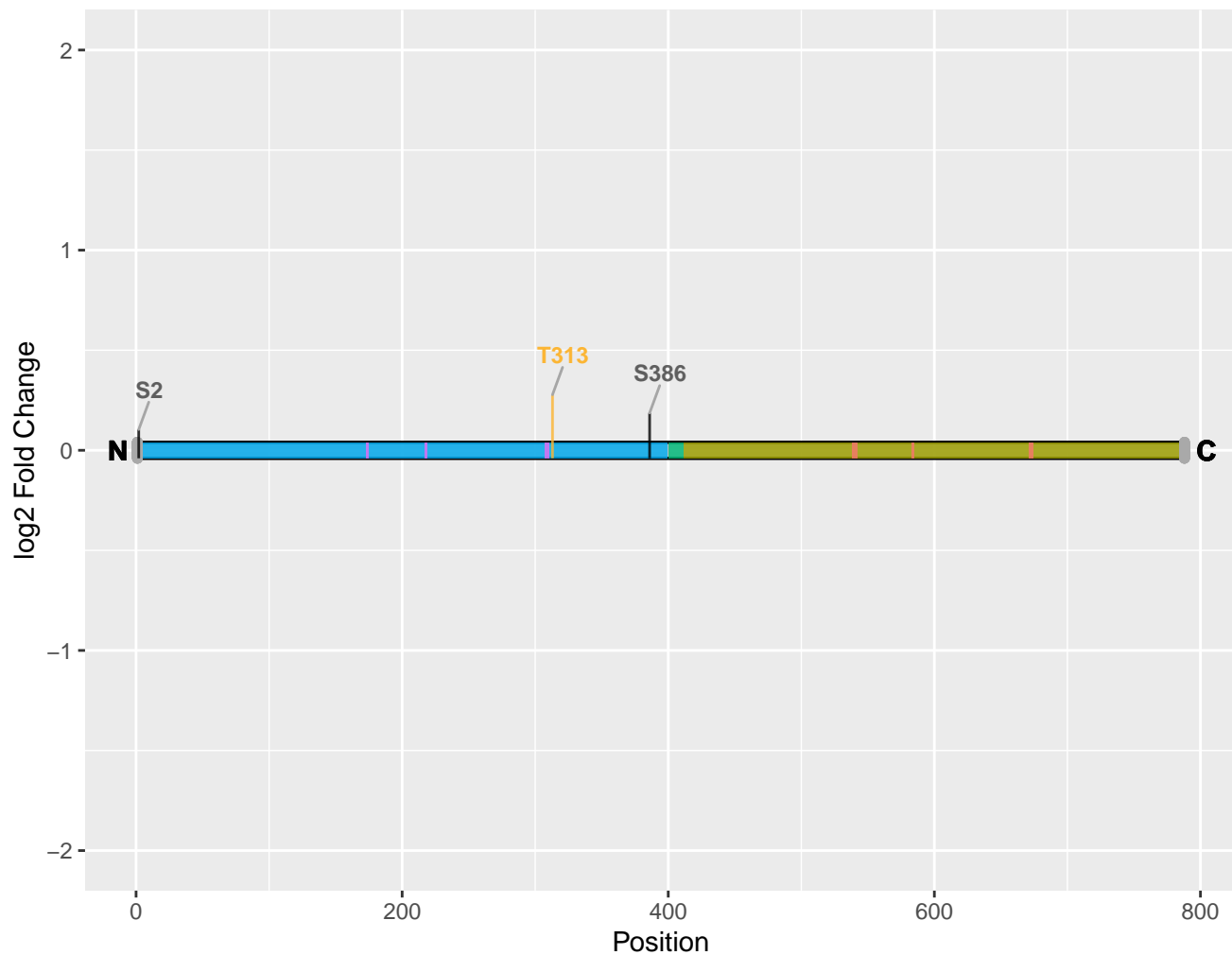
Domains and Regions:

- 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
- not-affected

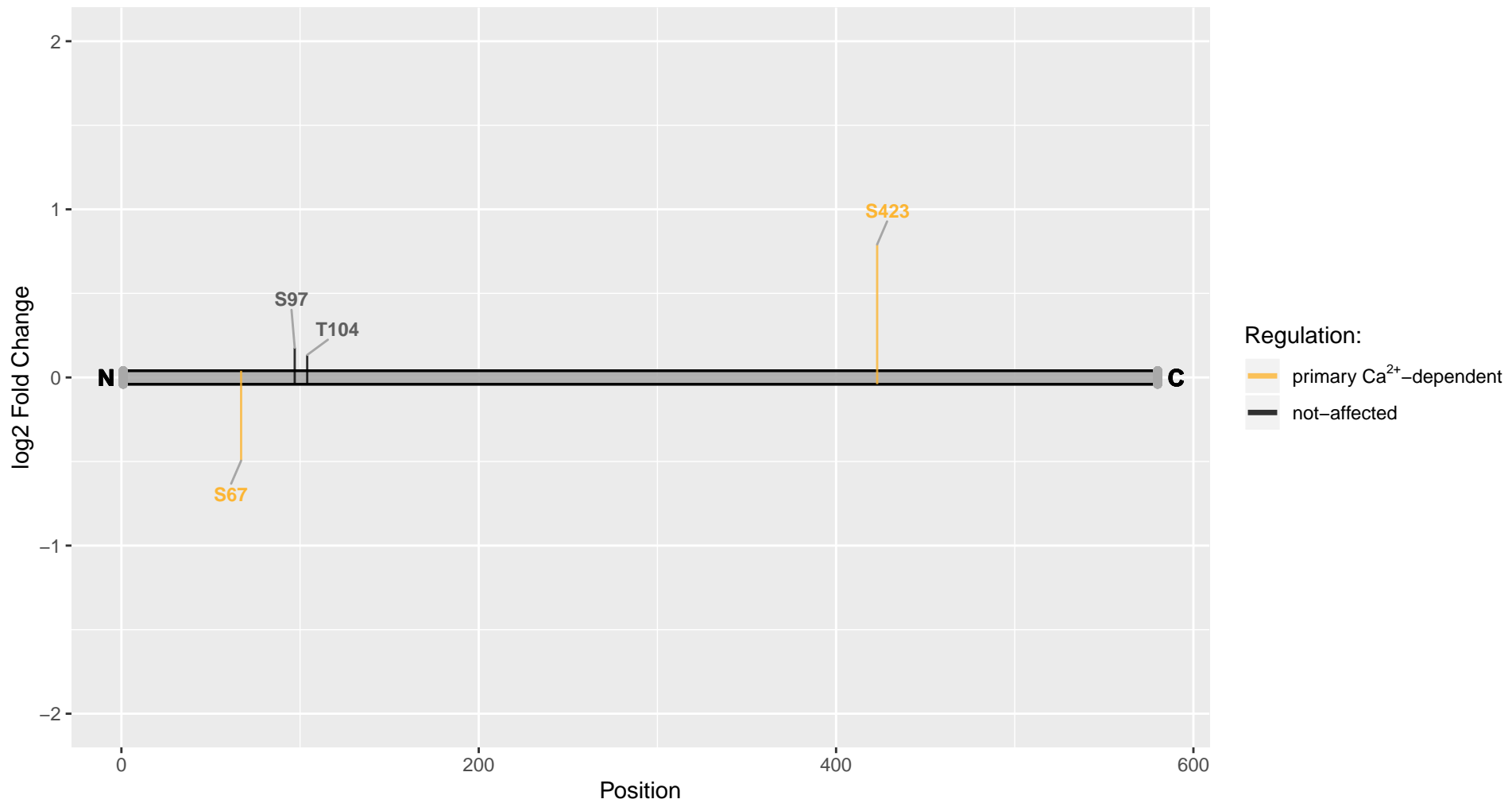
Domains and Regions:

- 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

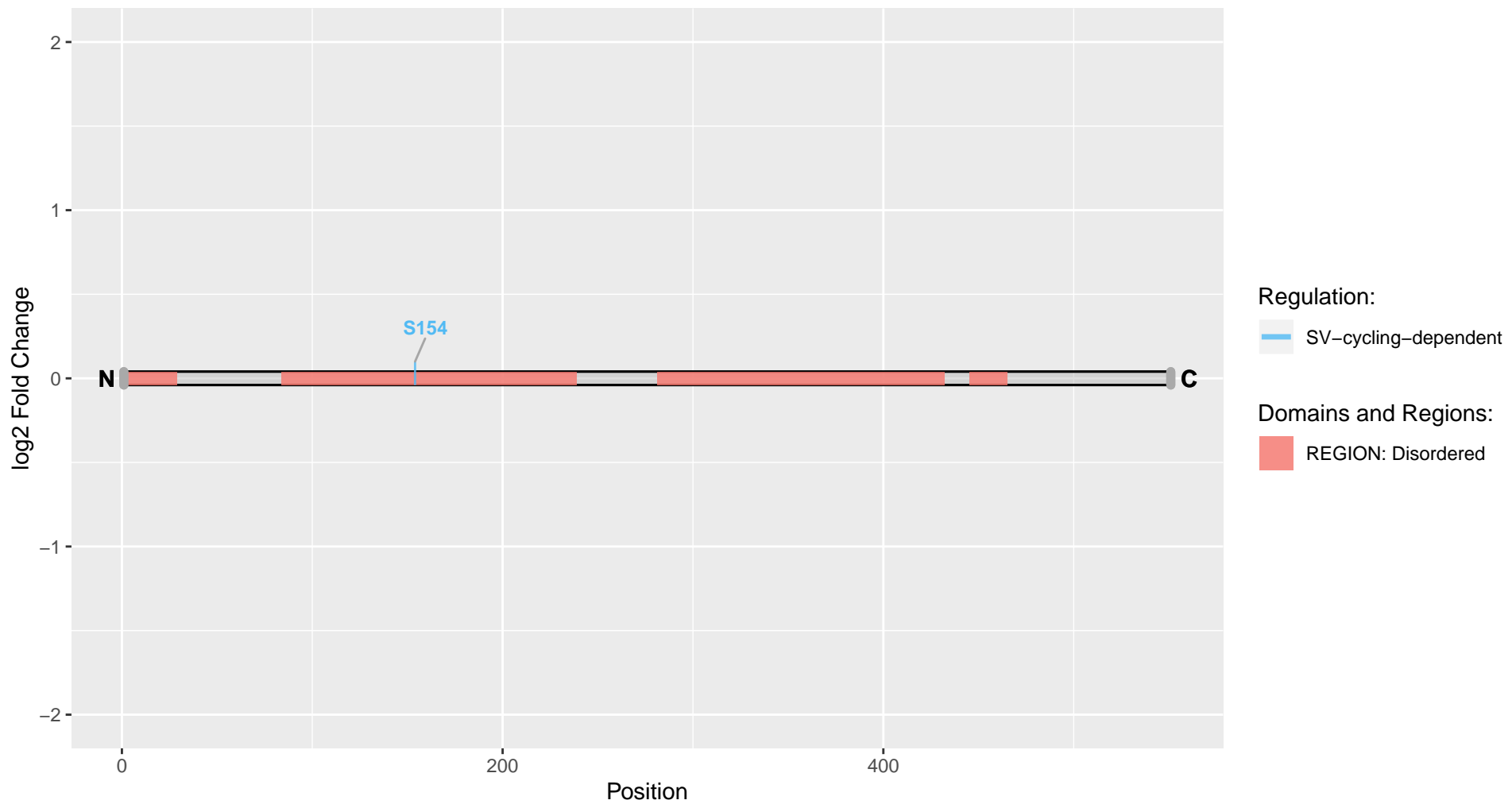
Phosphatase and actin regulator 1



Phactr2

Uniprot Accession: A0A0G2K8Q4

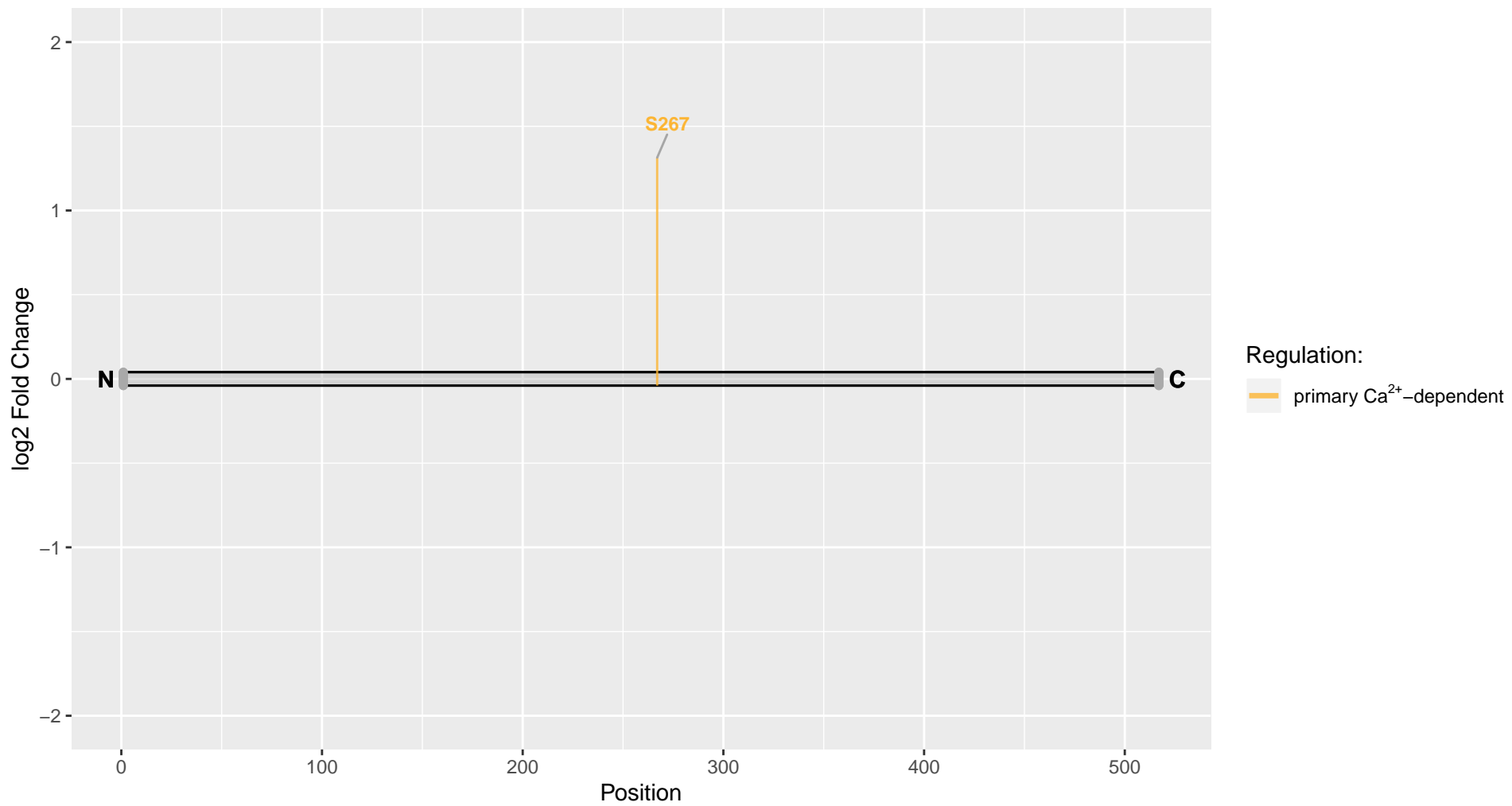
Phosphatase and actin regulator



Phactr3

Uniprot Accession: Q6RFY2

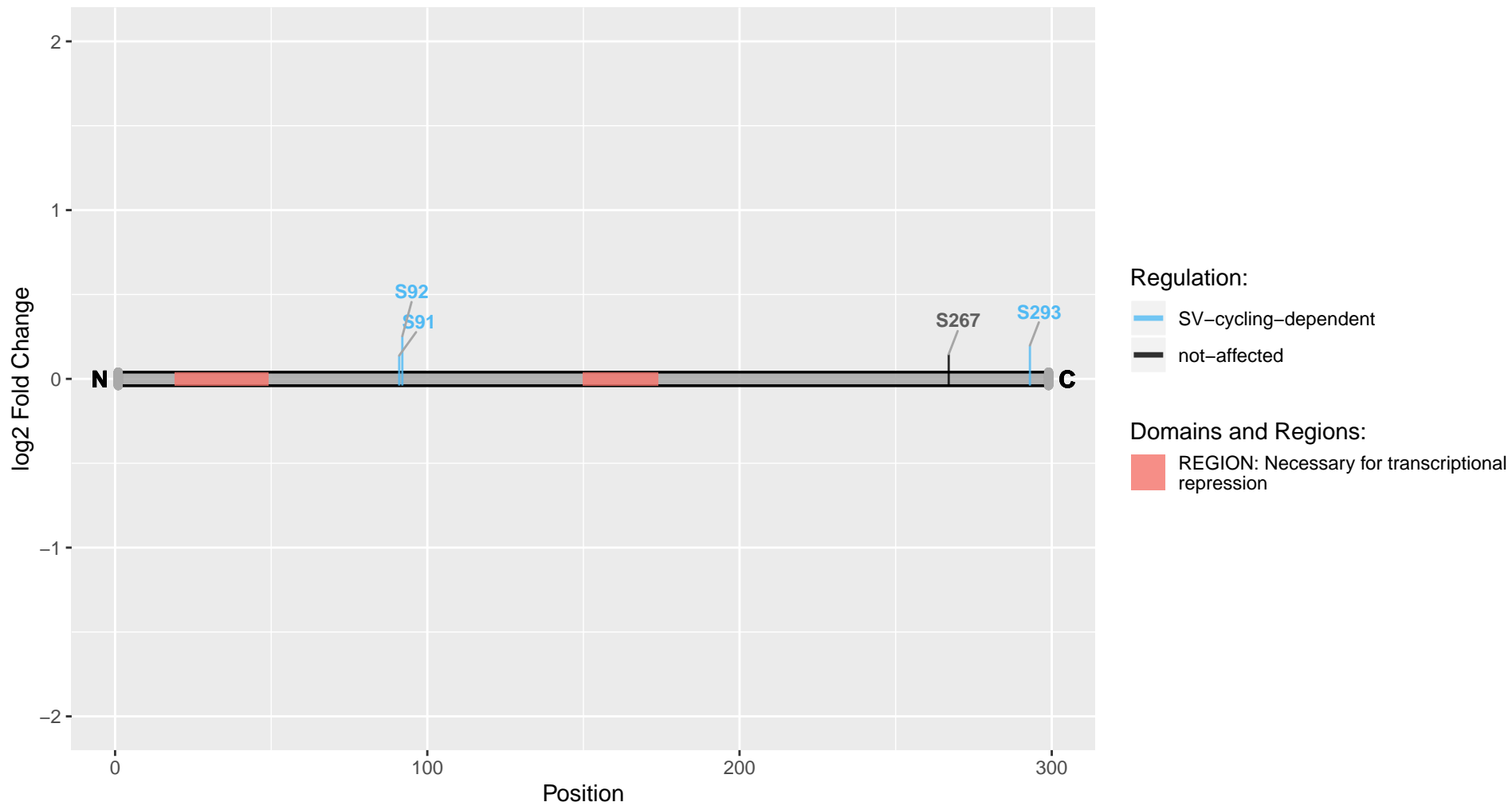
Phosphatase and actin regulator 3



Phb2

Uniprot Accession: Q5XIH7

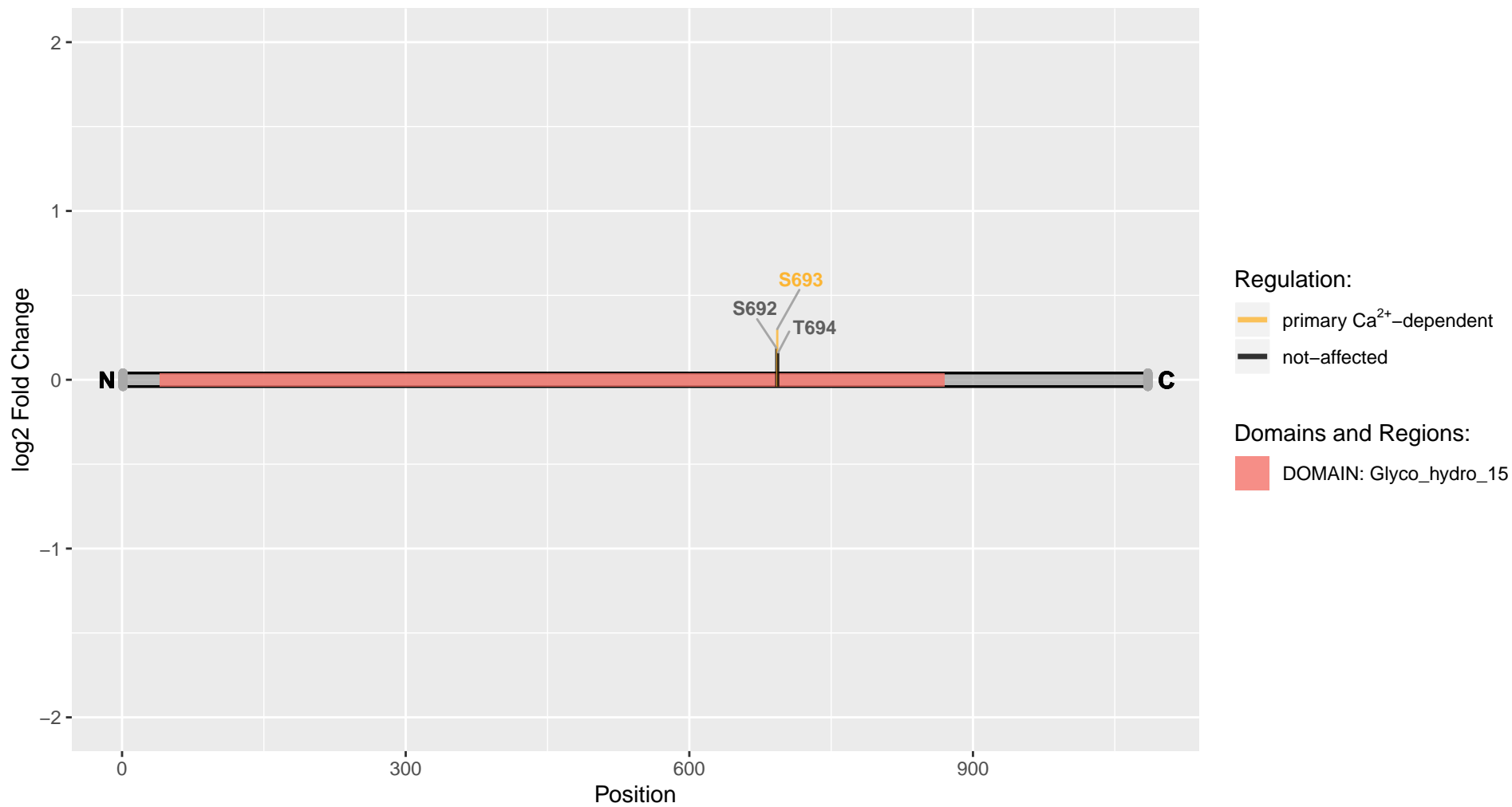
Prohibitin-2



Phkb

Uniprot Accession: A0A0G2K9C8

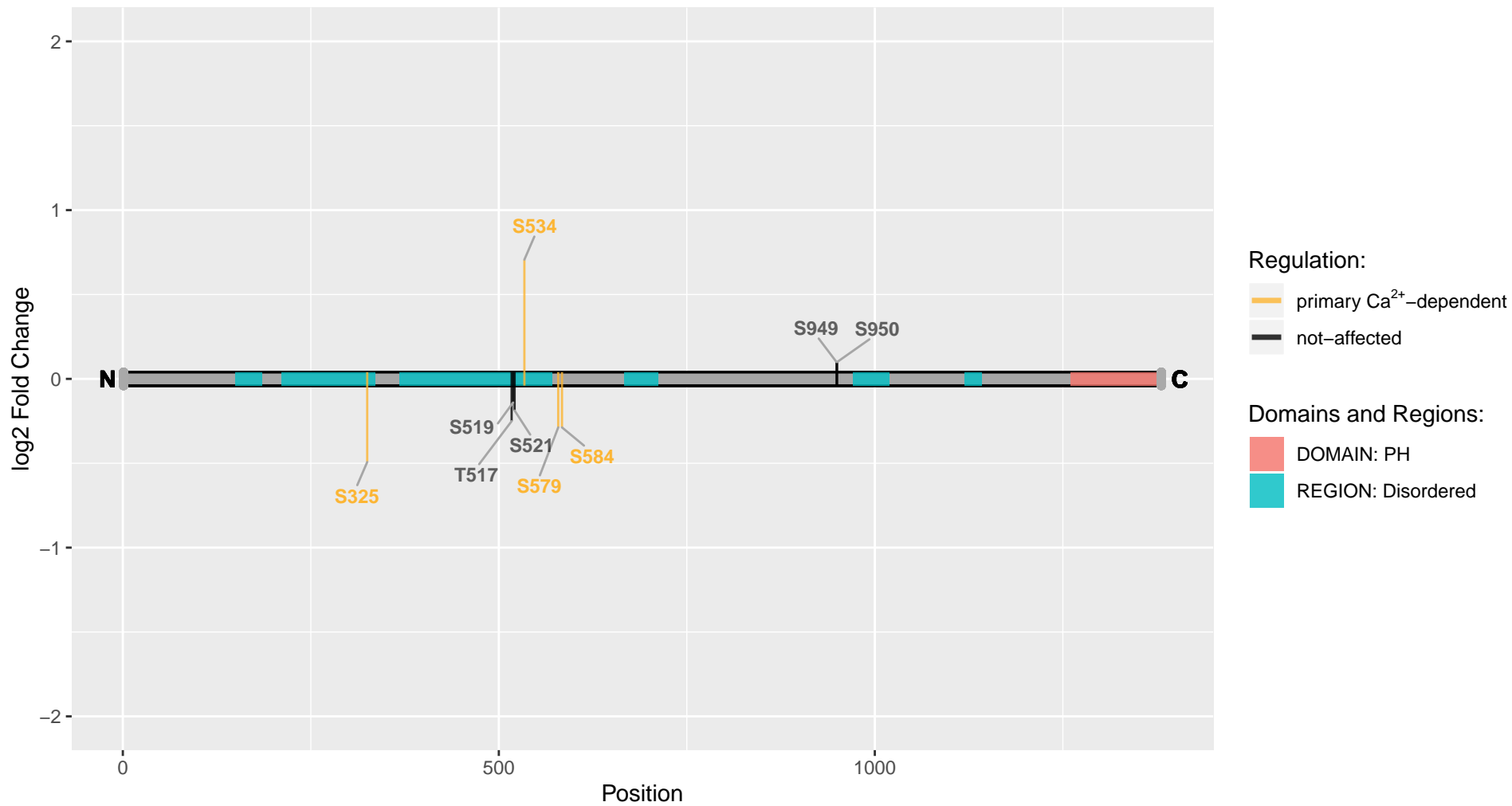
Phosphorylase b kinase regulatory subunit



Phldb1

Uniprot Accession: D3ZNS1

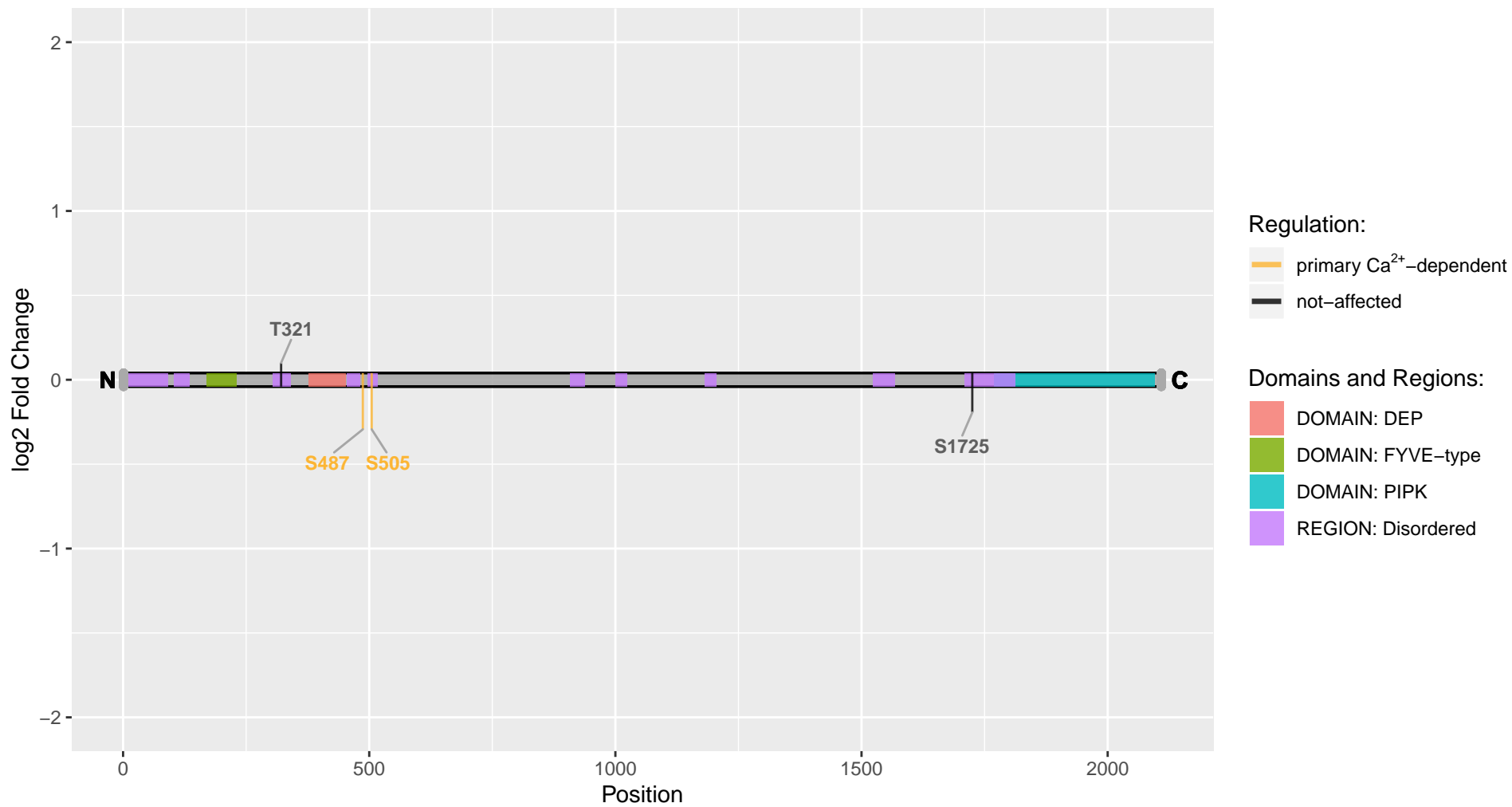
Pleckstrin homology-like domain family B member 1



Pikfyve

Uniprot Accession: D3ZYT8

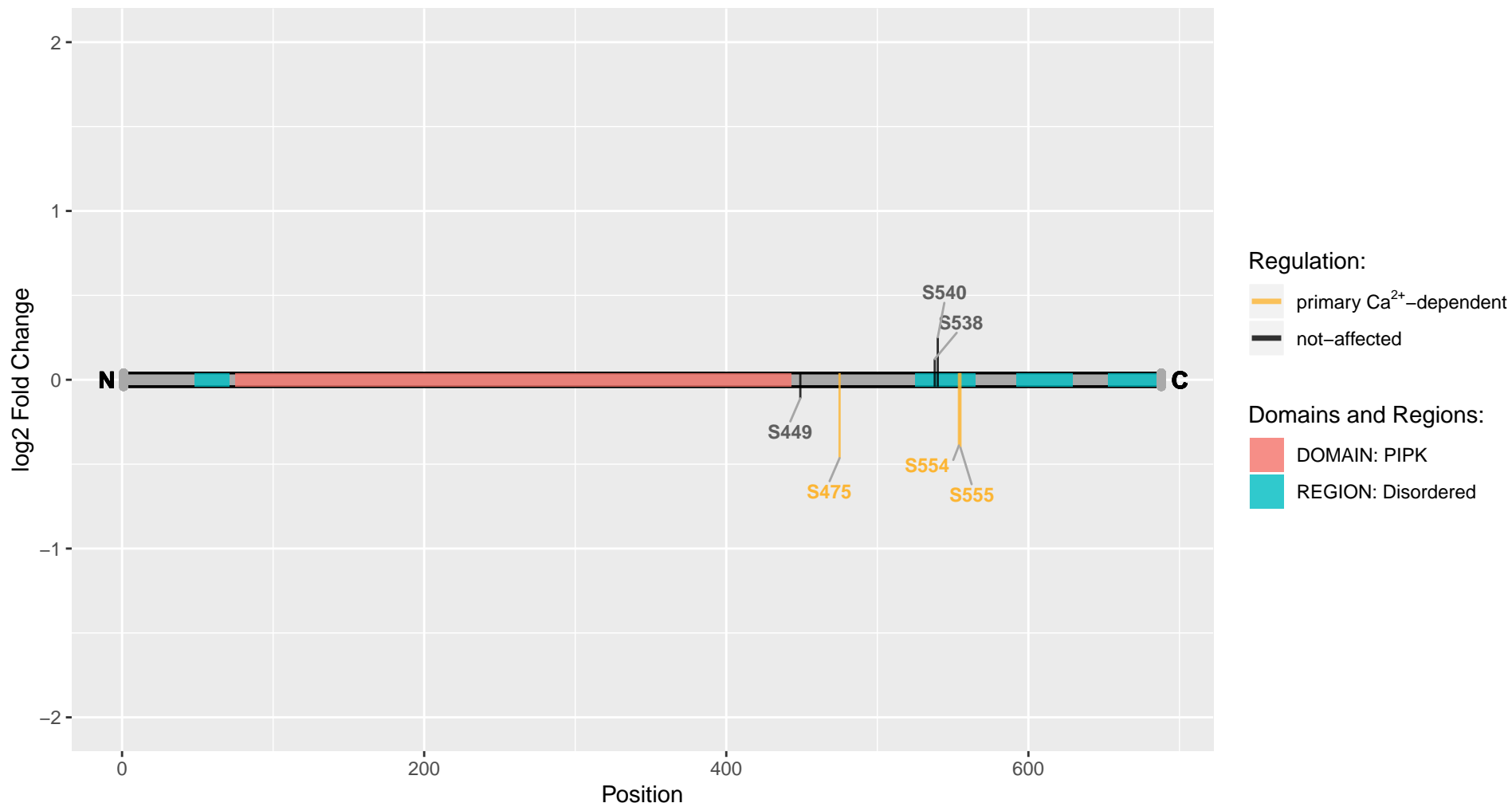
Phosphoinositide kinase, FYVE-type zinc finger-containing



Pip5k1c

Uniprot Accession: F1M8H6

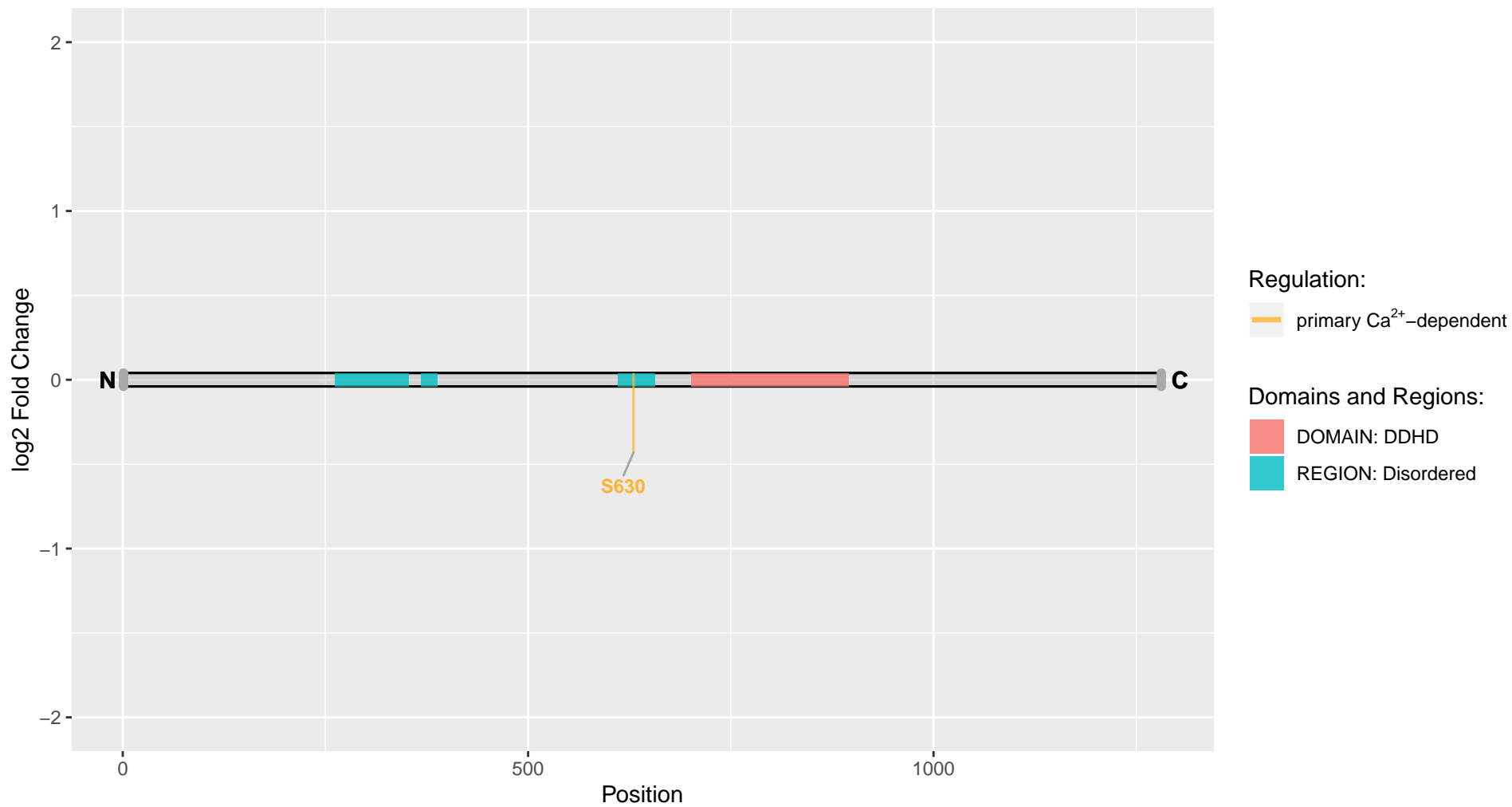
Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma



Pitpnm2

Uniprot Accession: F1LXD6

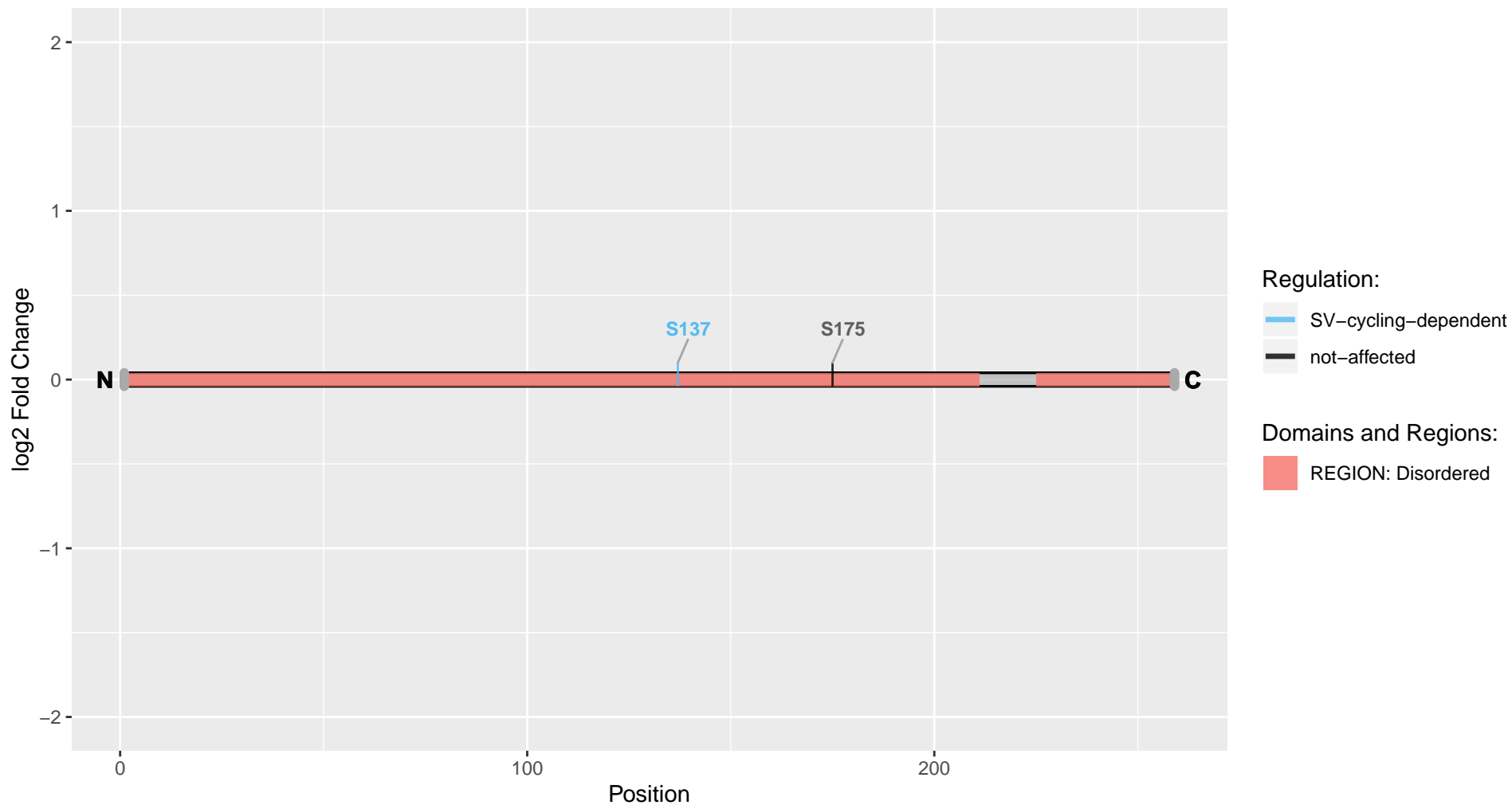
Phosphatidylinositol transfer protein, membrane-associated 2



Pja1

Uniprot Accession: A0A0U1RRV0

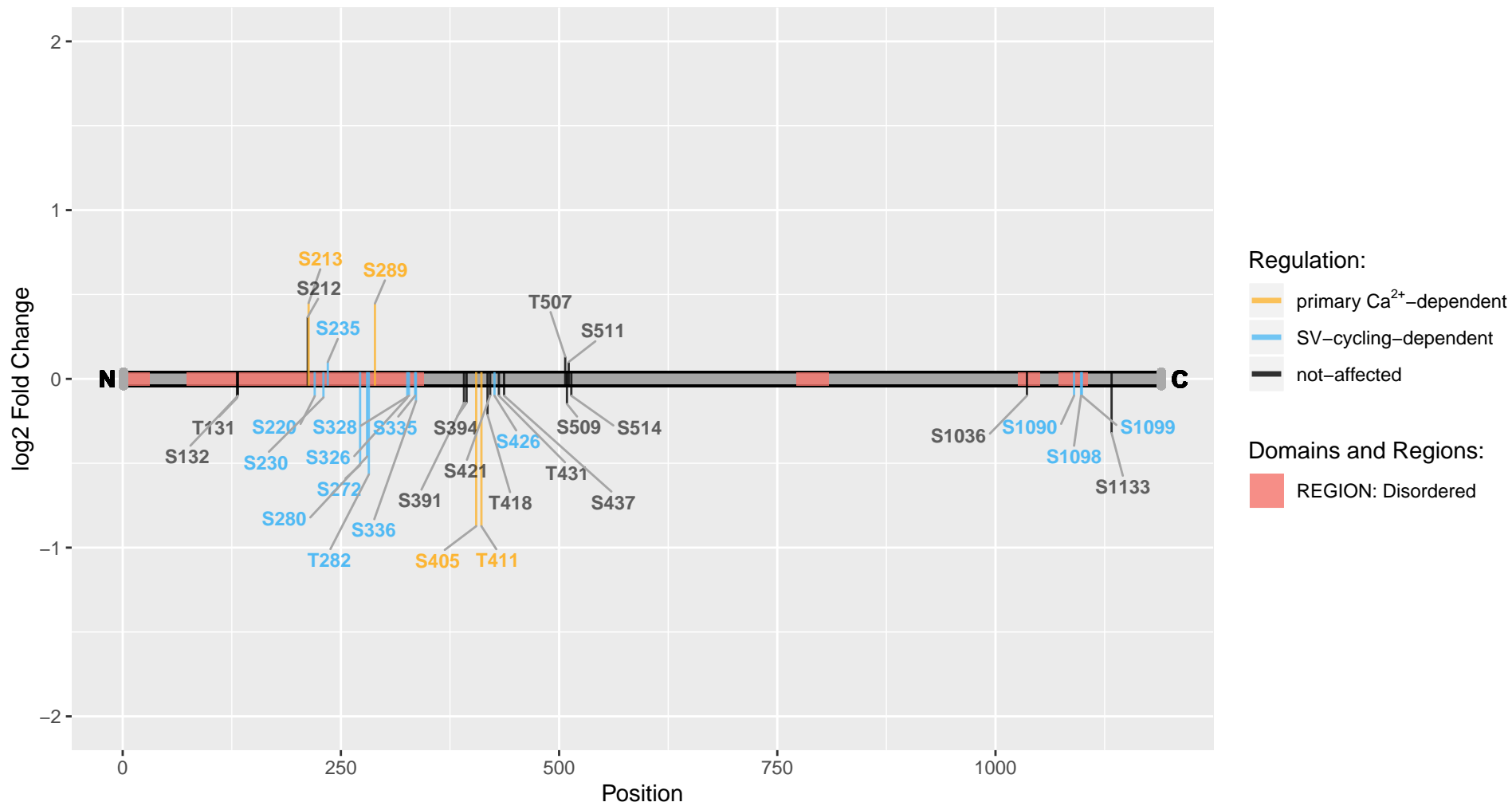
Praja ring finger ubiquitin ligase 1 (Fragment)



Pkp4

Uniprot Accession: F1M2K6

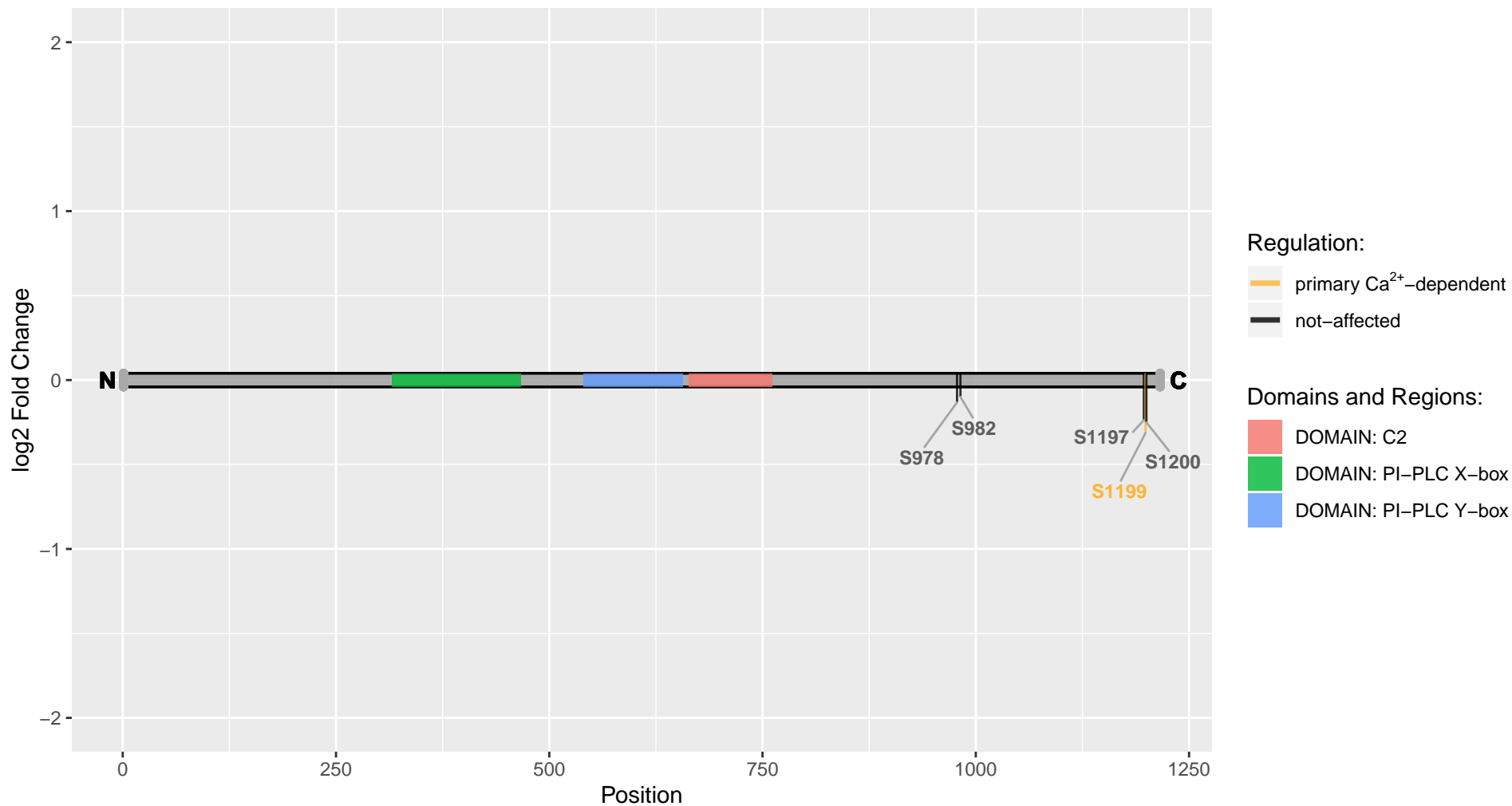
Plakophilin 4



Plcb1

Uniprot Accession: P10687

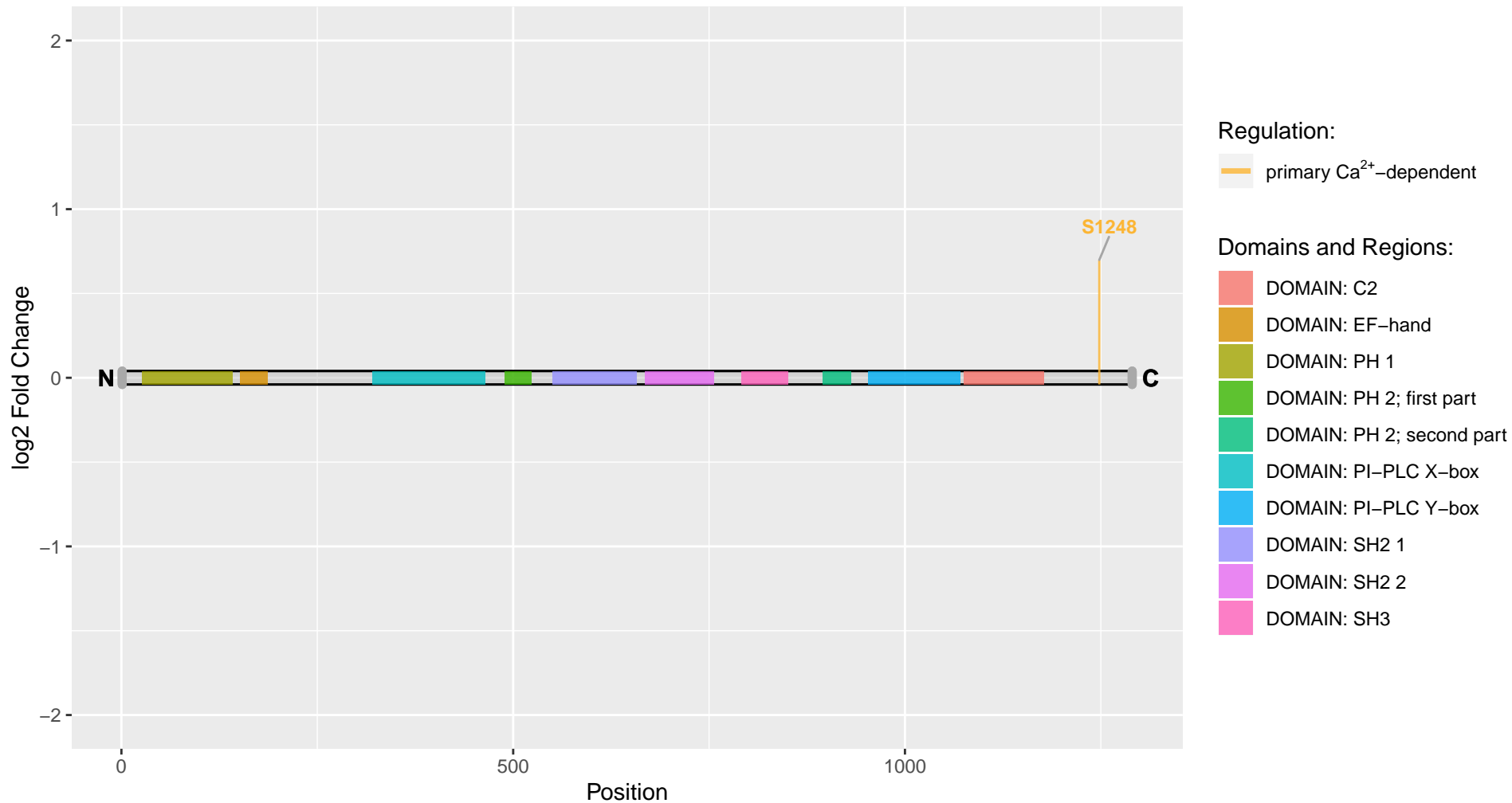
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1



Plcg1

Uniprot Accession: P10686

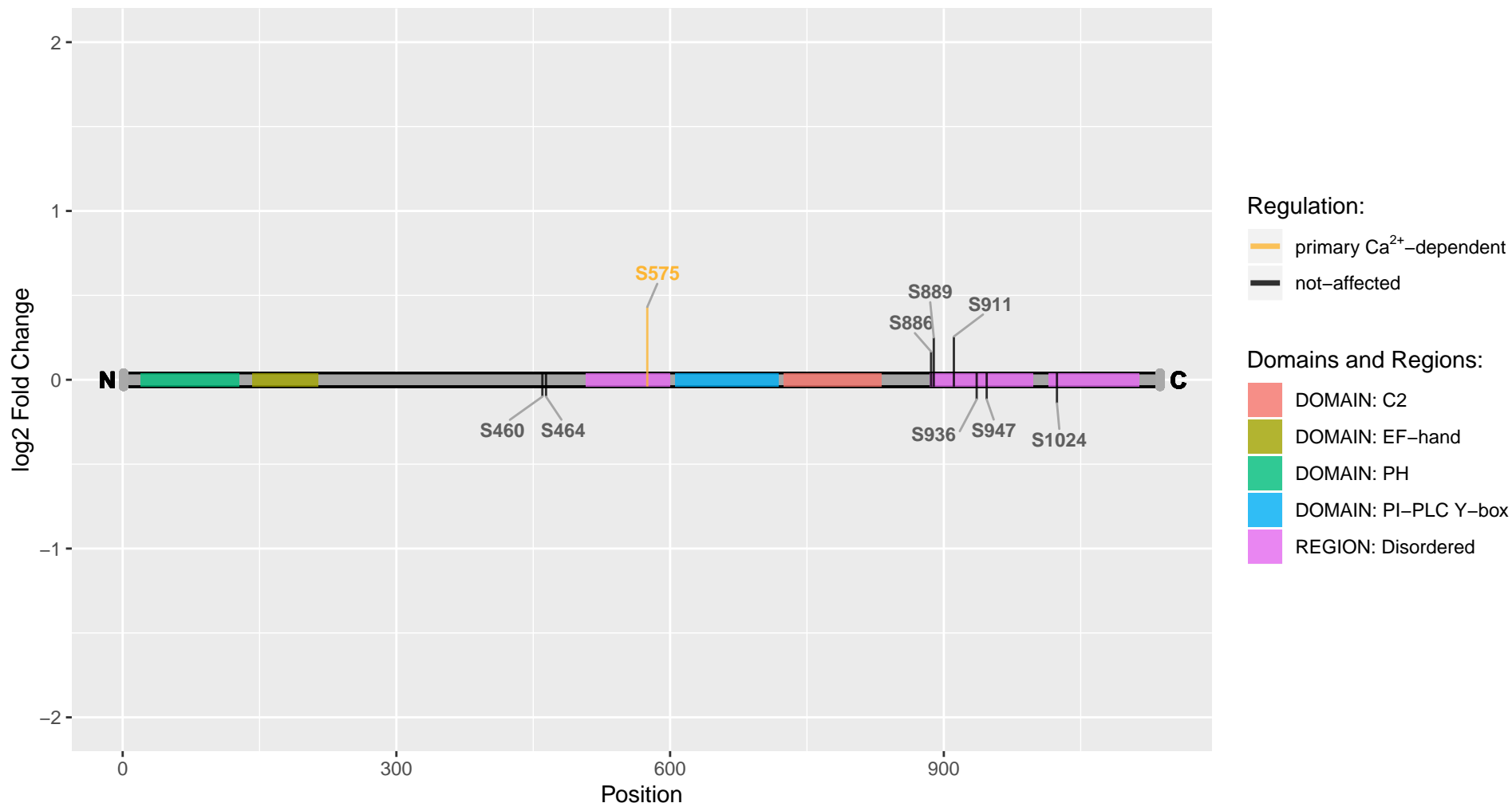
1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1



Plch2

Uniprot Accession: D4AAX6

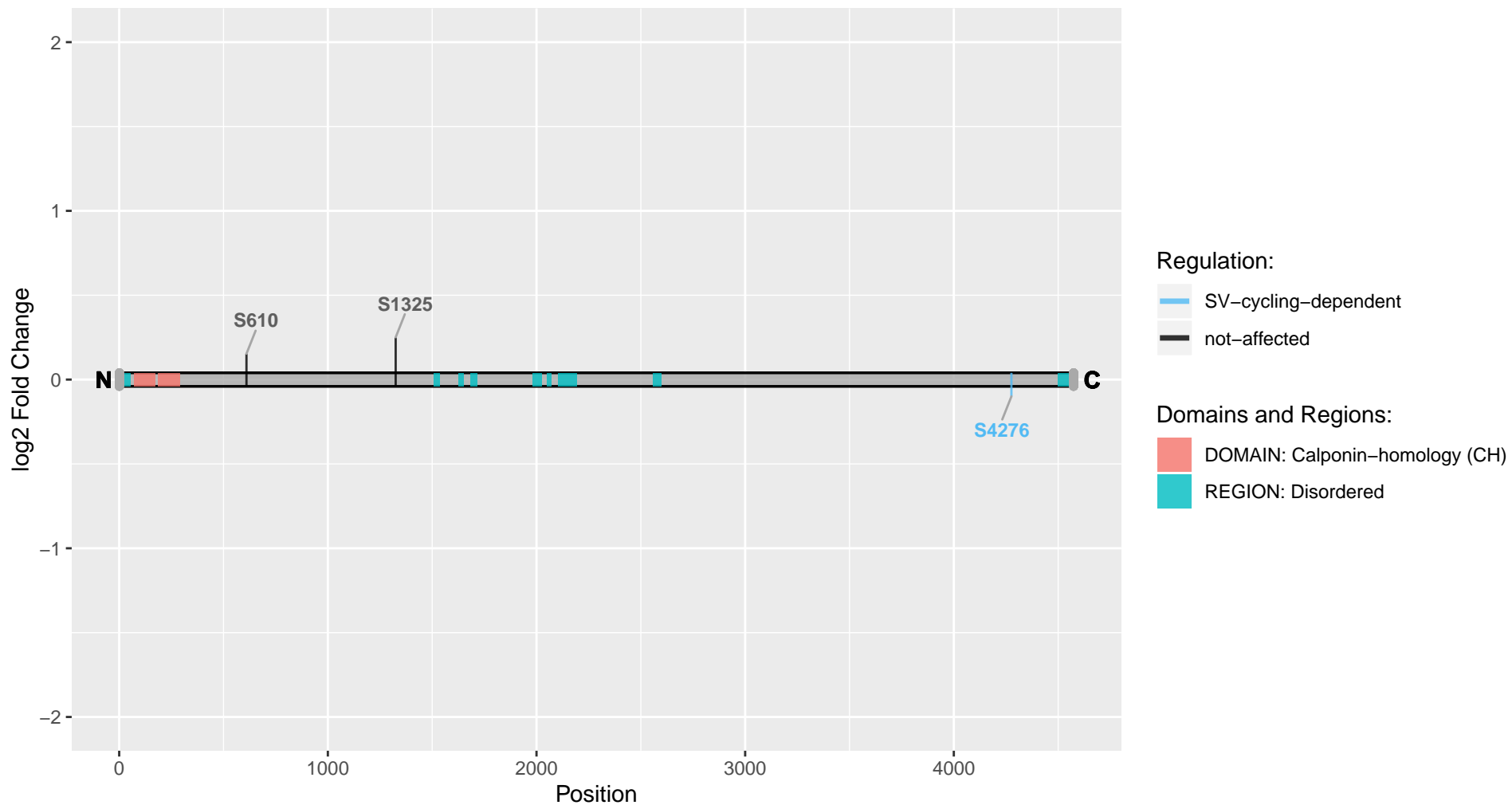
Phosphoinositide phospholipase C



Plec

Uniprot Accession: Q6S3A5

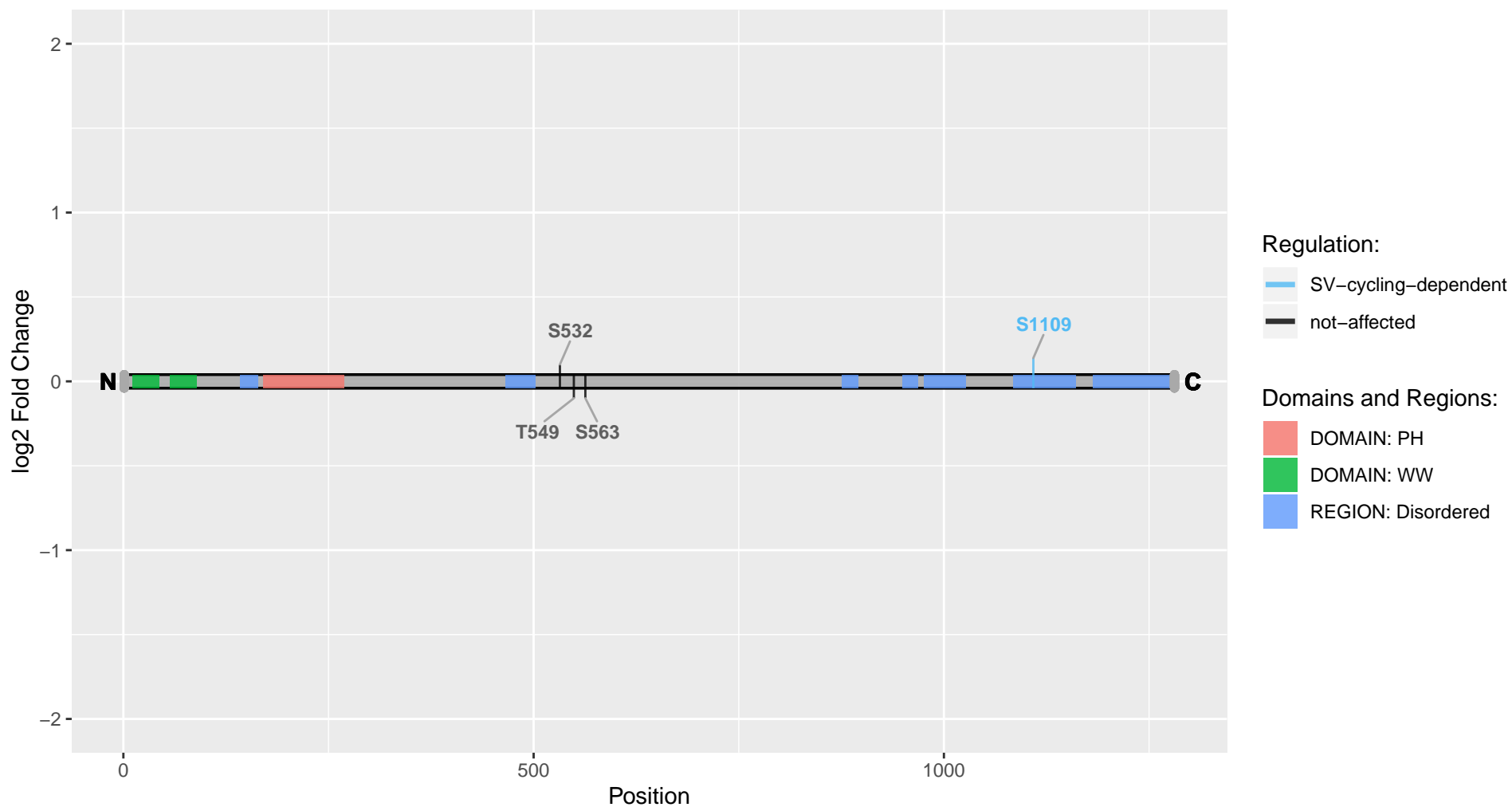
Plectin



Plekha5

Uniprot Accession: E9PTG5

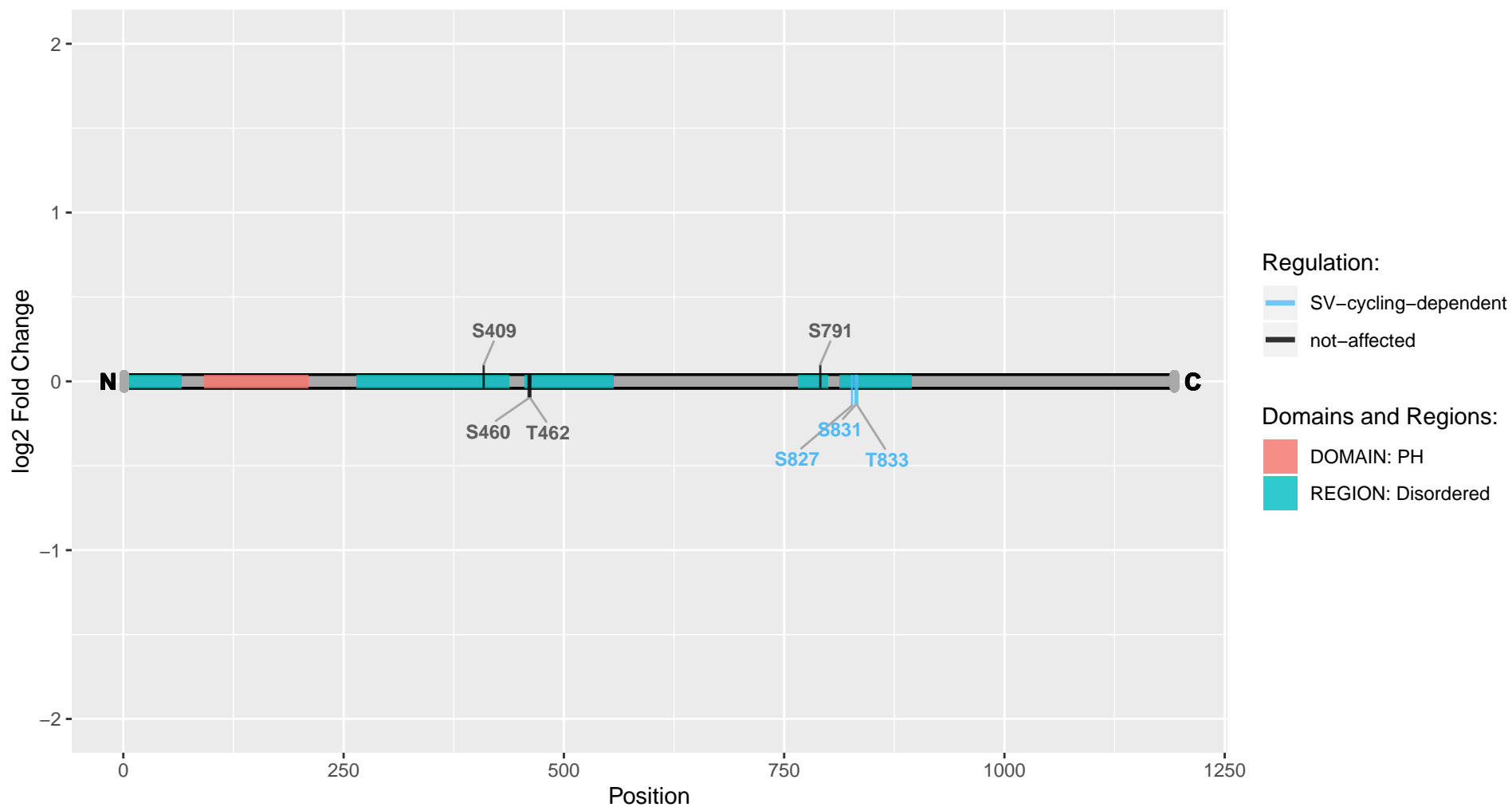
Pleckstrin homology domain-containing A5



Plekha7

Uniprot Accession: A0A0G2K6Z8

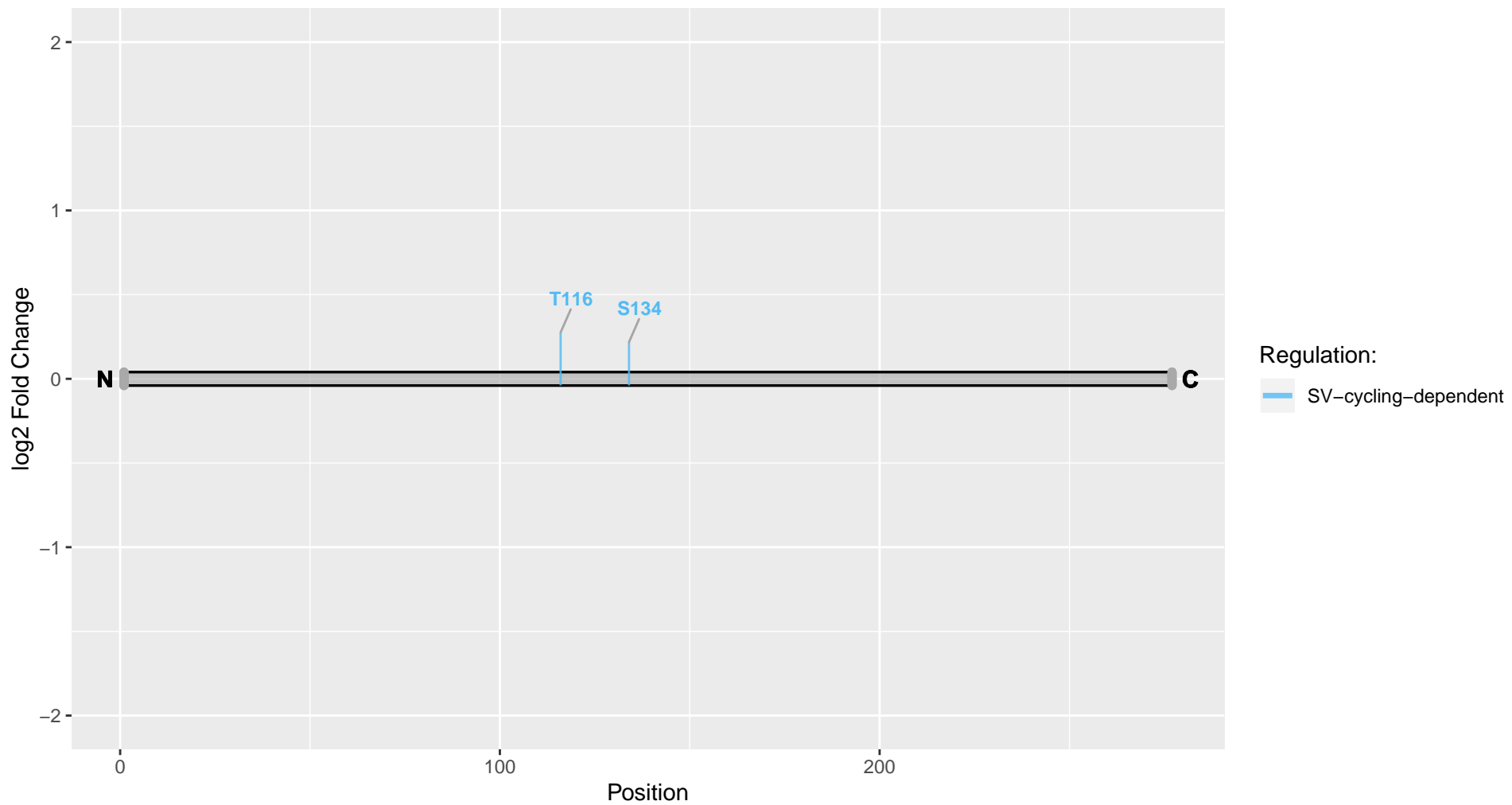
Pleckstrin homology domain-containing A7



Plp1

Uniprot Accession: P60203

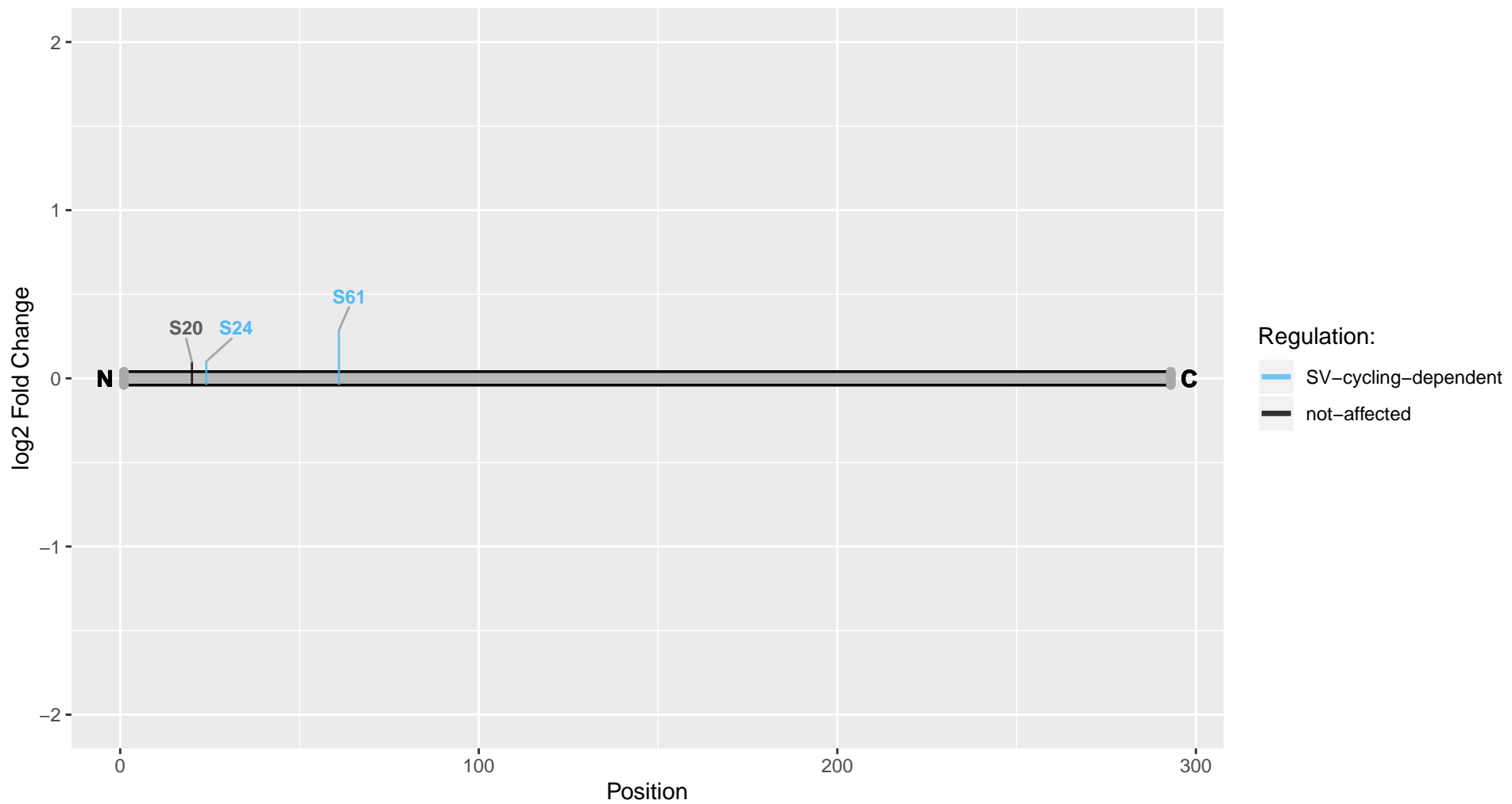
Myelin proteolipid protein



Plpp6

Uniprot Accession: Q66H88

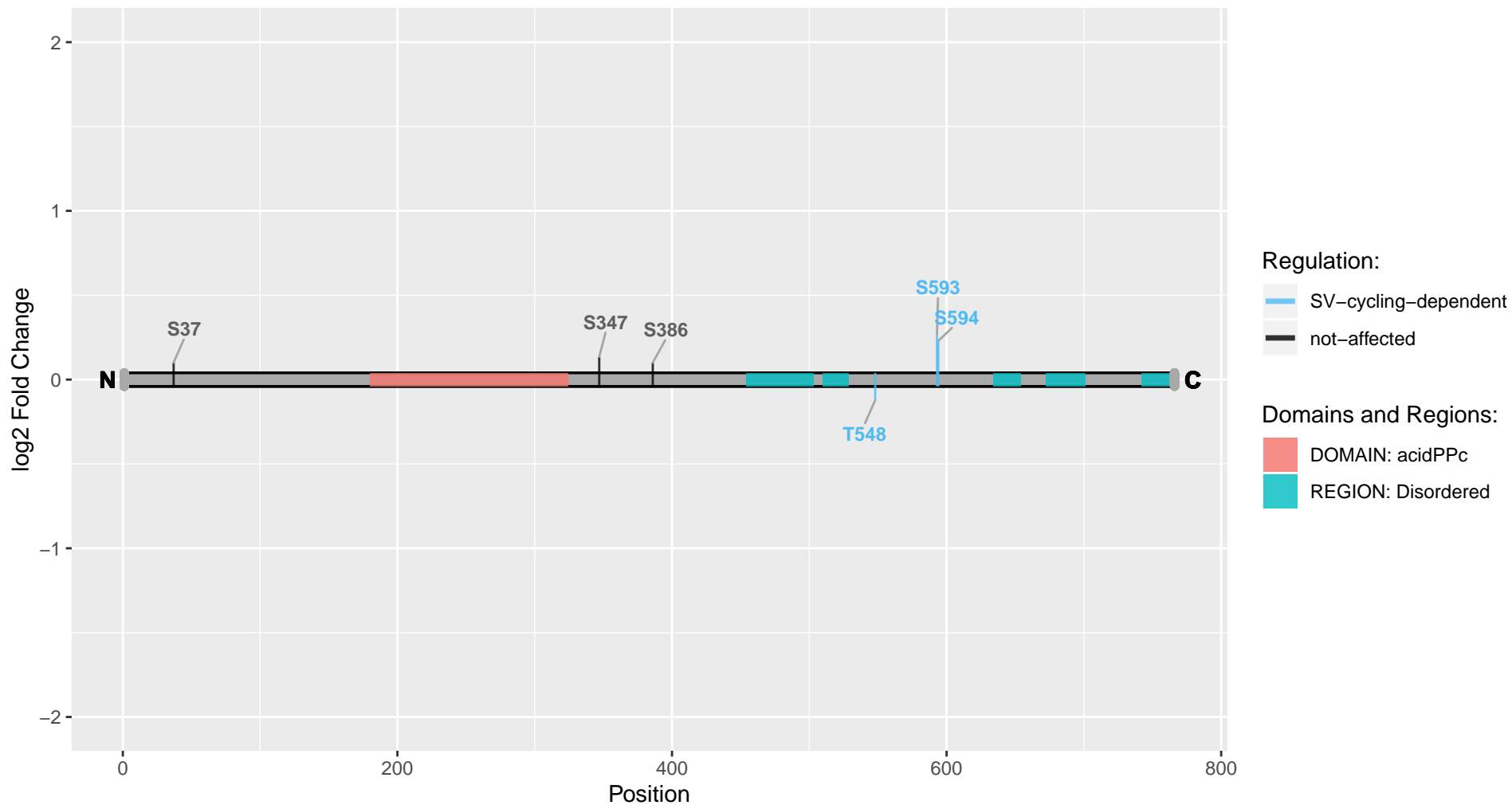
Phospholipid phosphatase 6



Plppr4

Uniprot Accession: G3V864

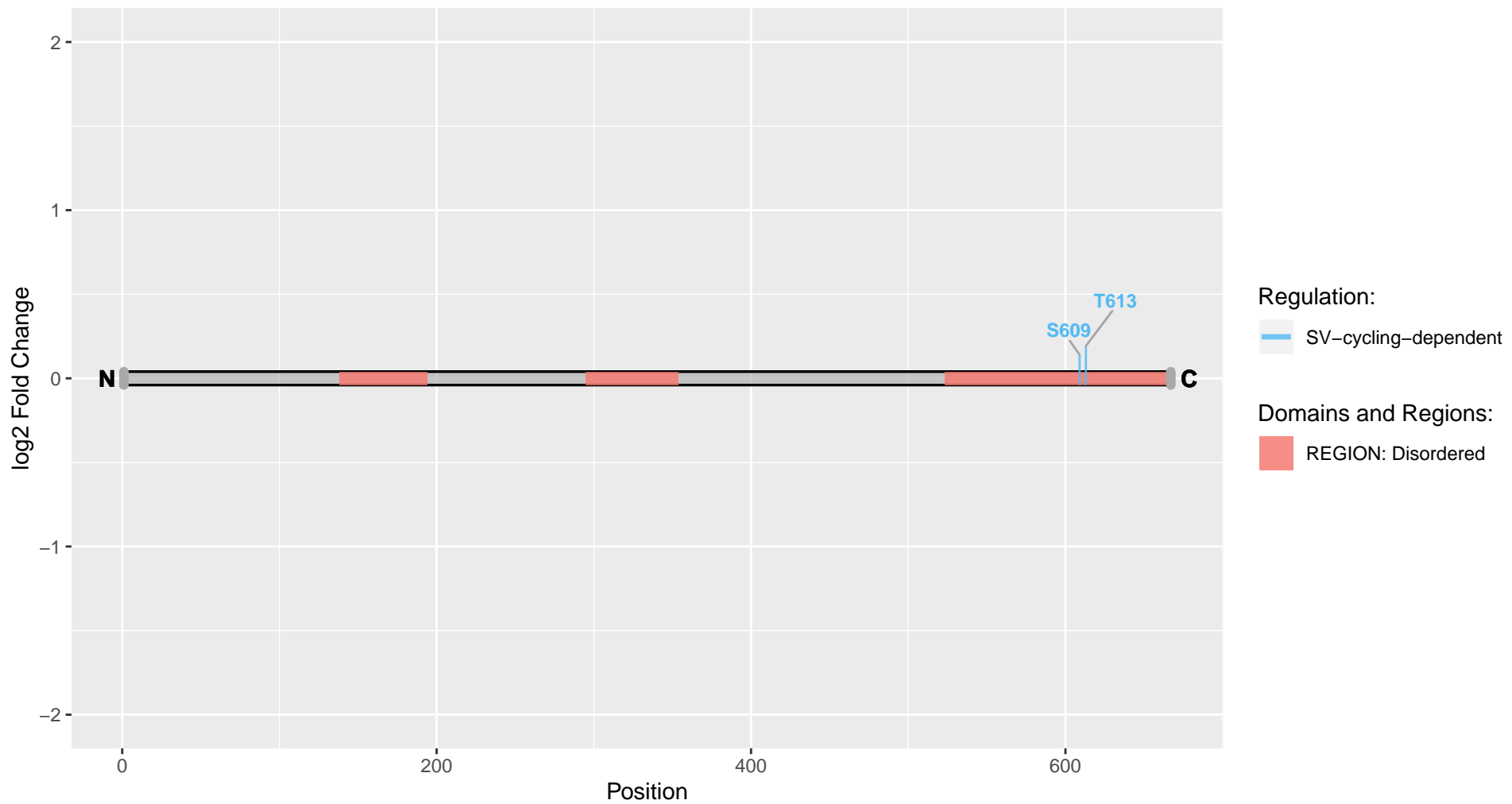
Phospholipid phosphatase-related protein type 4



Pnma8b

Uniprot Accession: D3ZQN3

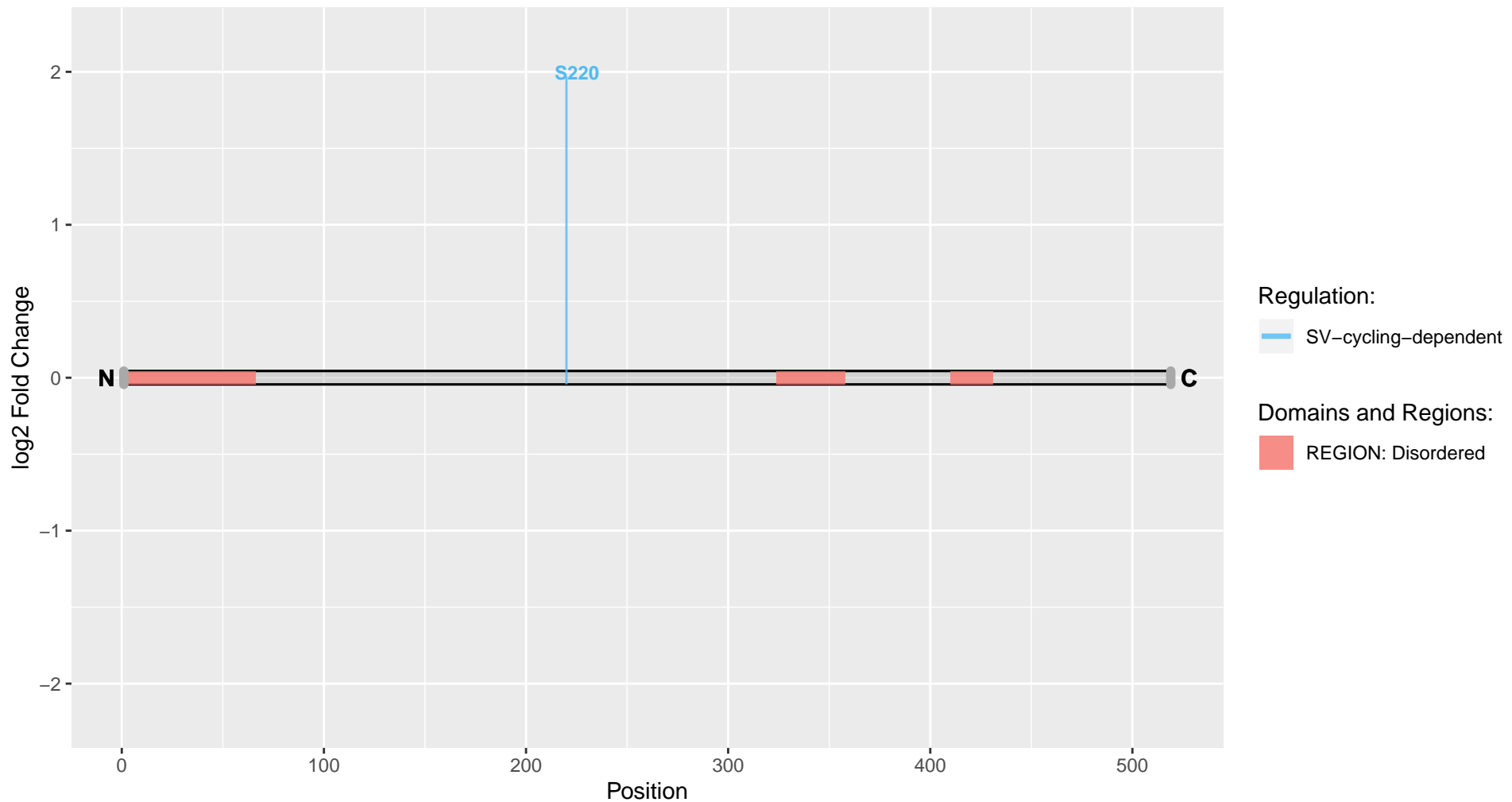
PNMA family member 8B



Pom12112

Uniprot Accession: D3ZGH9

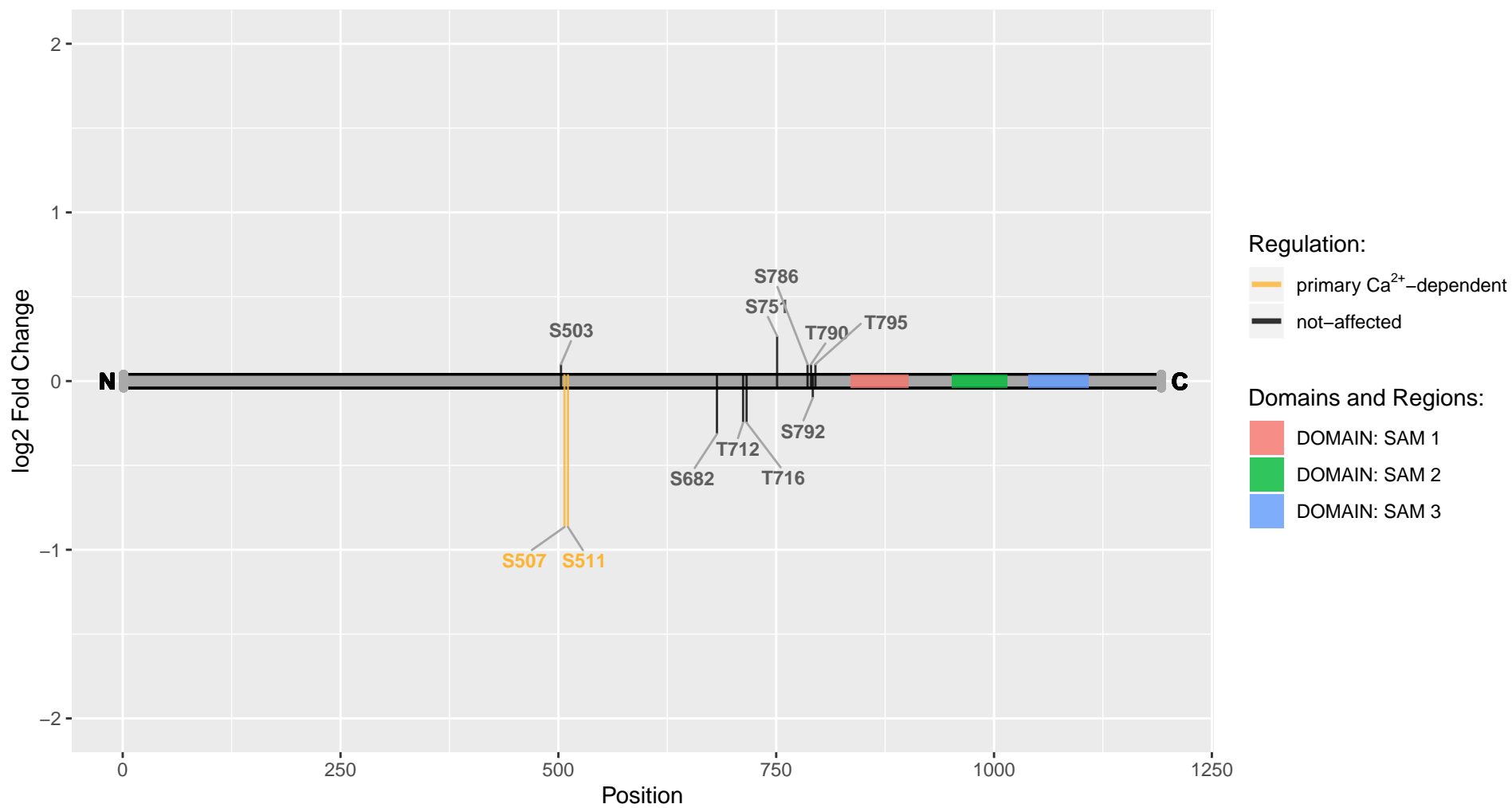
POM121 transmembrane nucleoporin-like 2



Ppfia3

Uniprot Accession: Q91Z79

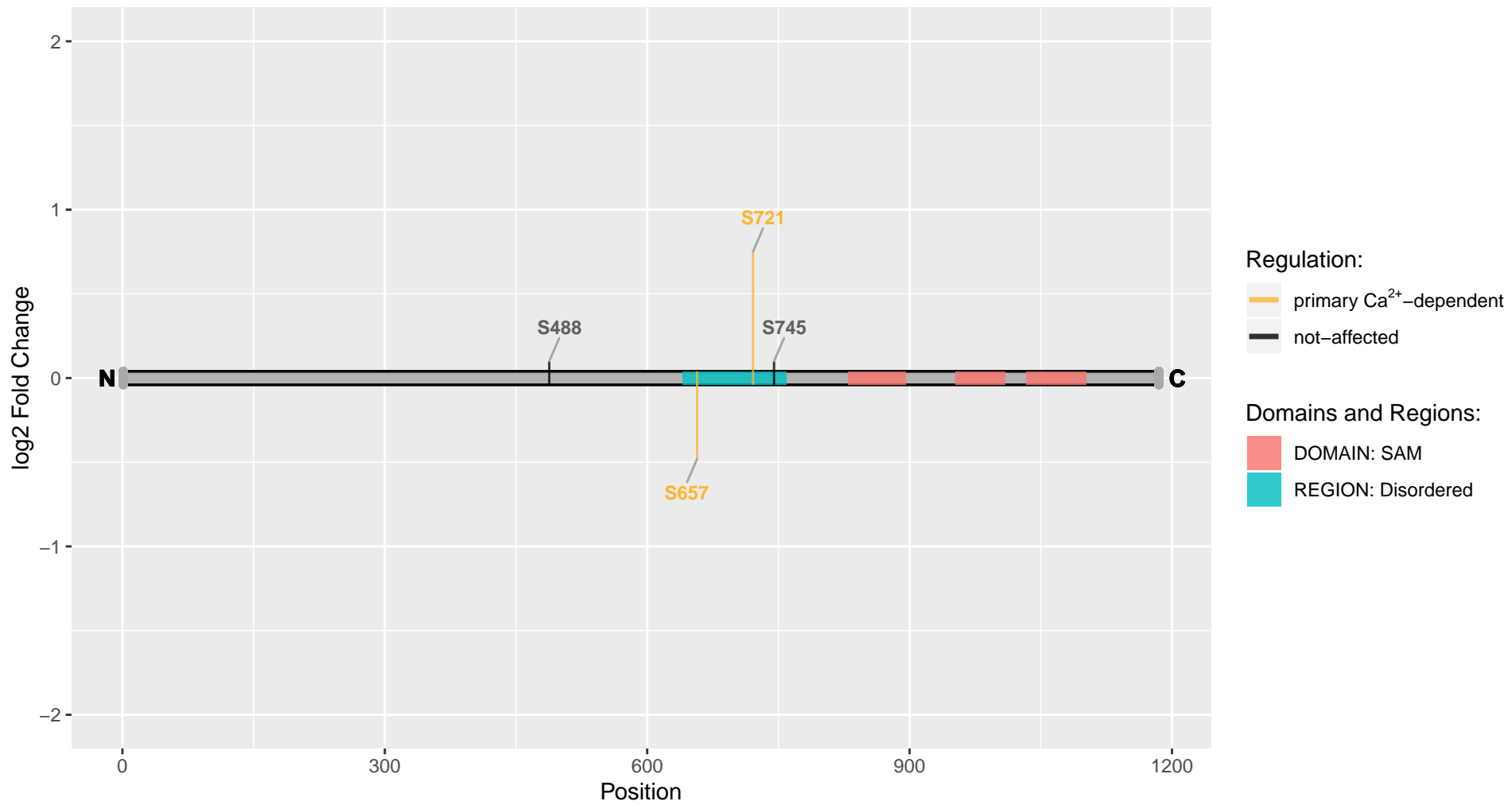
Liprin- α -3



Ppfia4

Uniprot Accession: F1M863

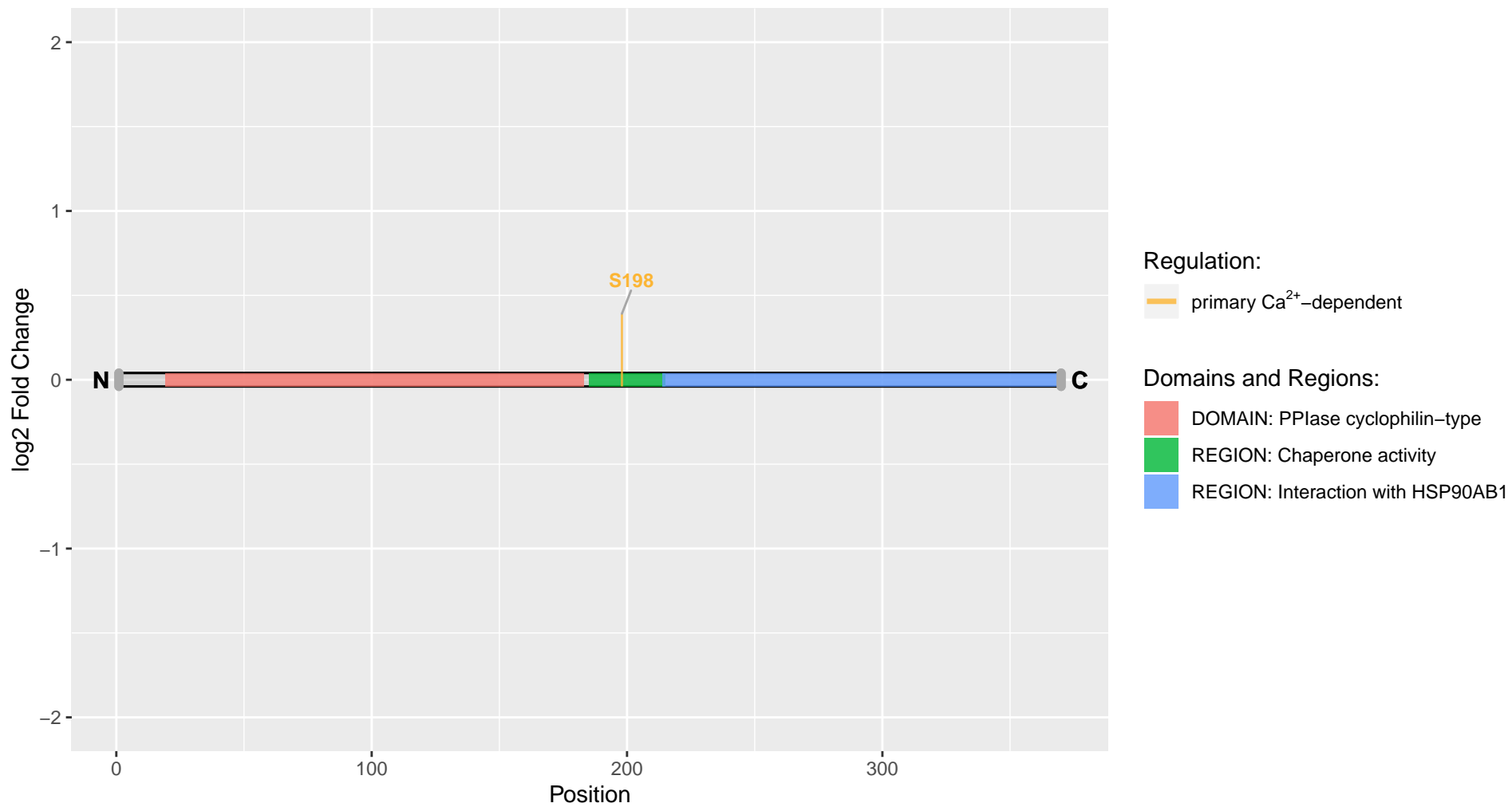
Liprin-alpha-4



Ppid

Uniprot Accession: Q6DGG0

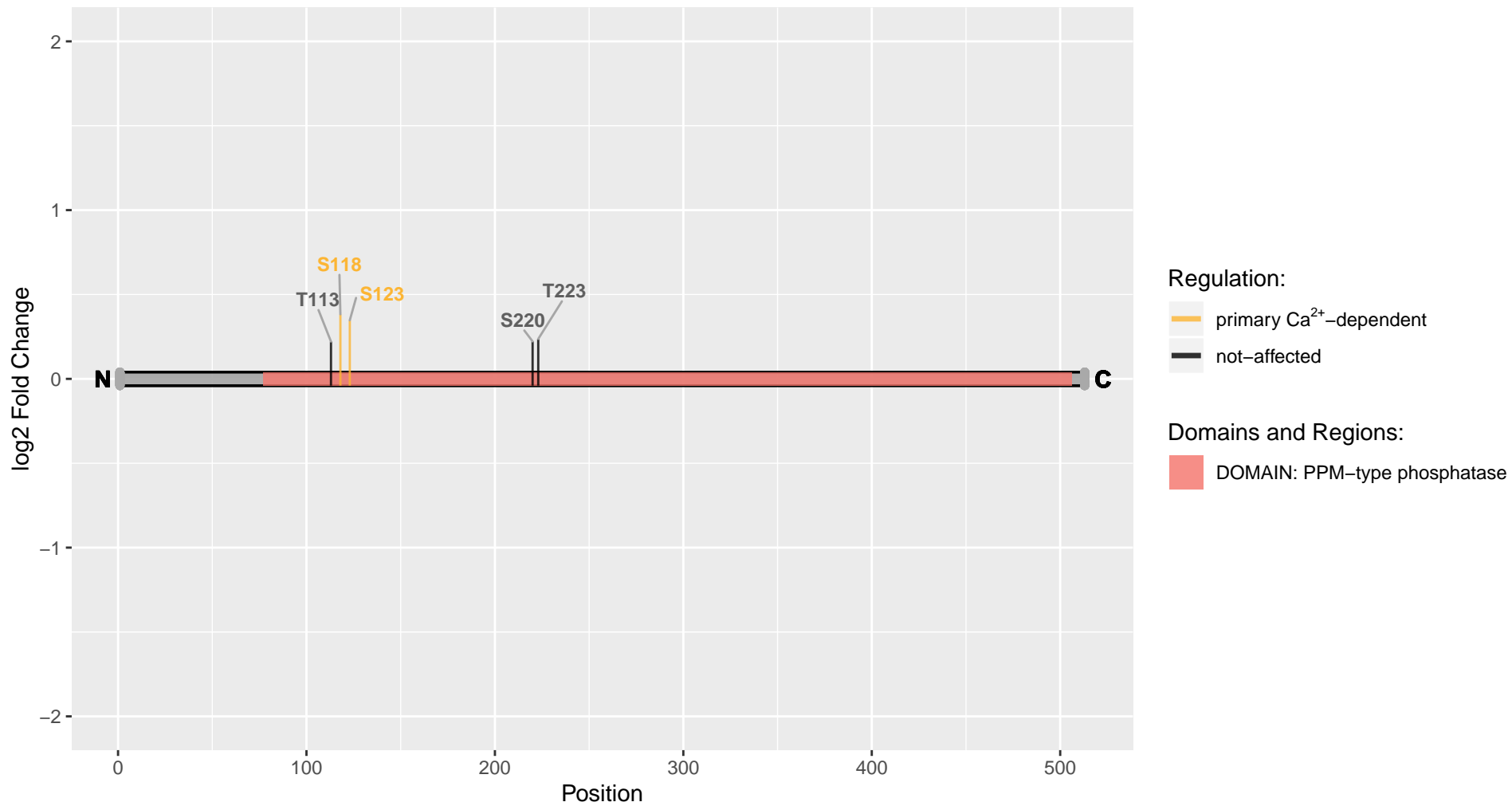
Peptidyl-prolyl cis-trans isomerase D



Ppm1h

Uniprot Accession: Q5M821

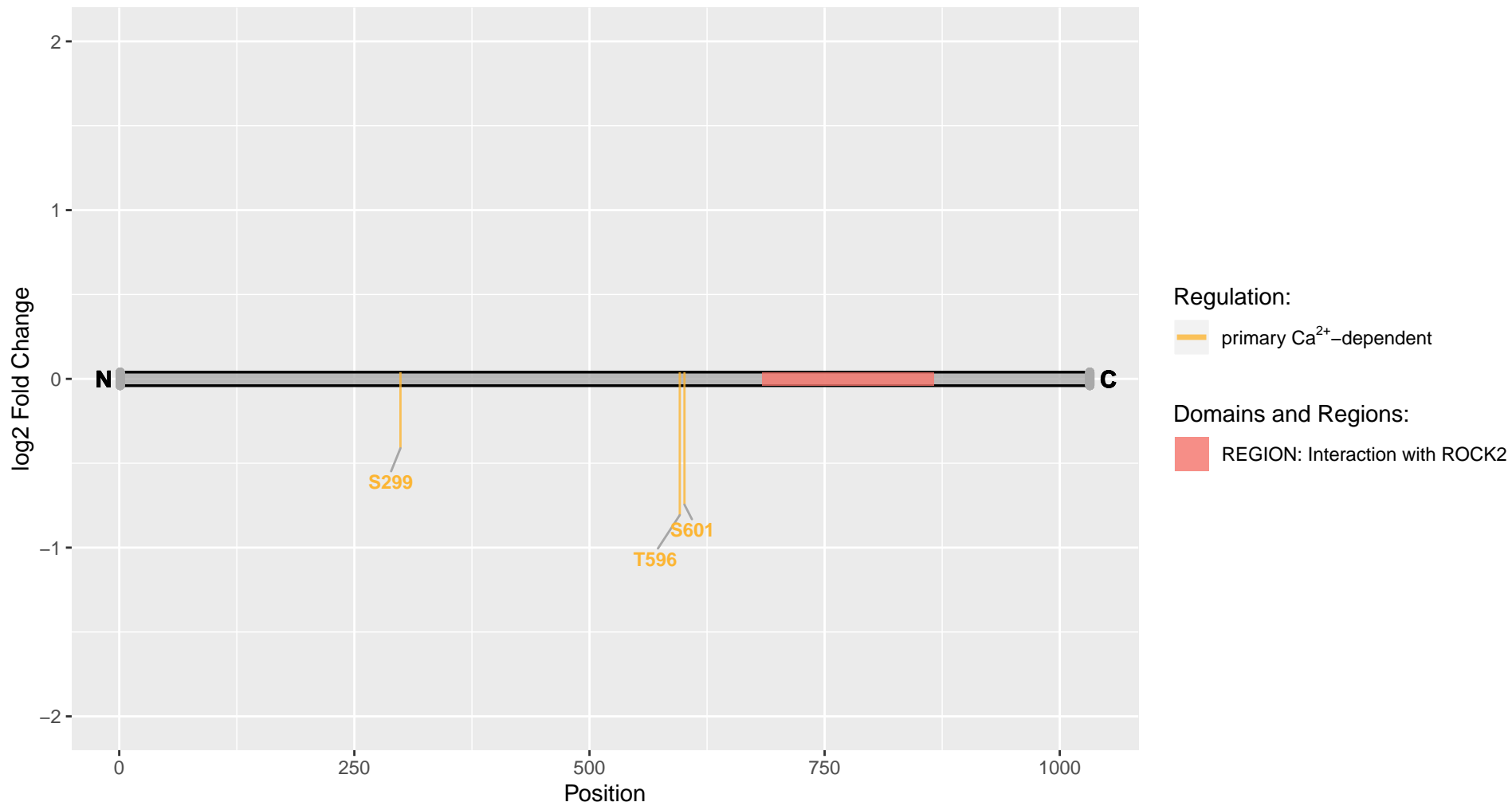
Protein phosphatase 1H



Ppp1r12a

Uniprot Accession: Q10728

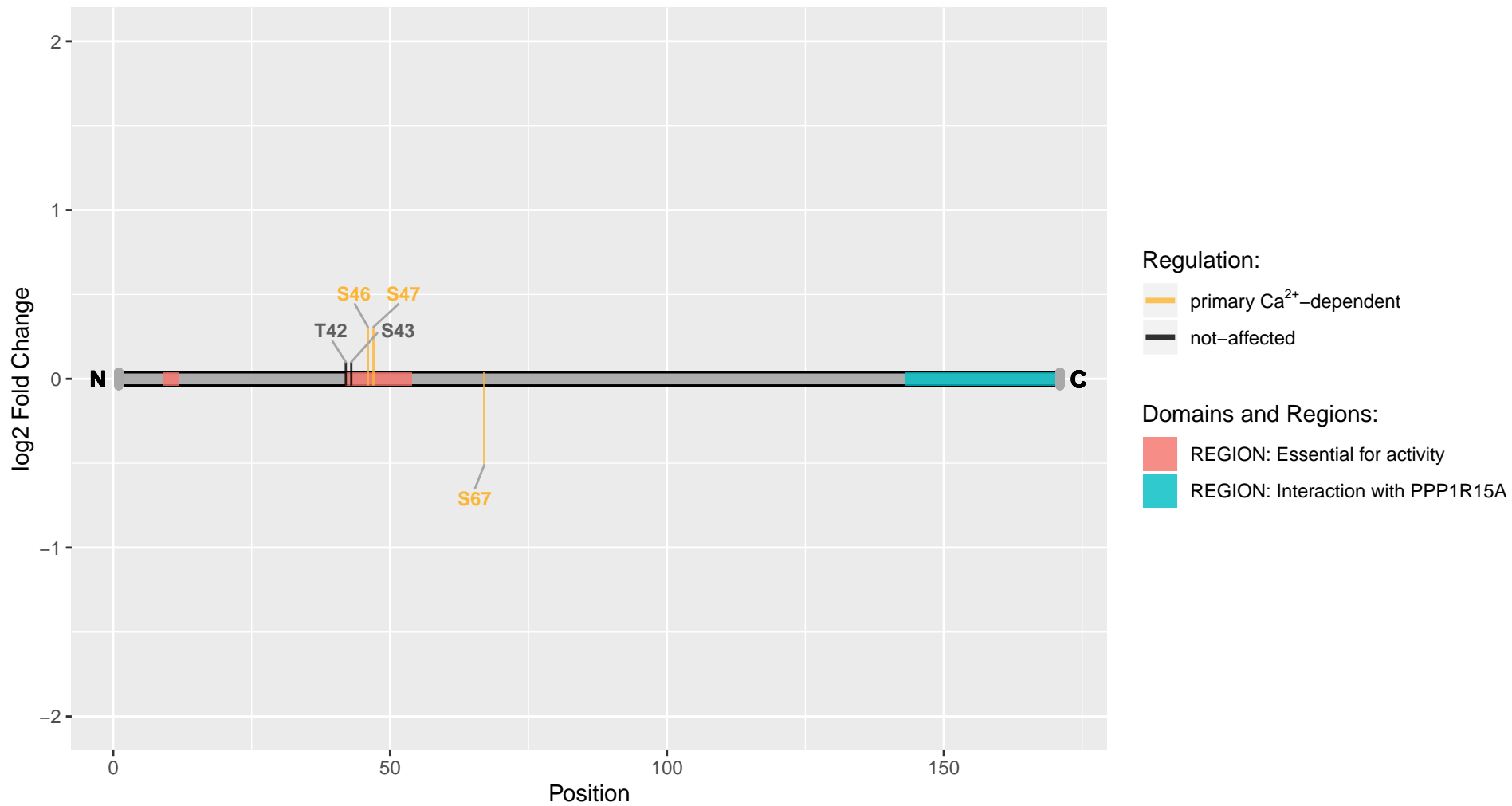
Protein phosphatase 1 regulatory subunit 12A



Ppp1r1a

Uniprot Accession: P19103

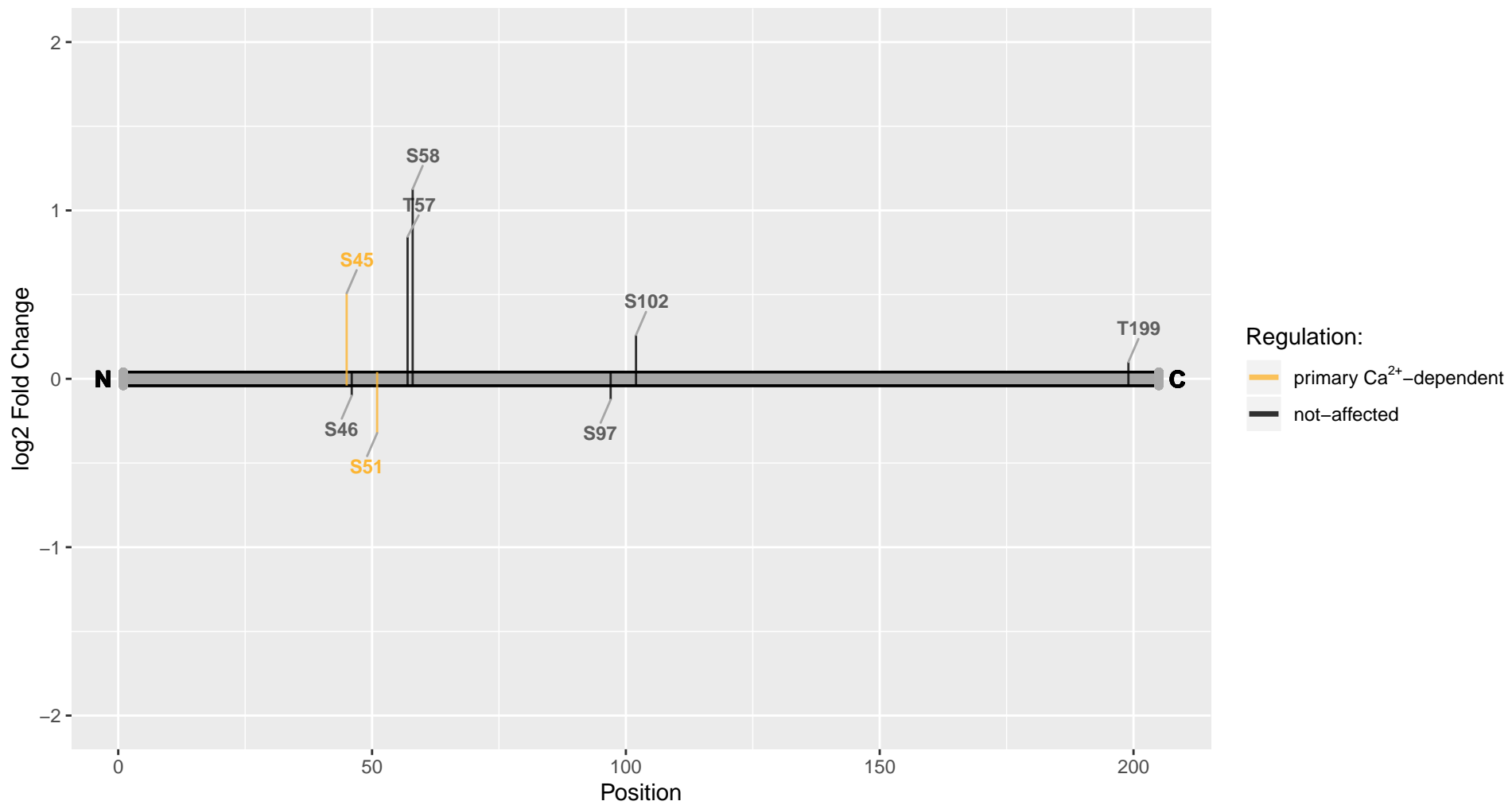
Protein phosphatase 1 regulatory subunit 1A



Ppp1r1b

Uniprot Accession: Q6J4I0

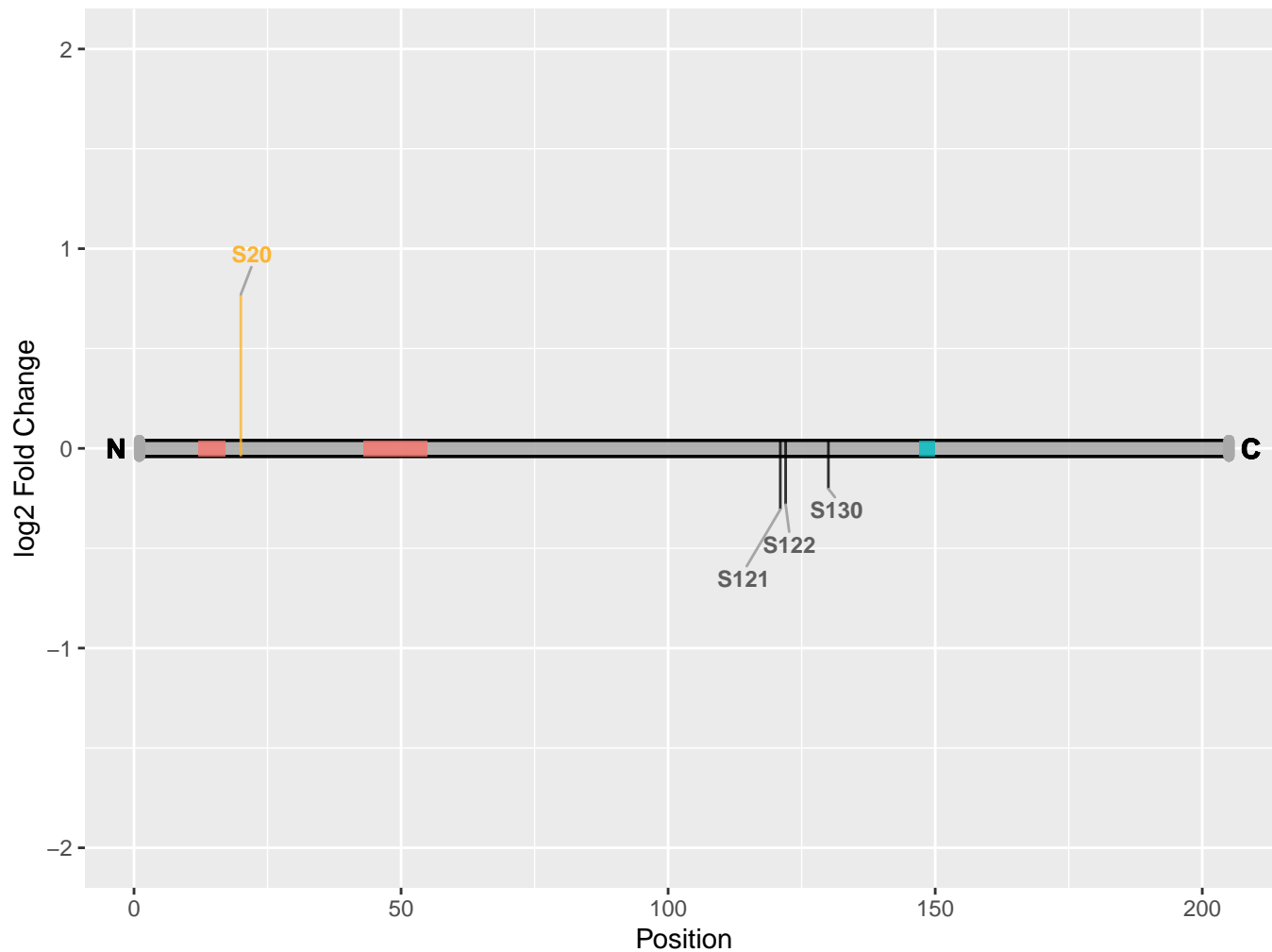
Protein phosphatase 1 regulatory subunit 1B



Ppp1r2

Uniprot Accession: P50411

Protein phosphatase inhibitor 2



Regulation:

- primary Ca²⁺-dependent
- not-affected

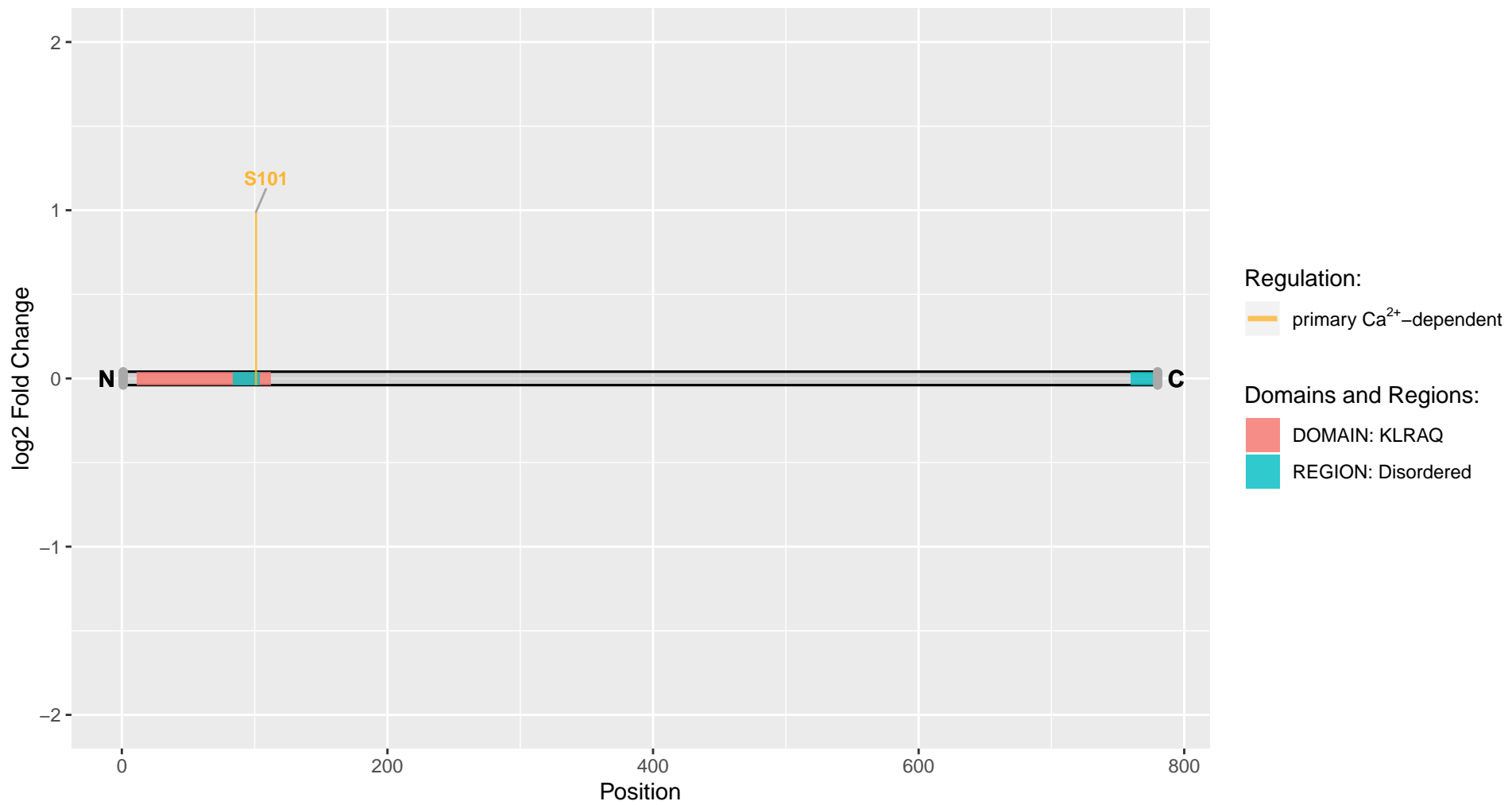
Domains and Regions:

- 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

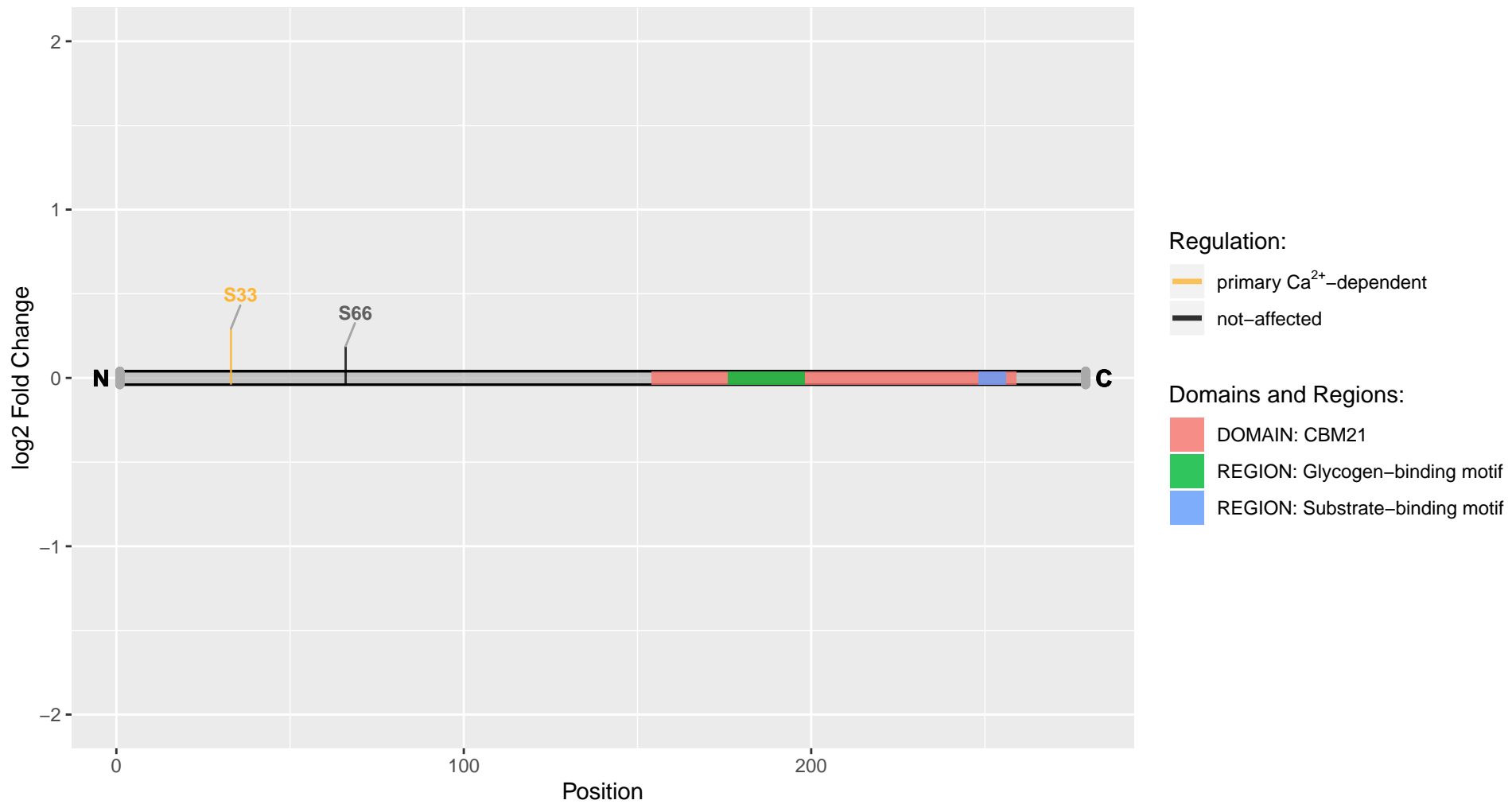
Protein phosphatase 1, regulatory subunit 21



Ppp1r3e

Uniprot Accession: P0C7L8

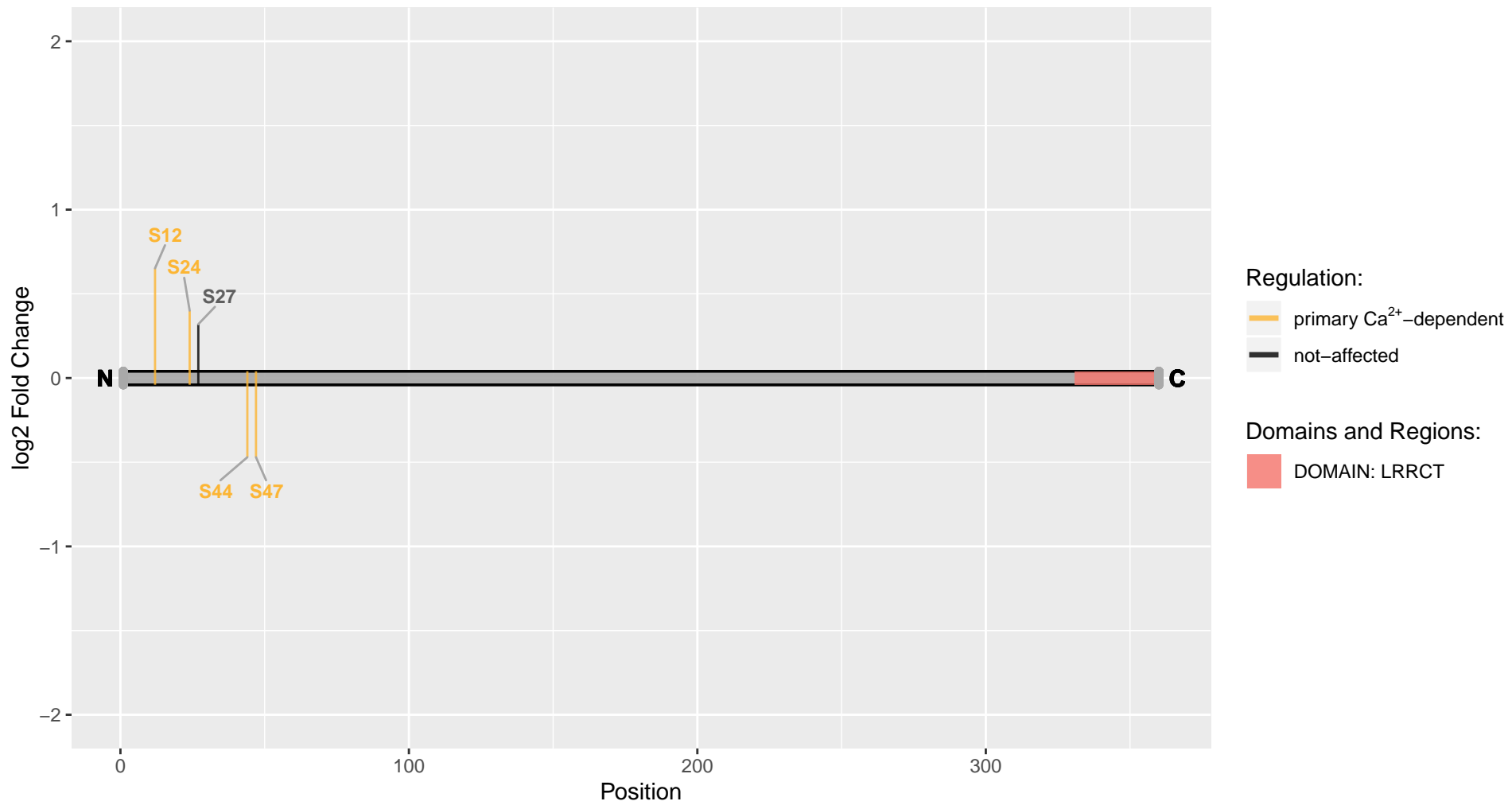
Protein phosphatase 1 regulatory subunit 3E



Ppp1r7

Uniprot Accession: Q5HZV9

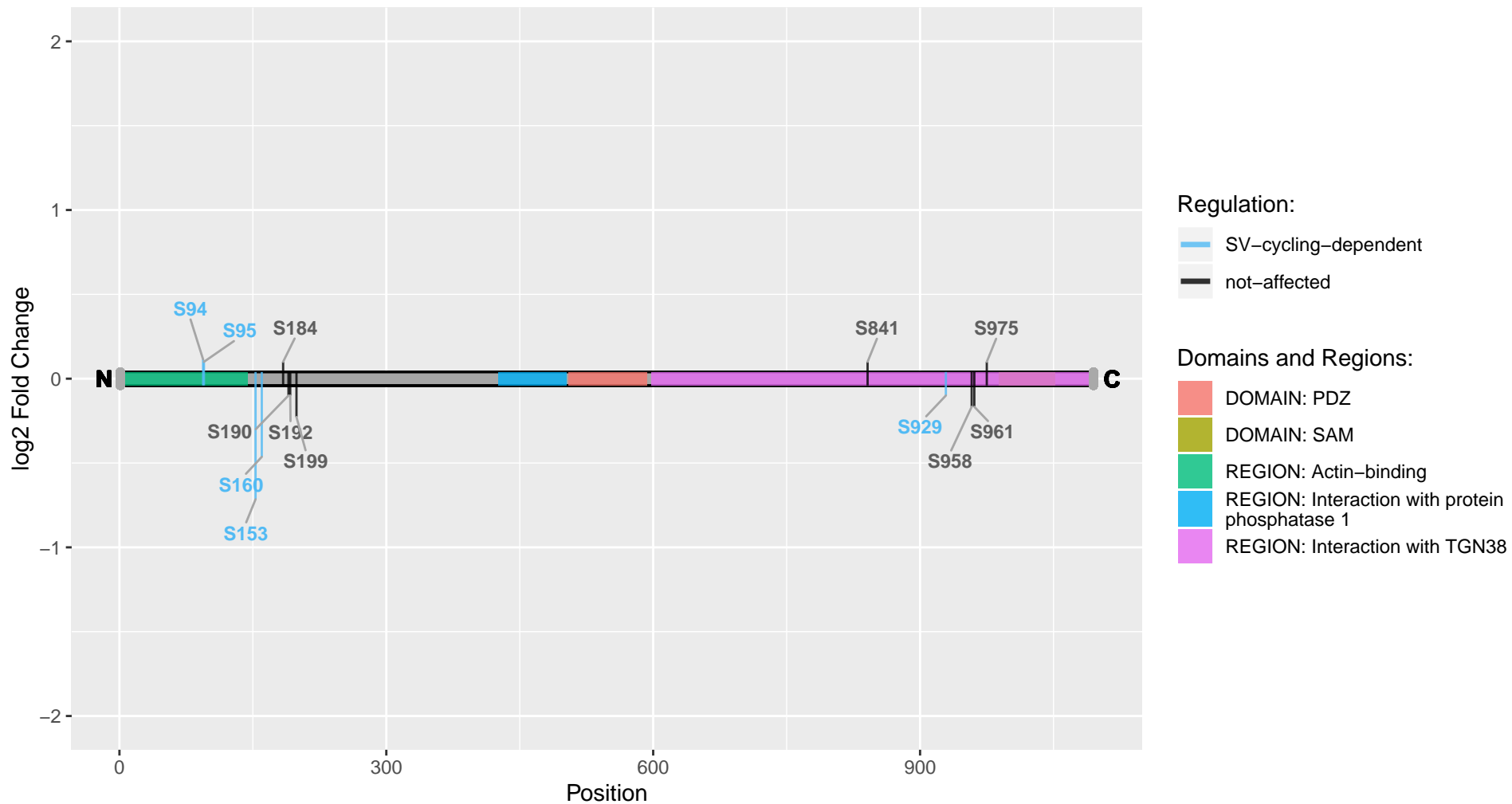
Protein phosphatase 1 regulatory subunit 7



Ppp1r9a

Uniprot Accession: O35867

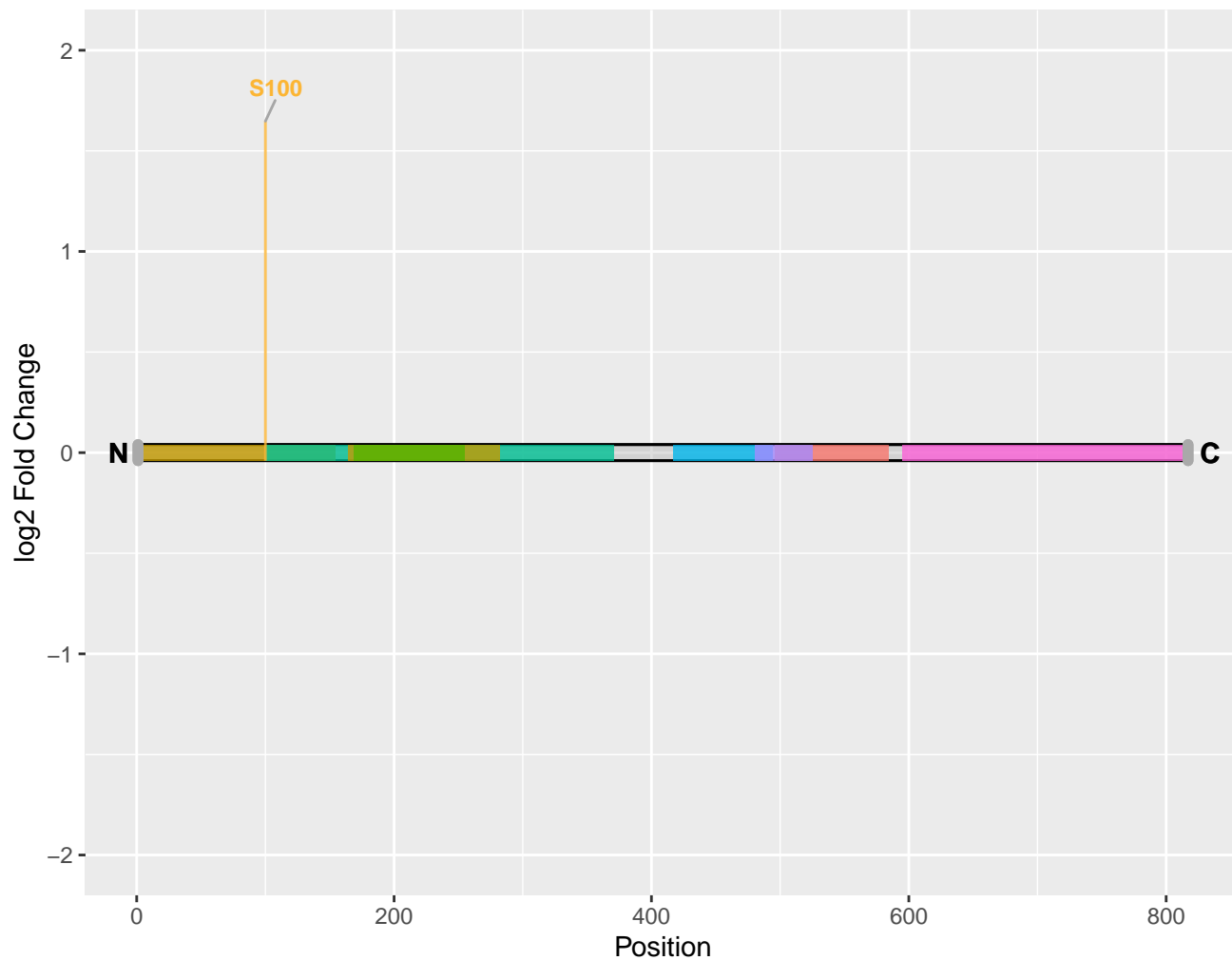
Neurabin-1



Ppp1r9b

Uniprot Accession: O35274

Neurabin-2



Regulation:

primary Ca²⁺-dependent

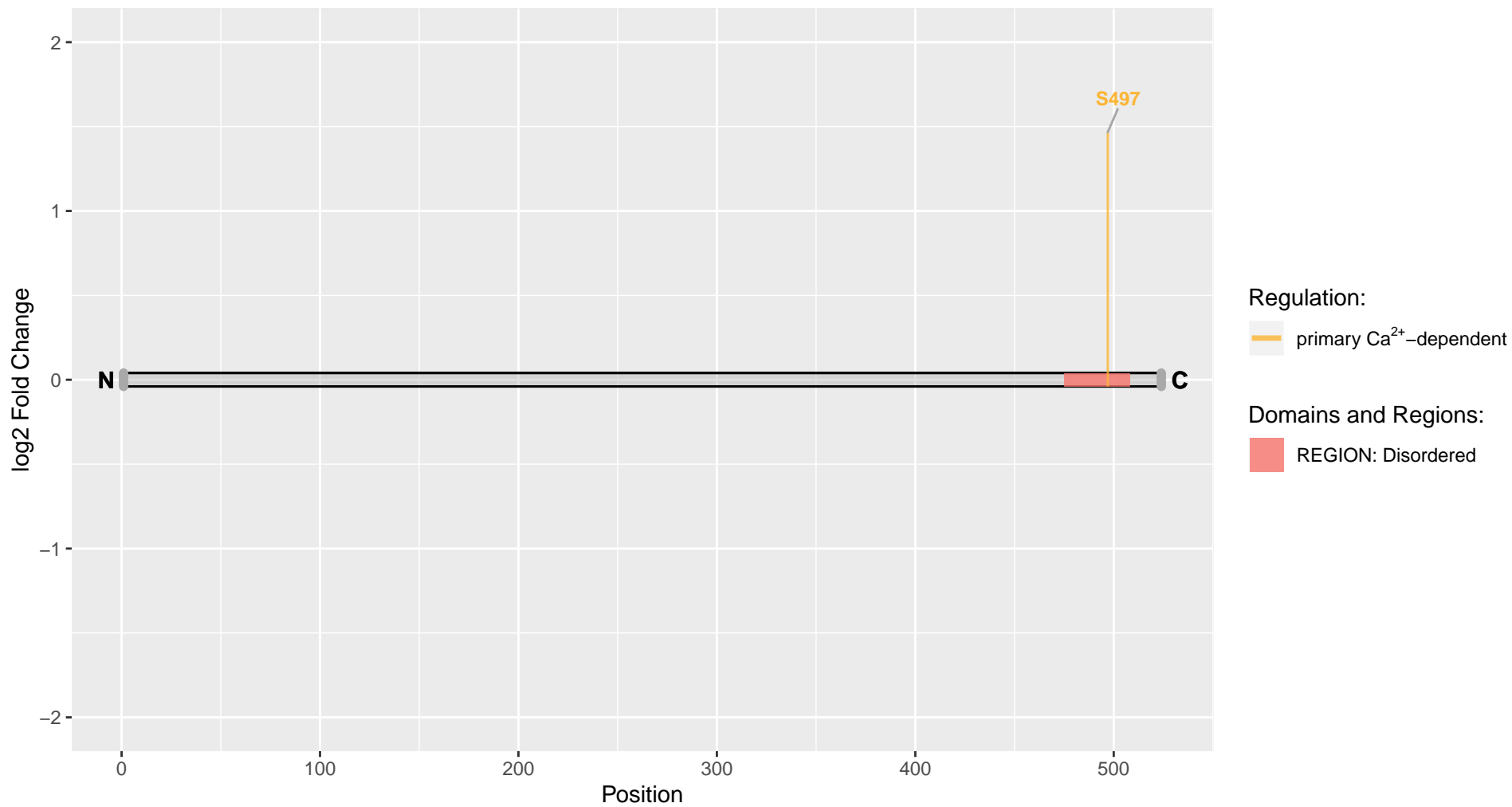
Domains and Regions:

- 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

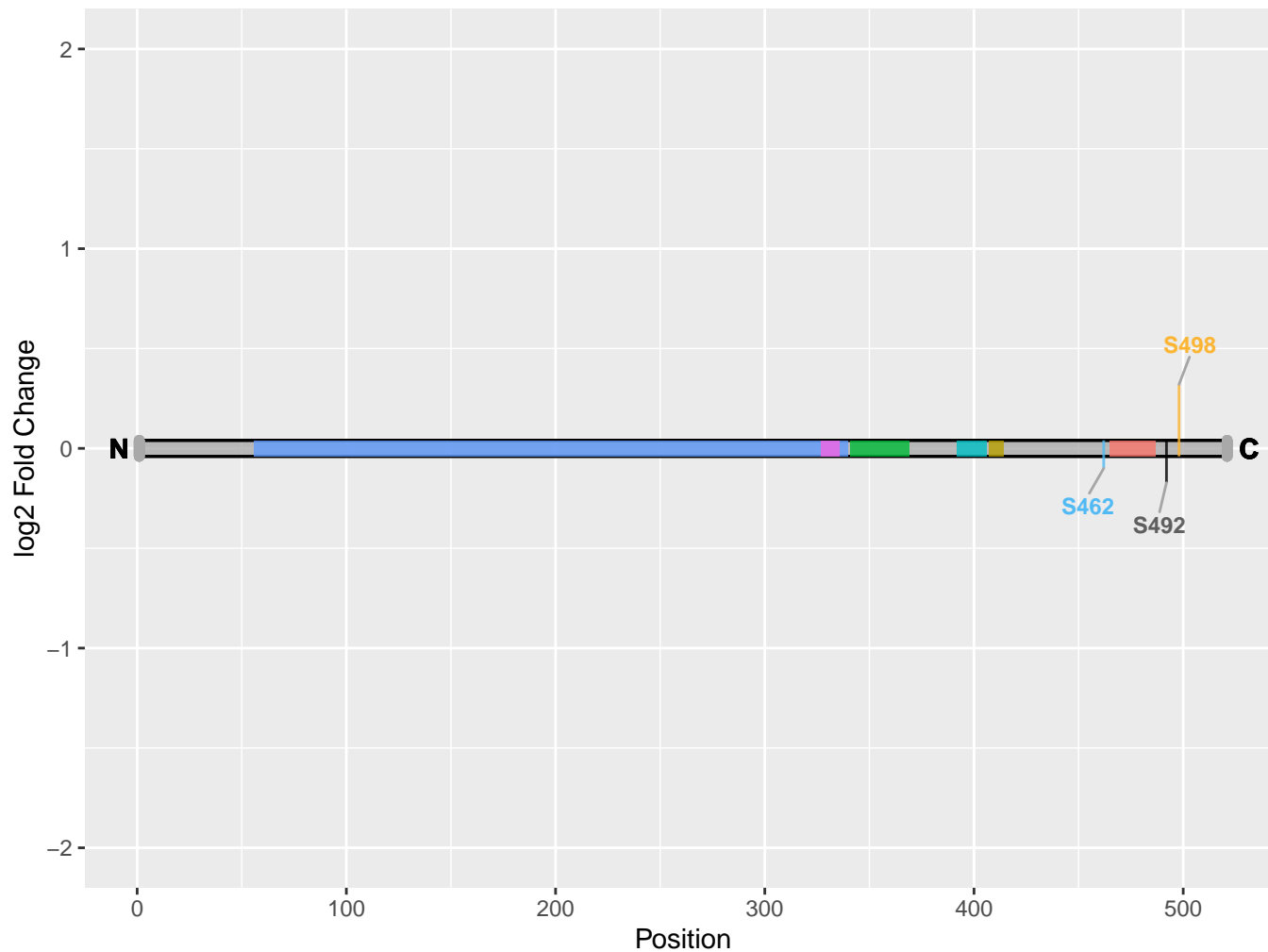
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit



Ppp3ca

Uniprot Accession: P63329

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



Regulation:

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

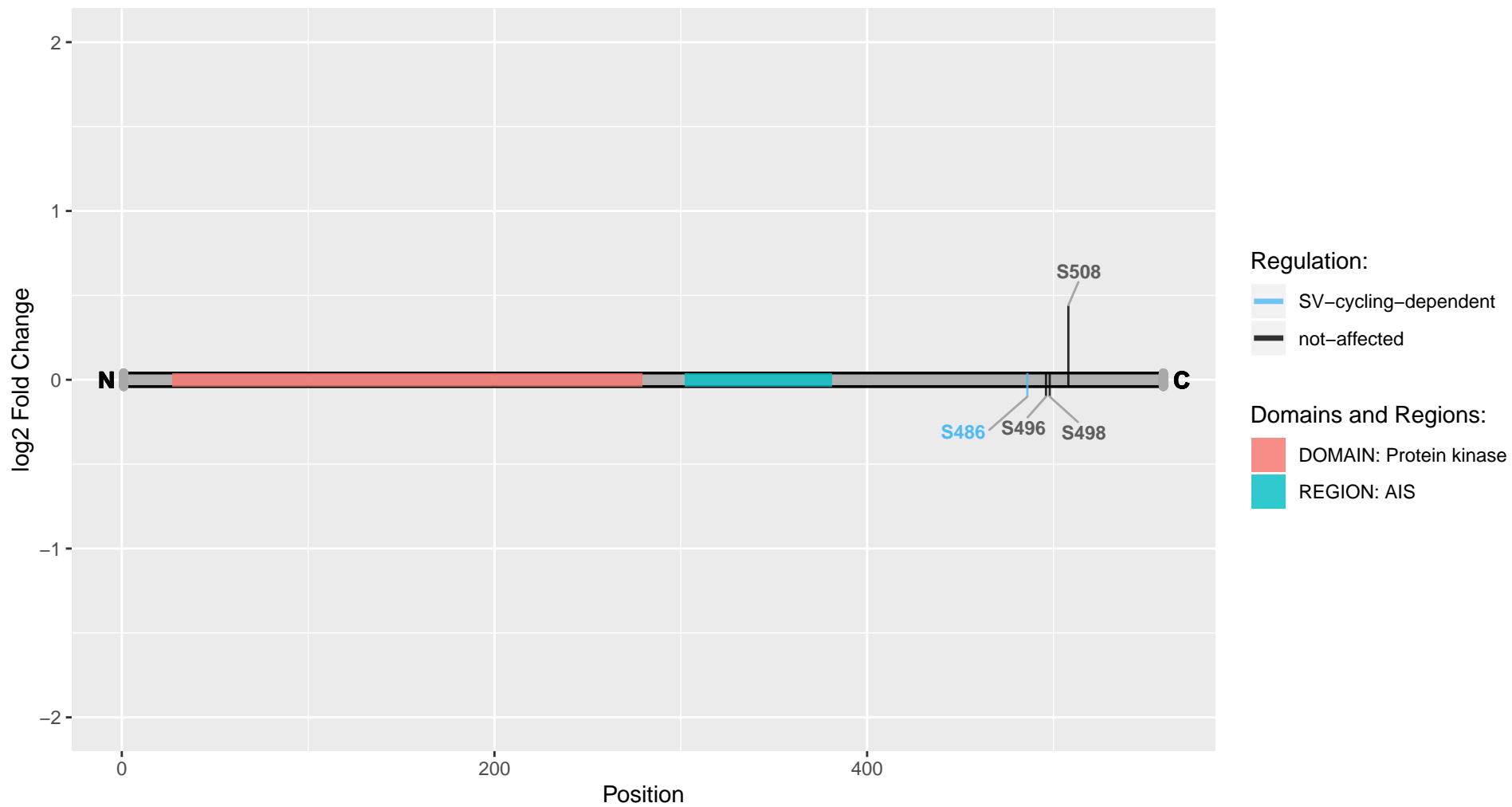
Domains and Regions:

- REGION: Autoinhibitory domain
- REGION: Autoinhibitory segment
- REGION: Calcineurin B binding
- REGION: Calmodulin-binding
- REGION: Catalytic
- REGION: Interaction with PxIxIF motif in substrate

Prkaa1

Uniprot Accession: P54645

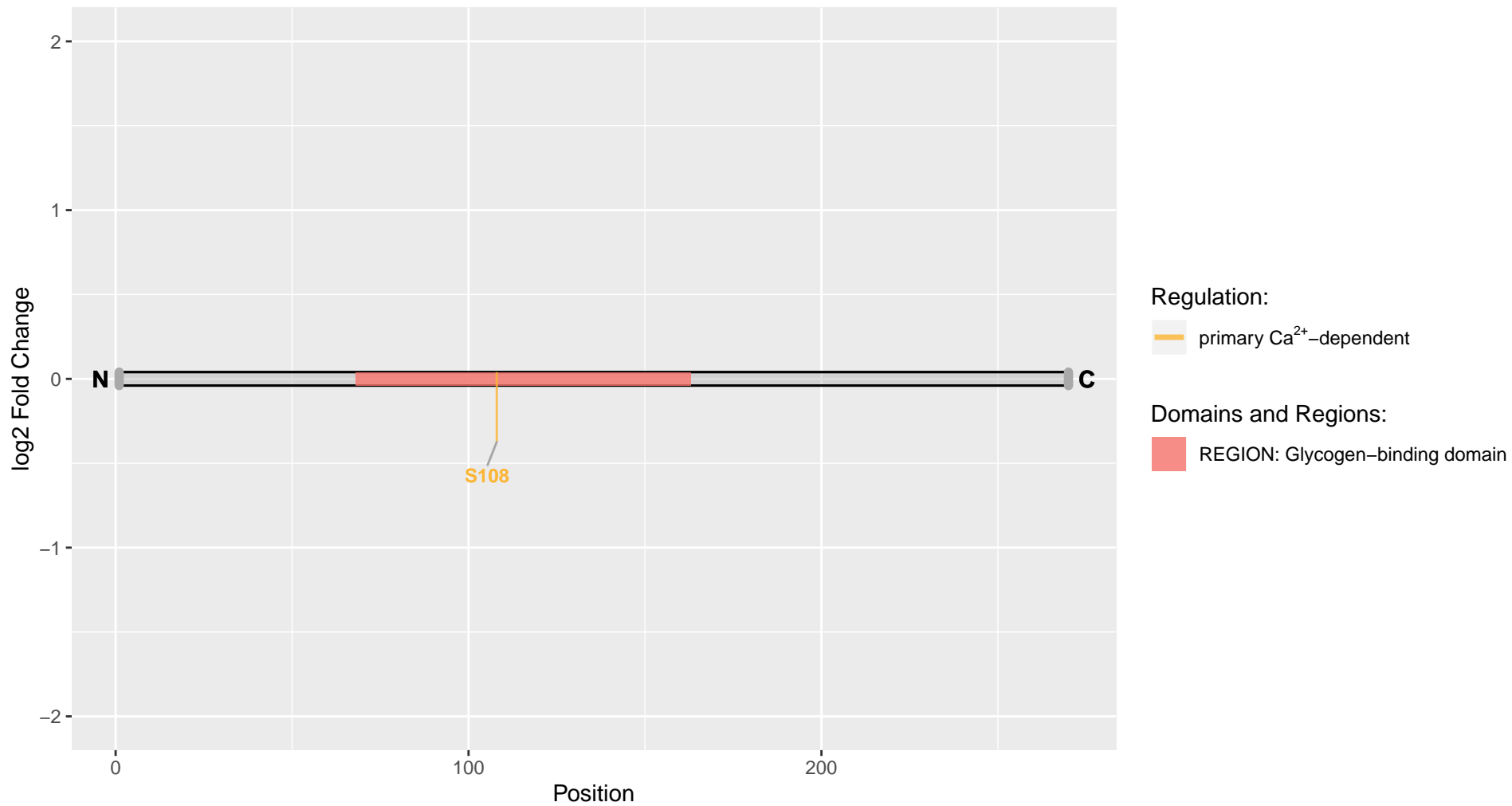
5'-AMP-activated protein kinase catalytic subunit alpha-1



Prkab1

Uniprot Accession: P80386

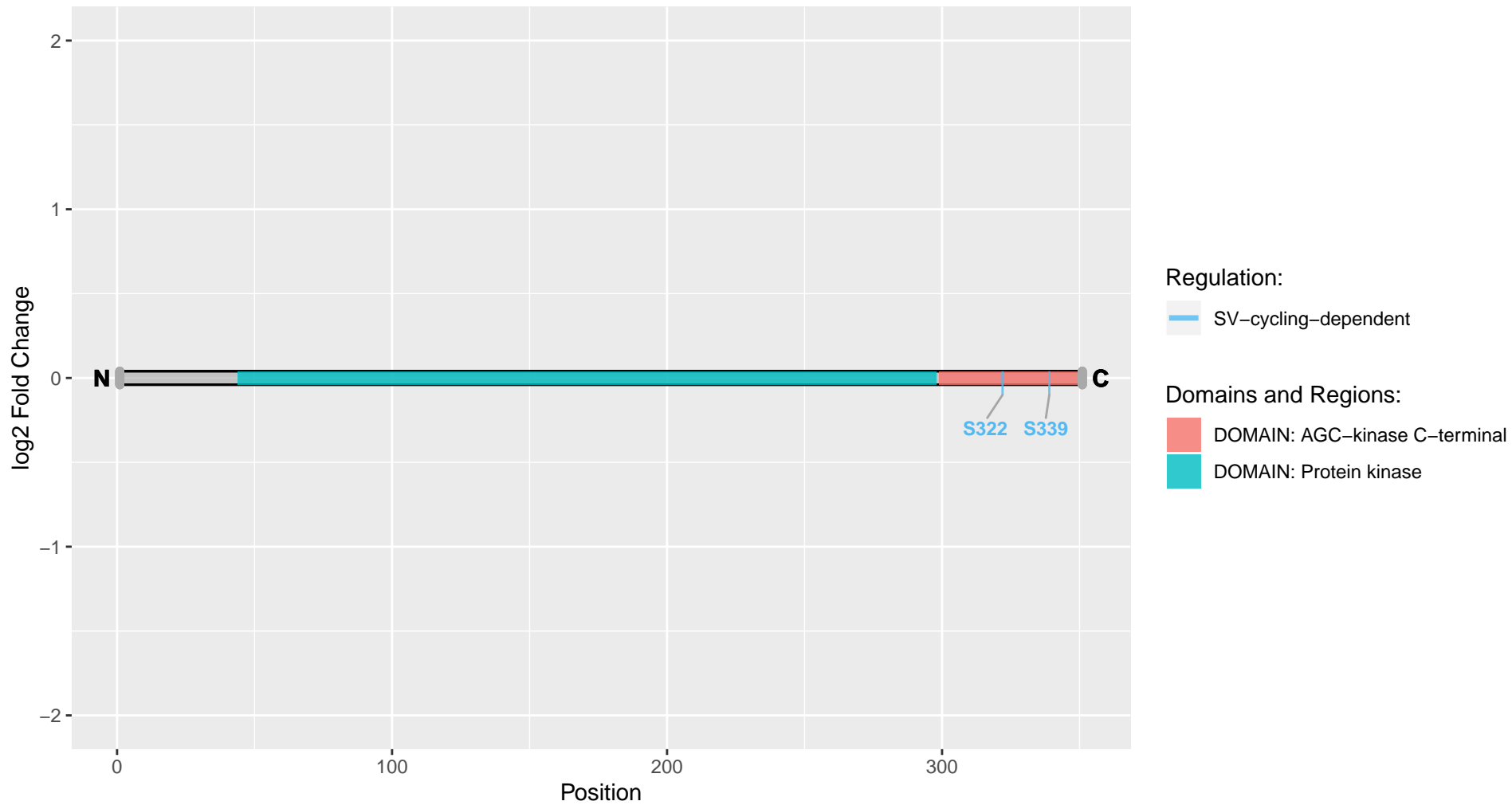
5'-AMP-activated protein kinase subunit beta-1



Prkacb

Uniprot Accession: P68182

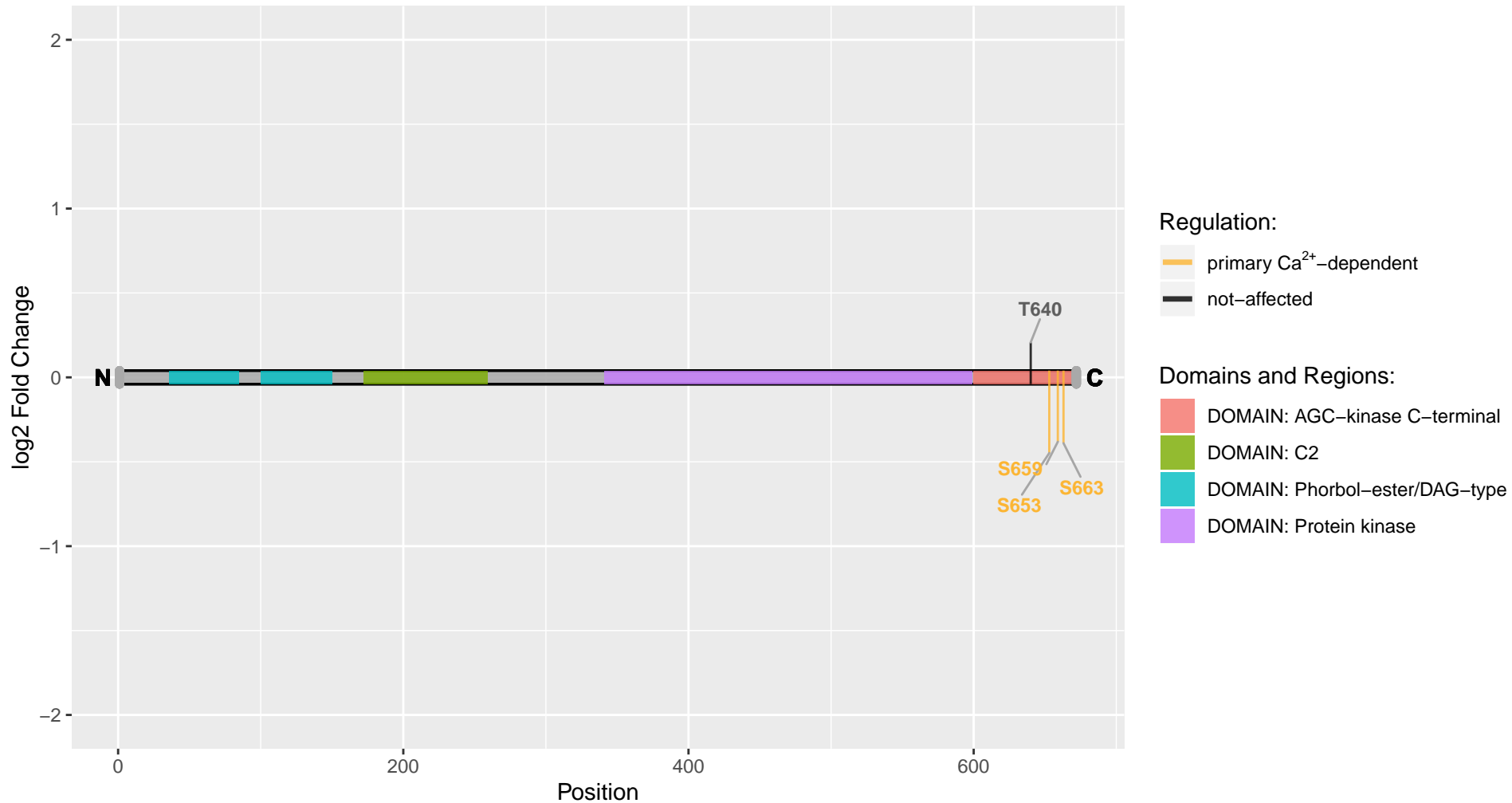
cAMP-dependent protein kinase catalytic subunit beta



Prkcb

Uniprot Accession: F1LS42

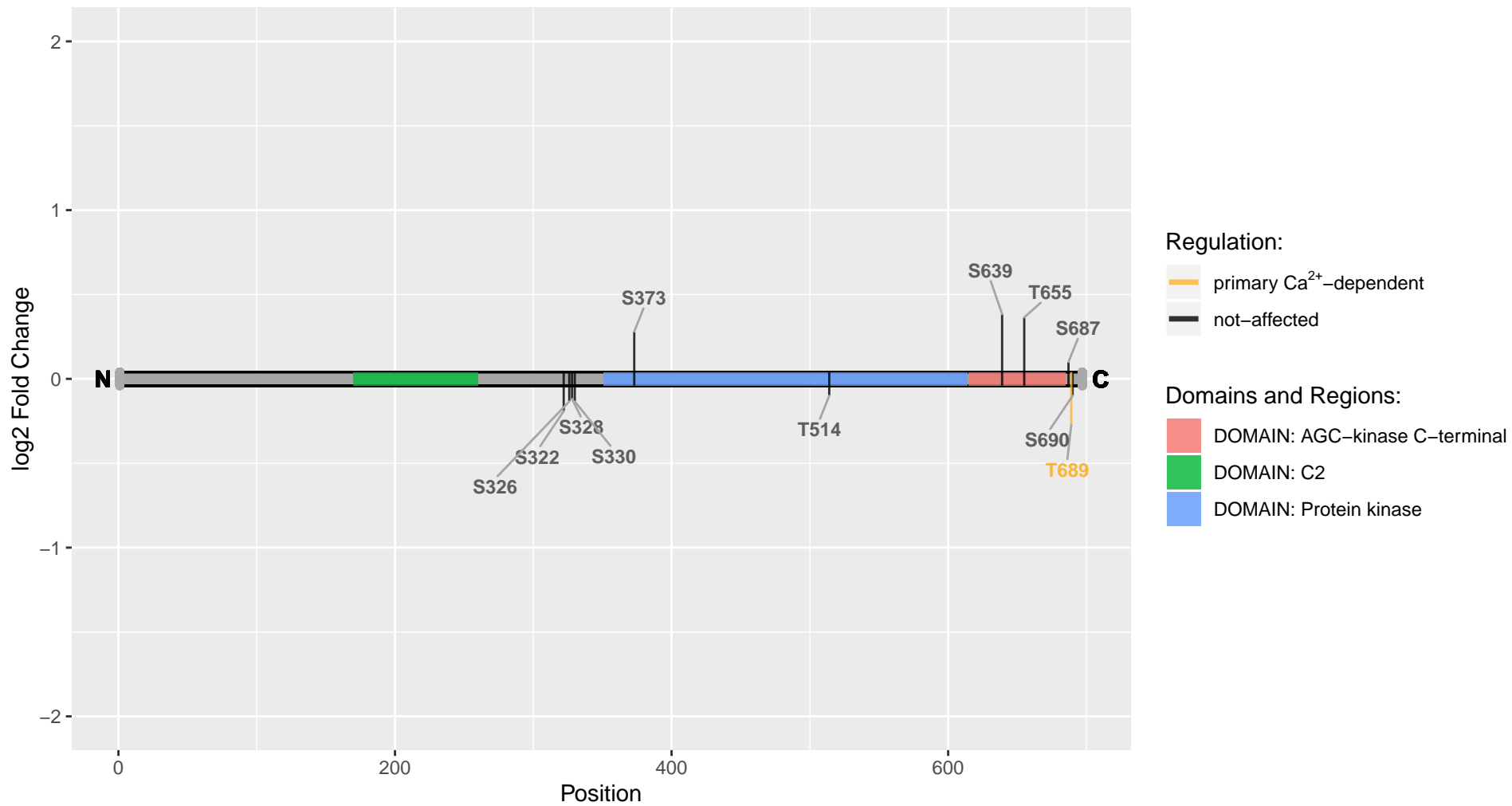
Protein kinase C



Prkcg

Uniprot Accession: P63319

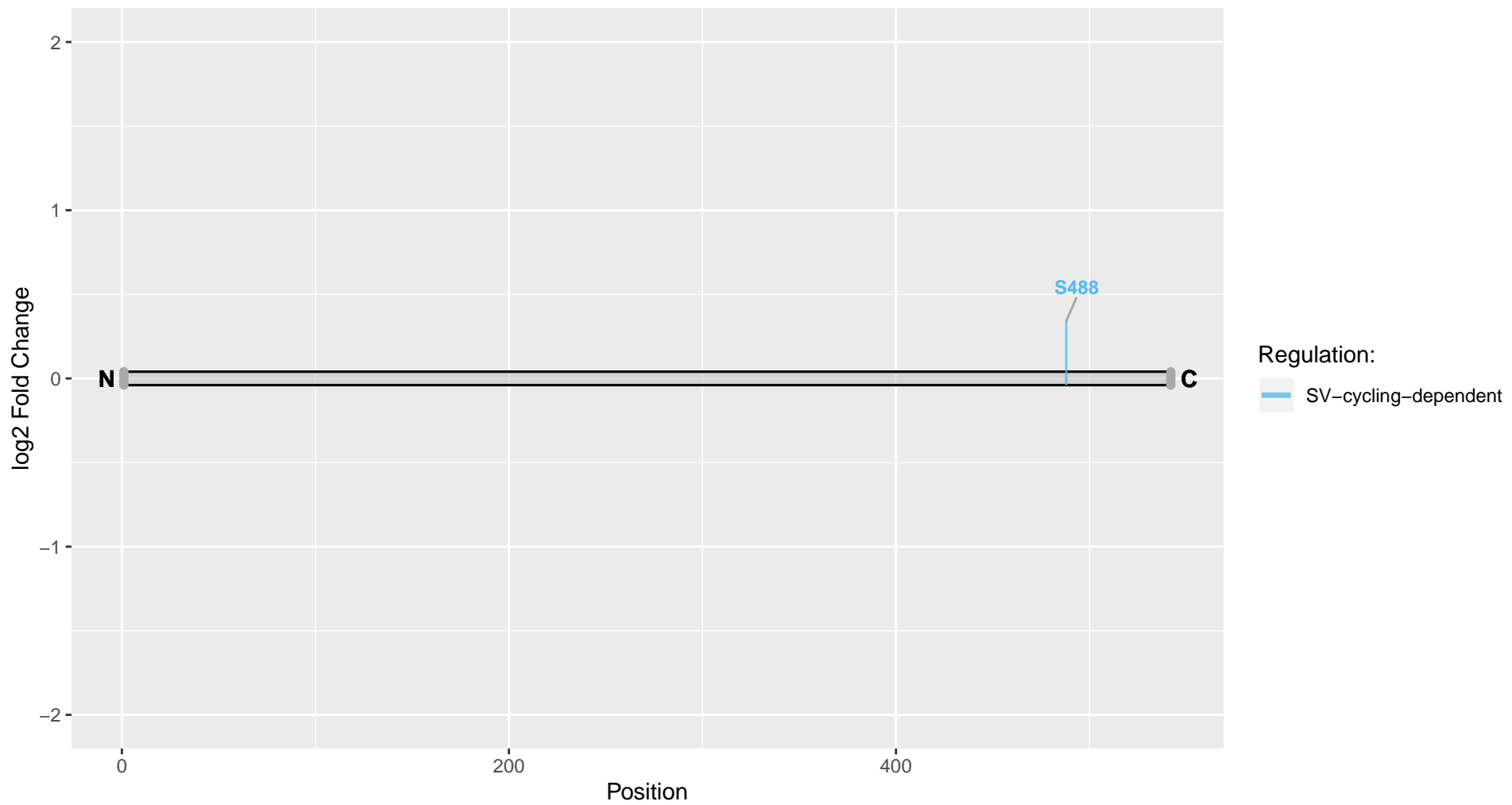
Protein kinase C gamma type



Prpf38b

Uniprot Accession: Q6AXY7

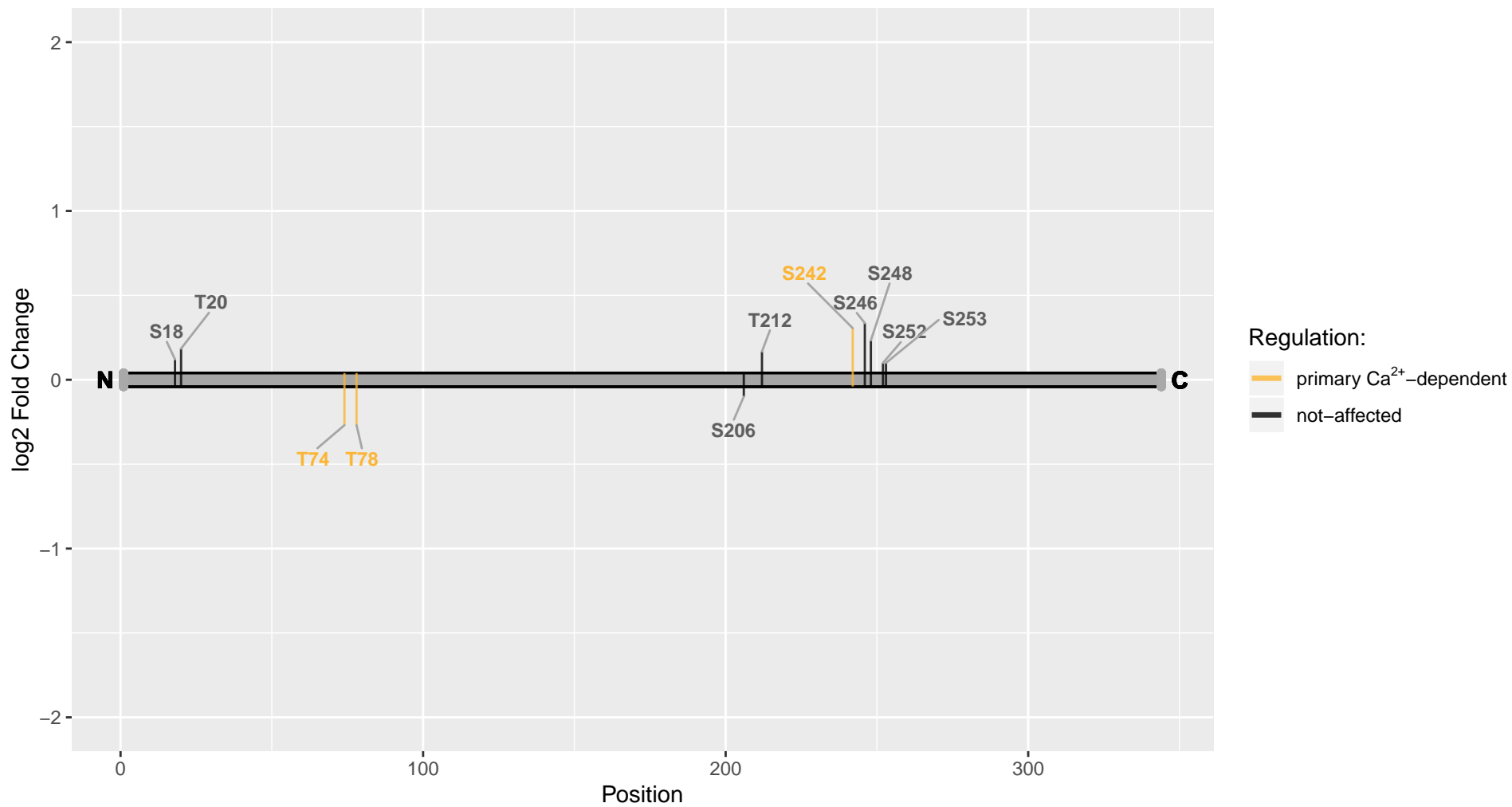
Pre-mRNA-splicing factor 38B



Prrt2

Uniprot Accession: D3ZFB6

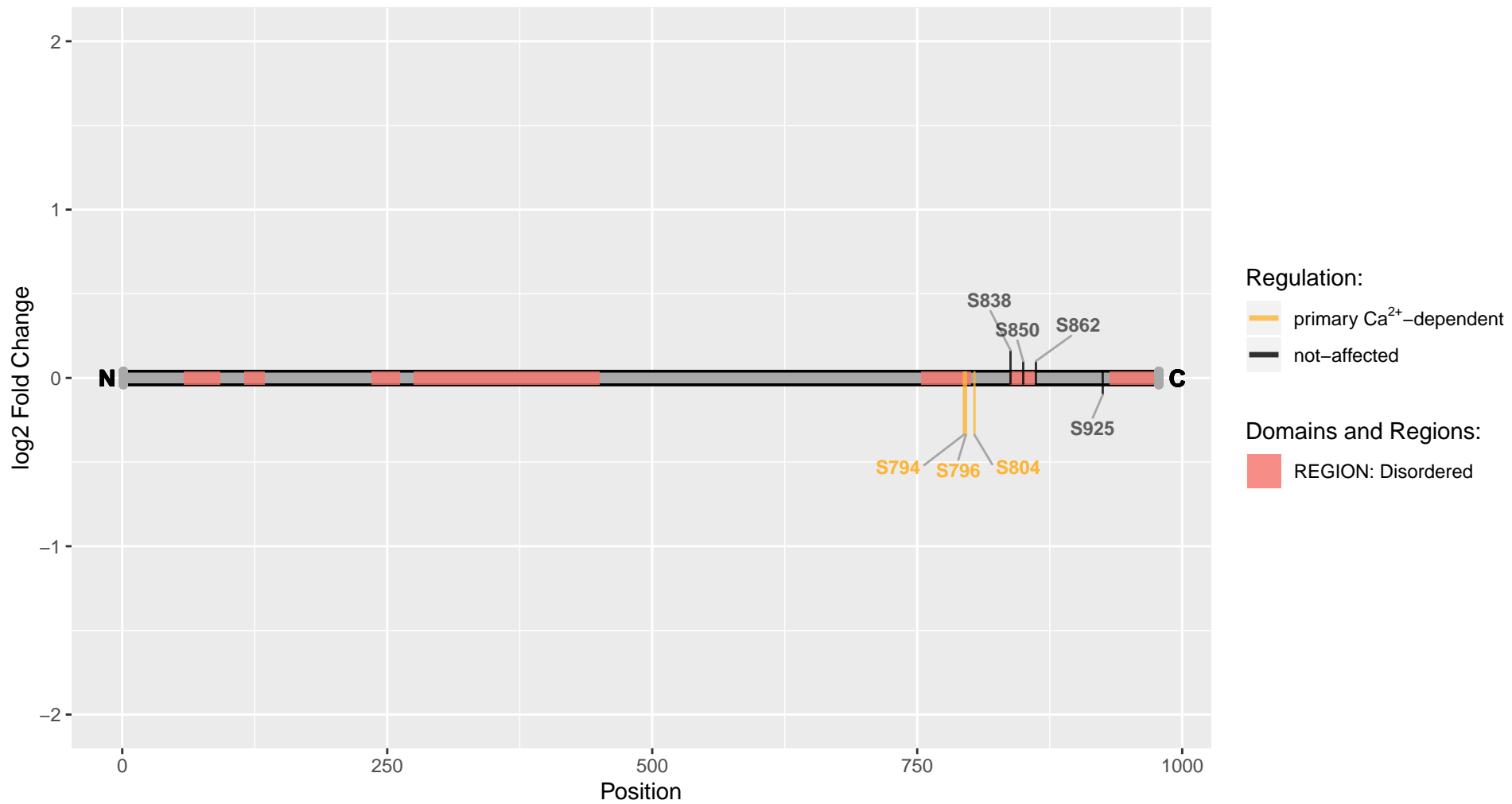
Proline-rich transmembrane protein 2



Prrt3

Uniprot Accession: D3ZWQ0

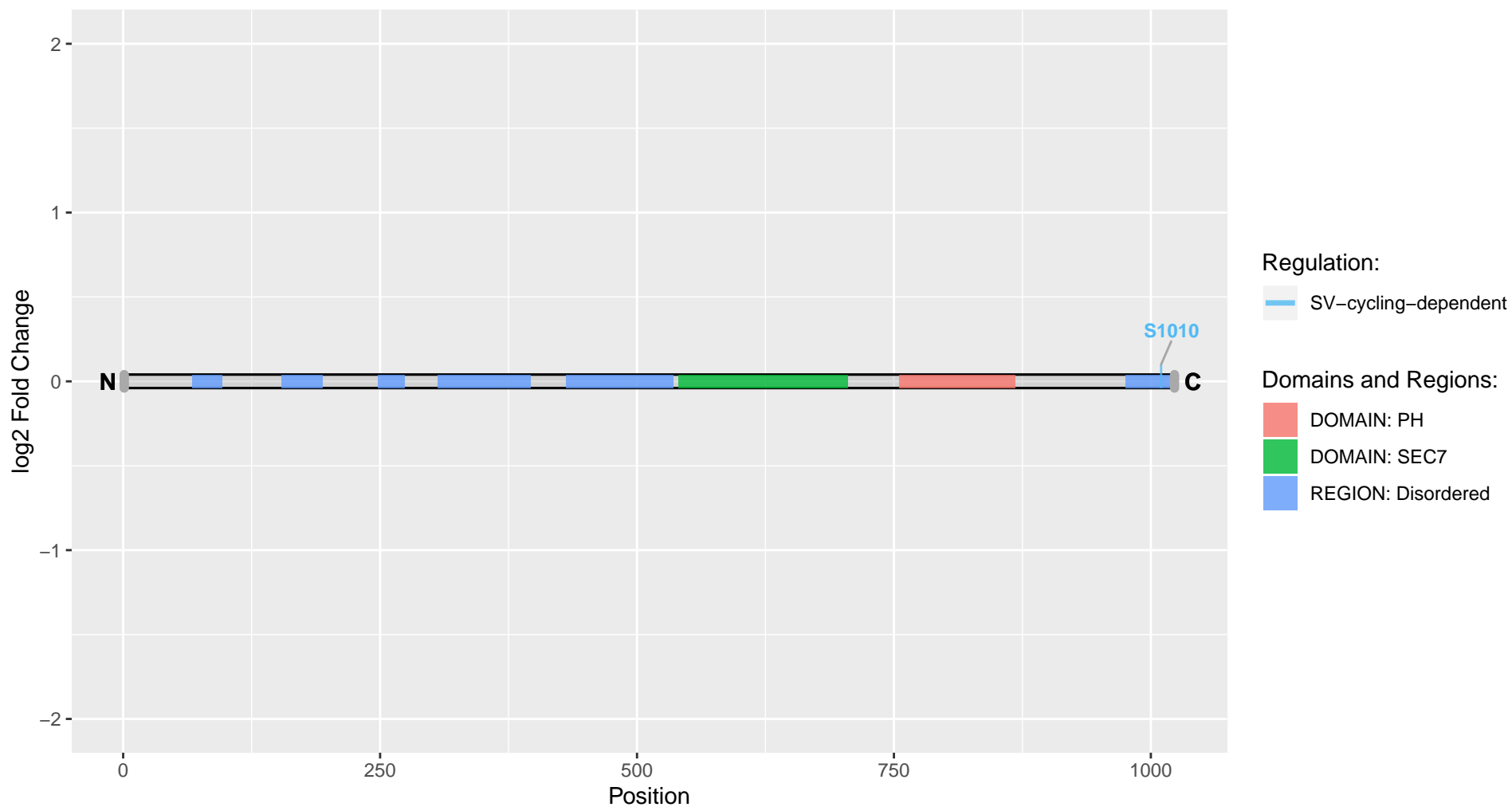
Proline-rich transmembrane protein 3



Psd

Uniprot Accession: G3V8J5

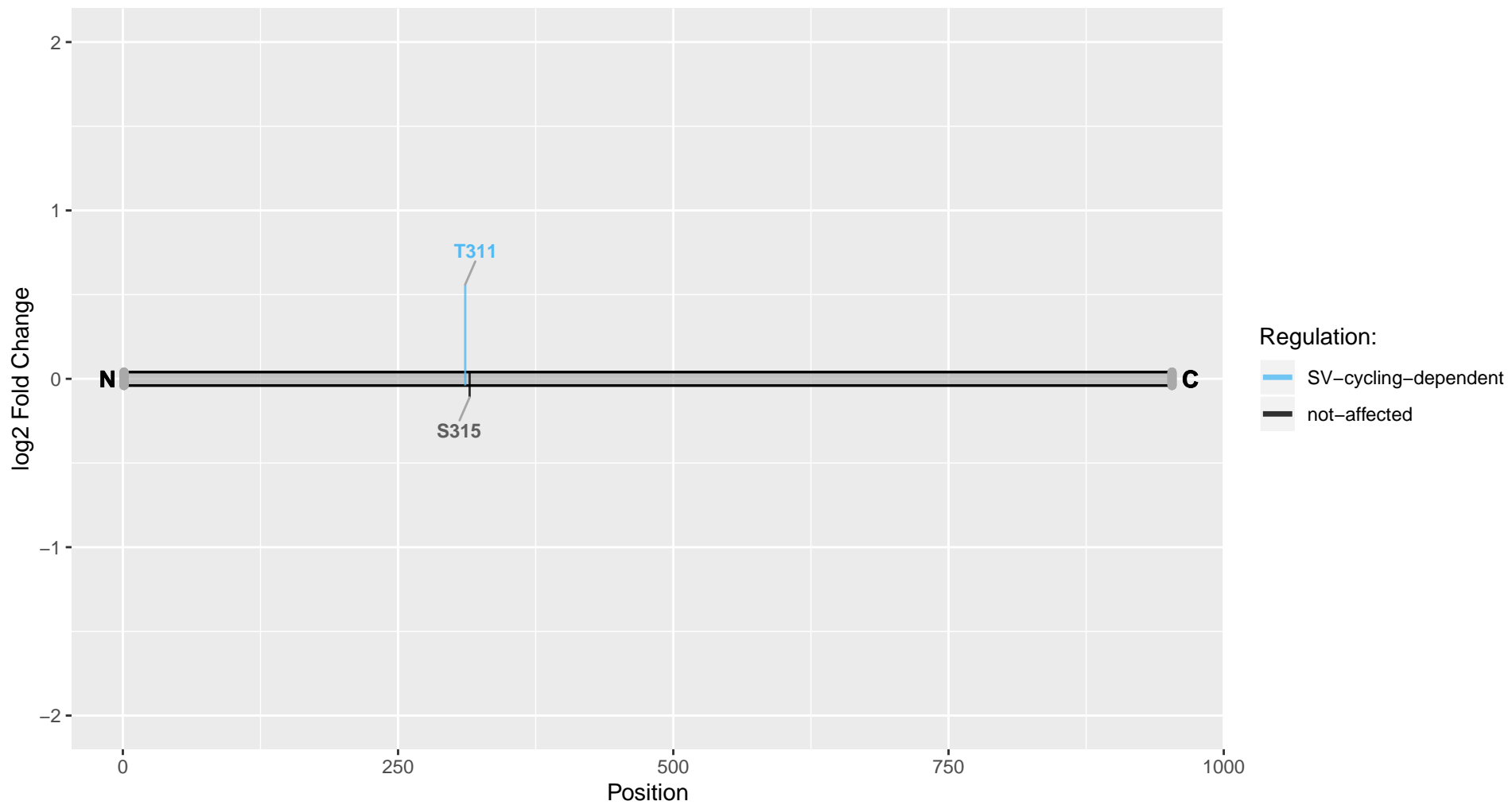
PH and SEC7 domain-containing protein 1



Psm1

Uniprot Accession: O88761

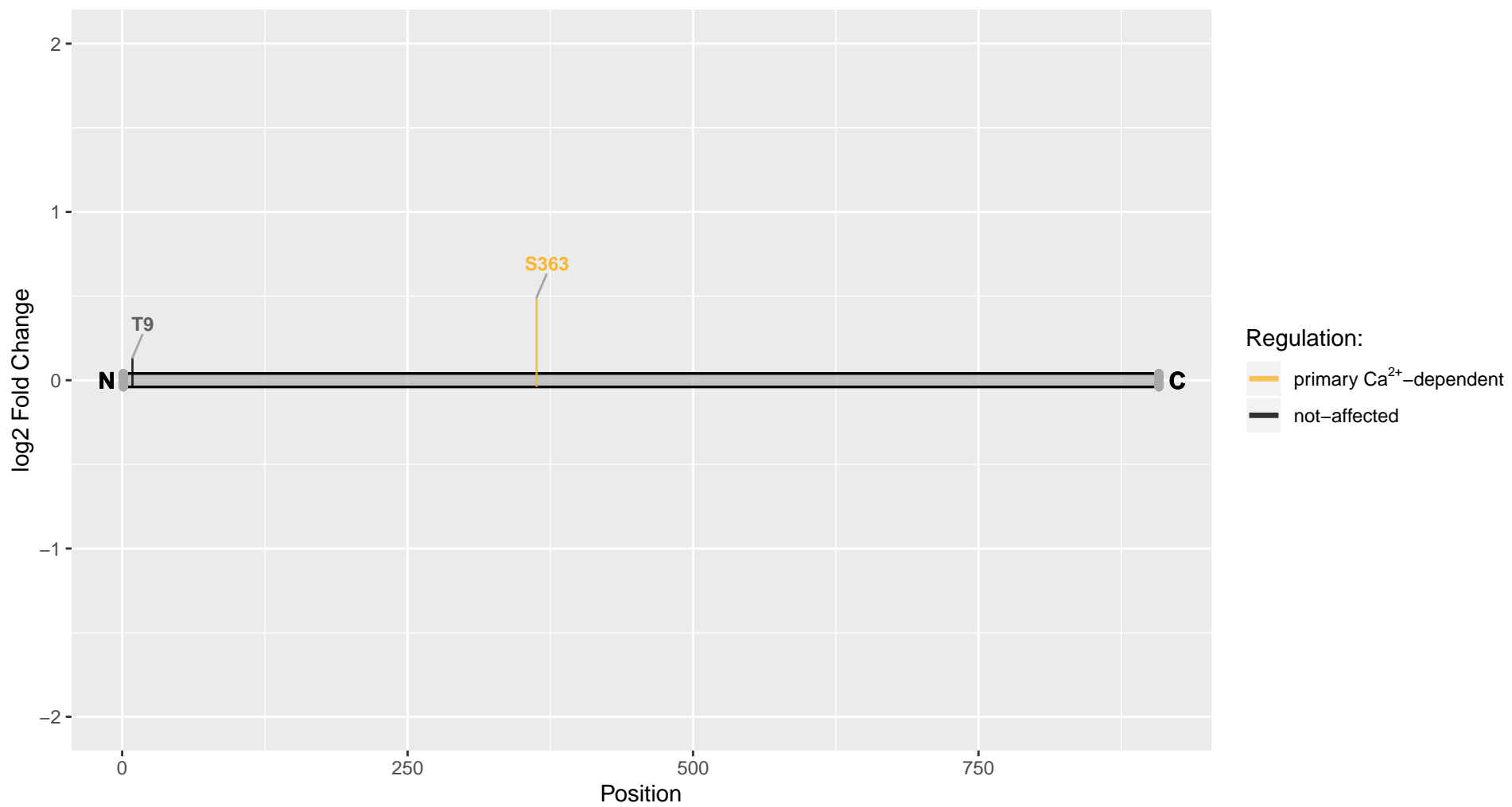
26S proteasome non-ATPase regulatory subunit 1



Psmc2

Uniprot Accession: Q4FZT9

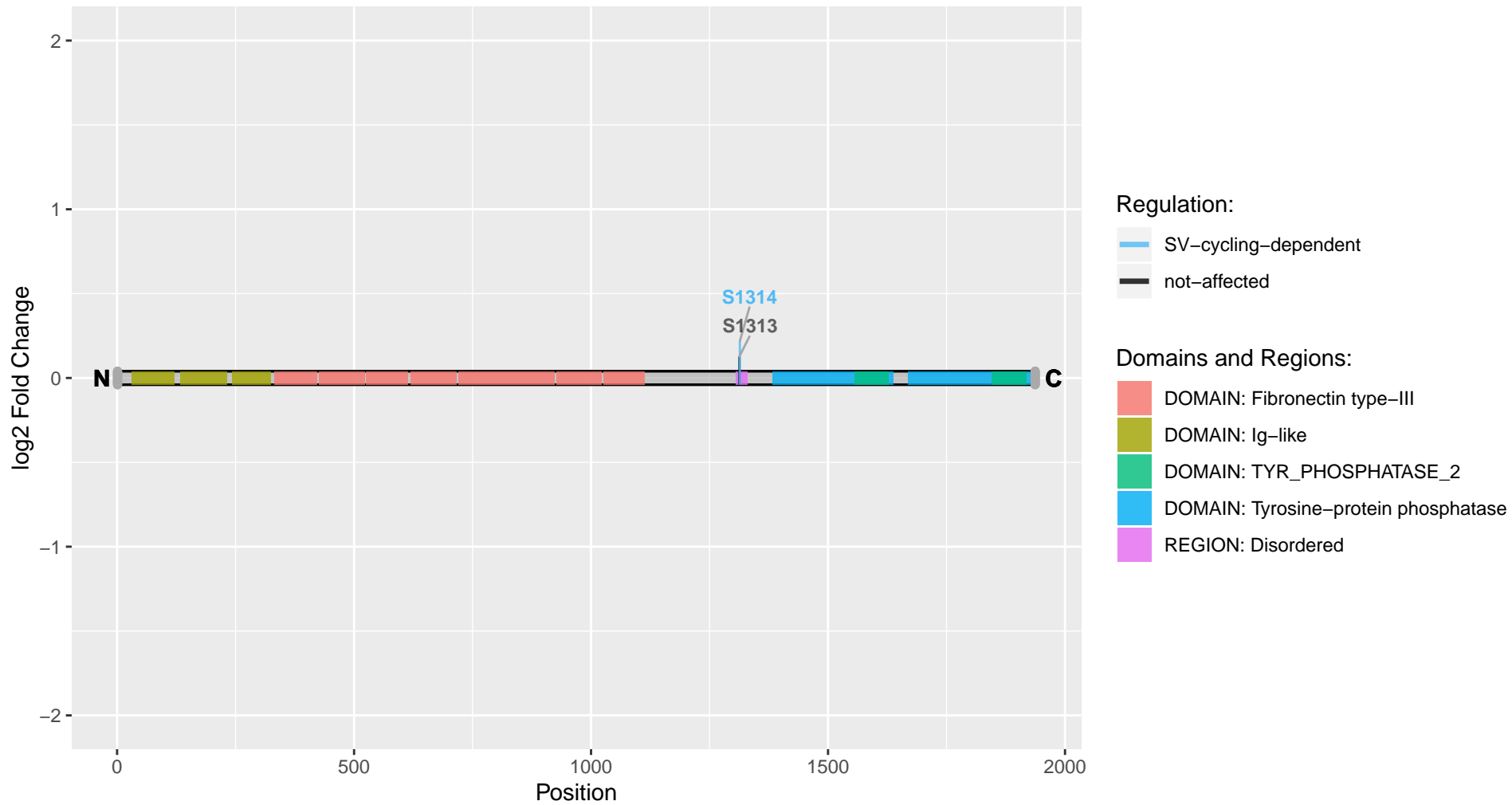
26S proteasome non-ATPase regulatory subunit 2



Ptprd

Uniprot Accession: M0RB22

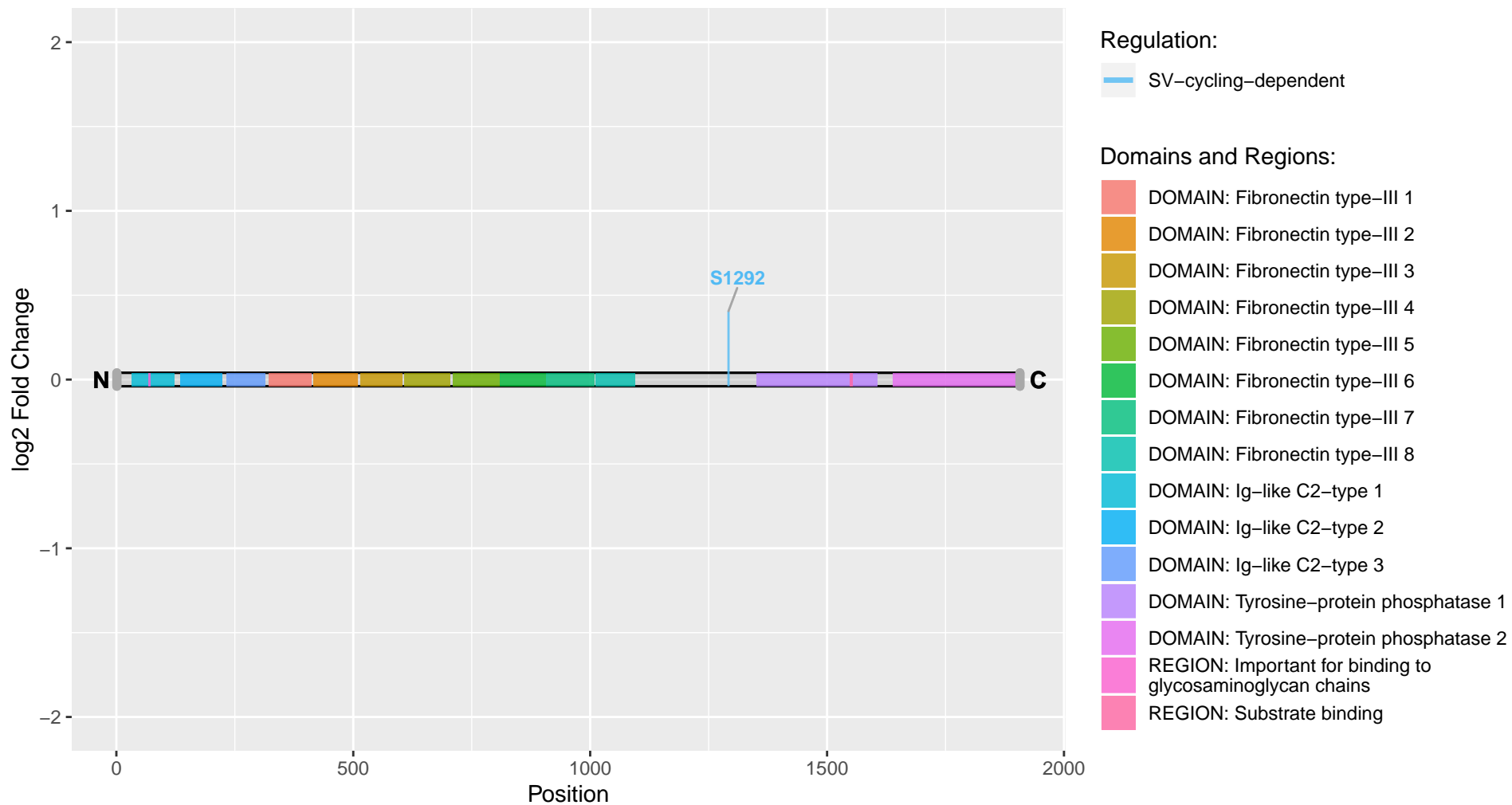
Protein tyrosine phosphatase, receptor type, D



Ptprs

Uniprot Accession: Q64605

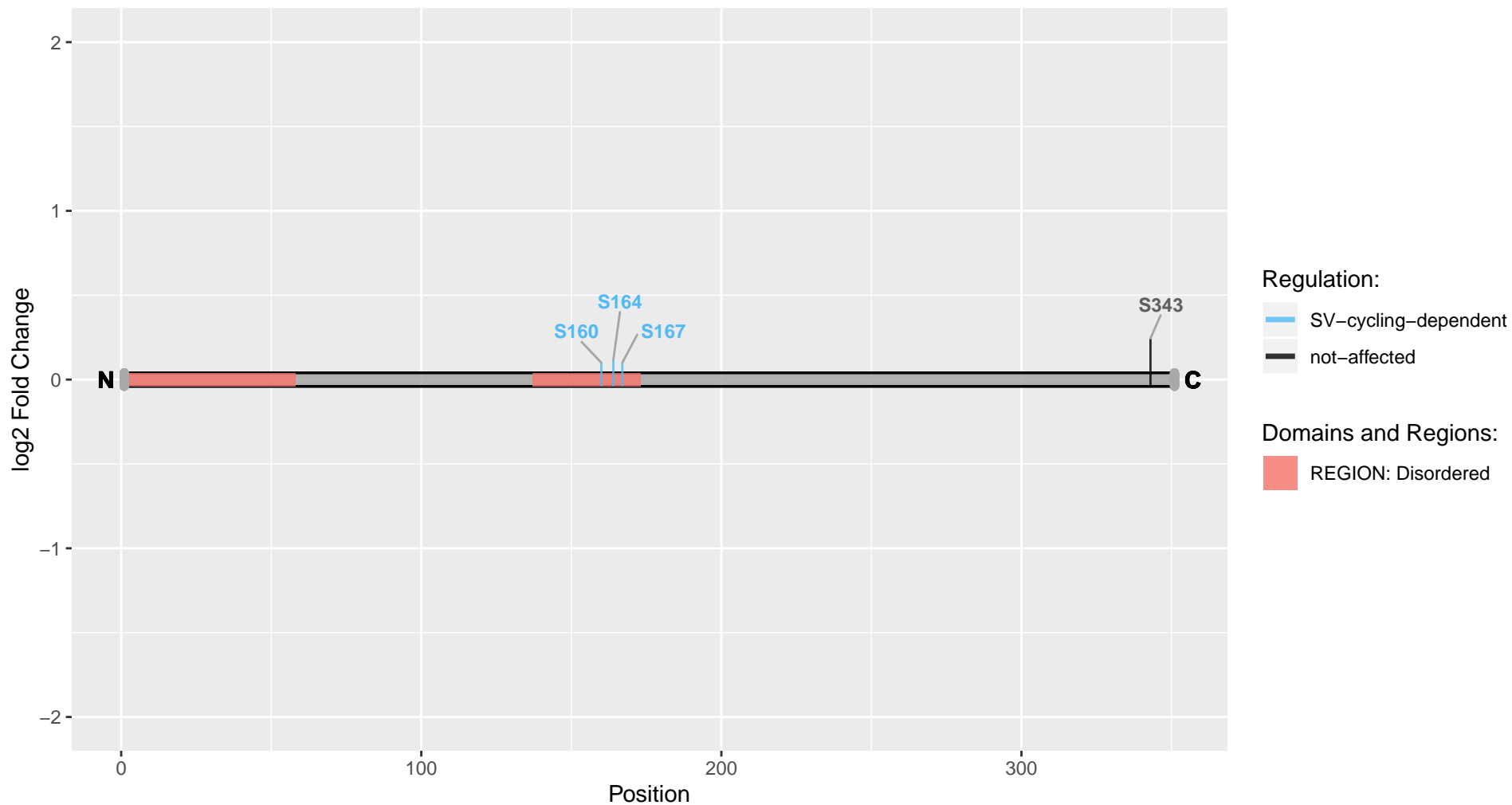
Receptor-type tyrosine-protein phosphatase S



Purg

Uniprot Accession: D3ZYS1

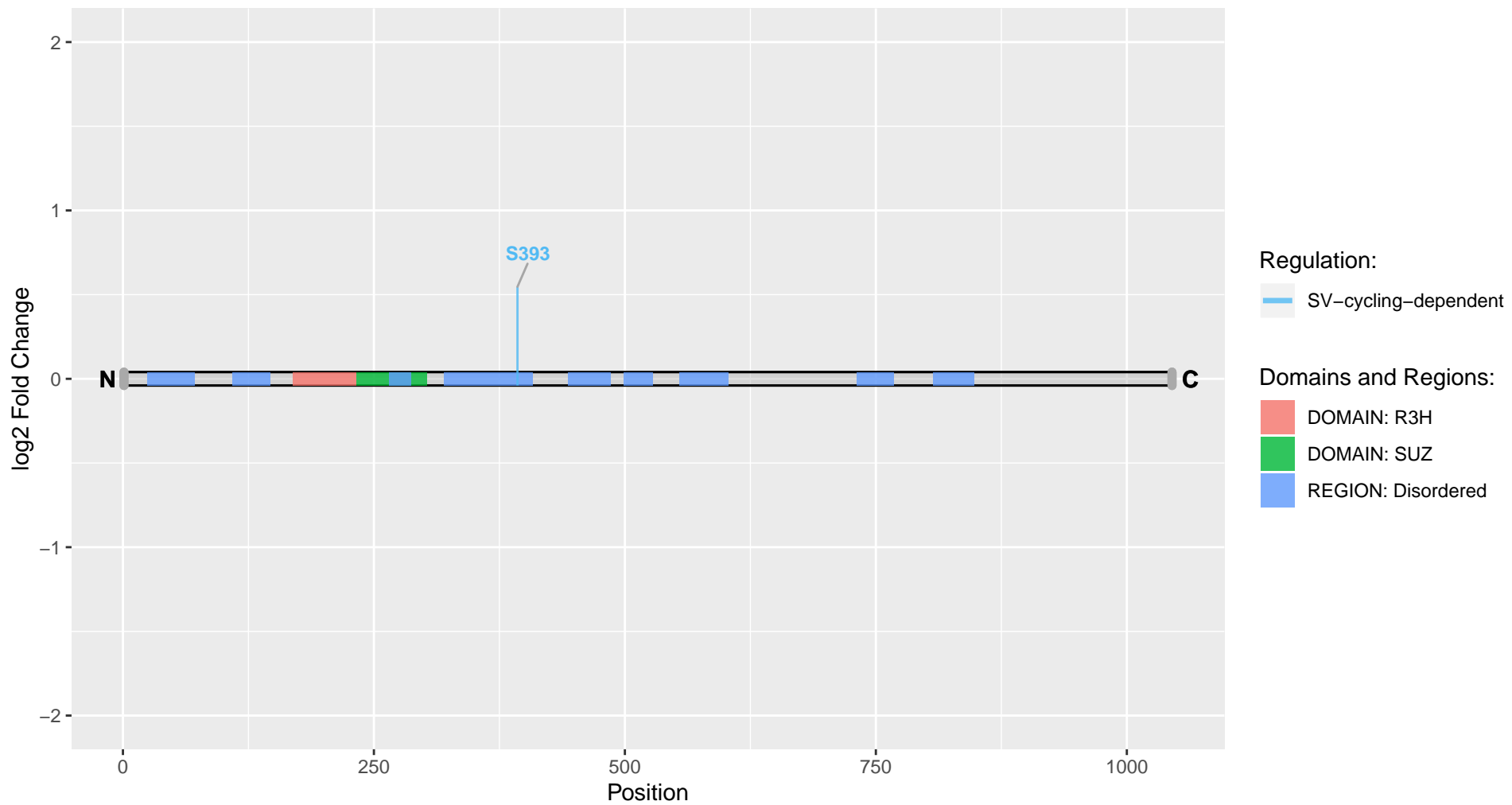
Purine-rich element-binding protein G



R3hdm2

Uniprot Accession: A0A0G2K4E8

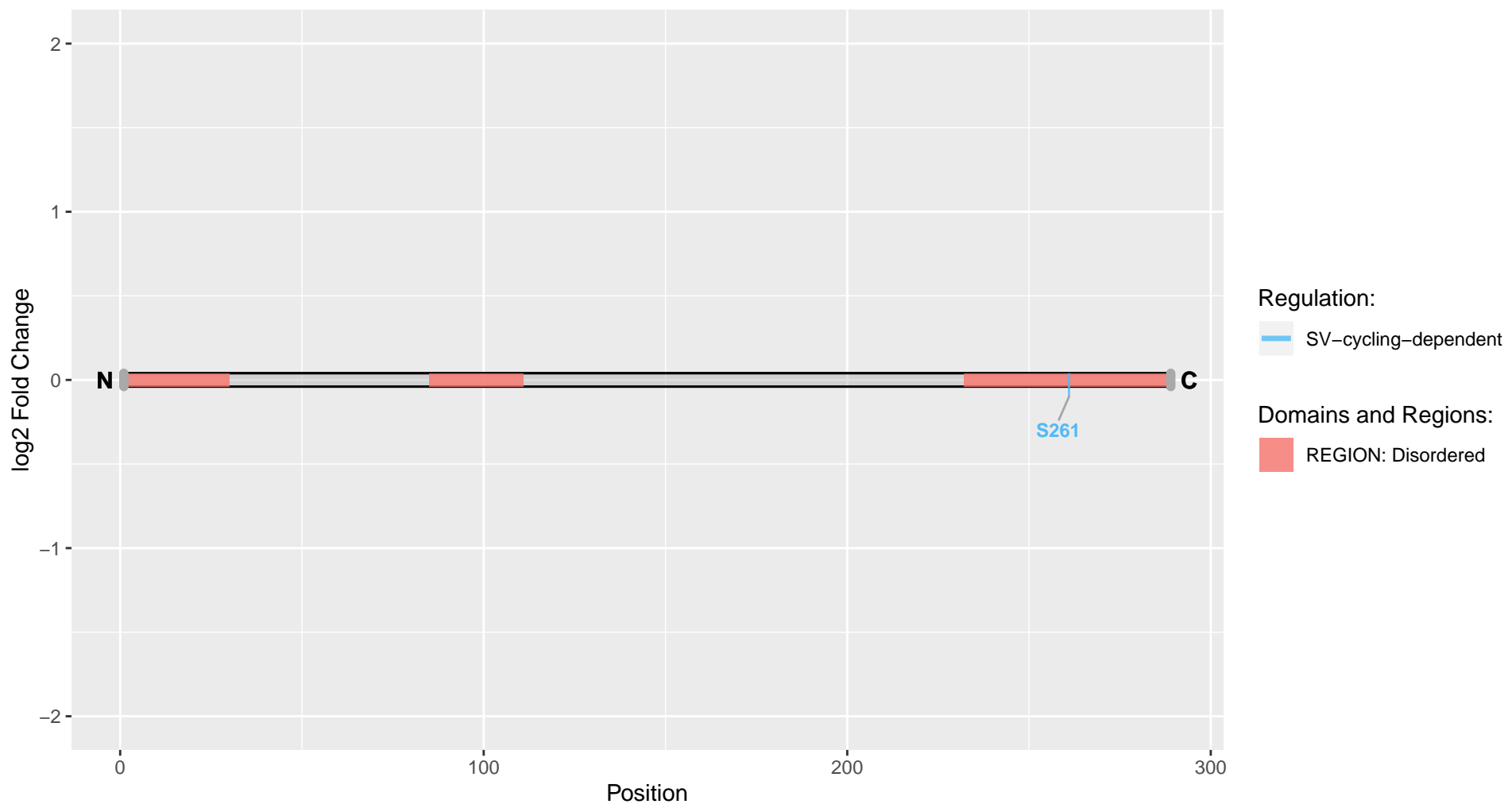
R3H domain-containing 2



RGD1305178

Uniprot Accession: A0A096MJX5

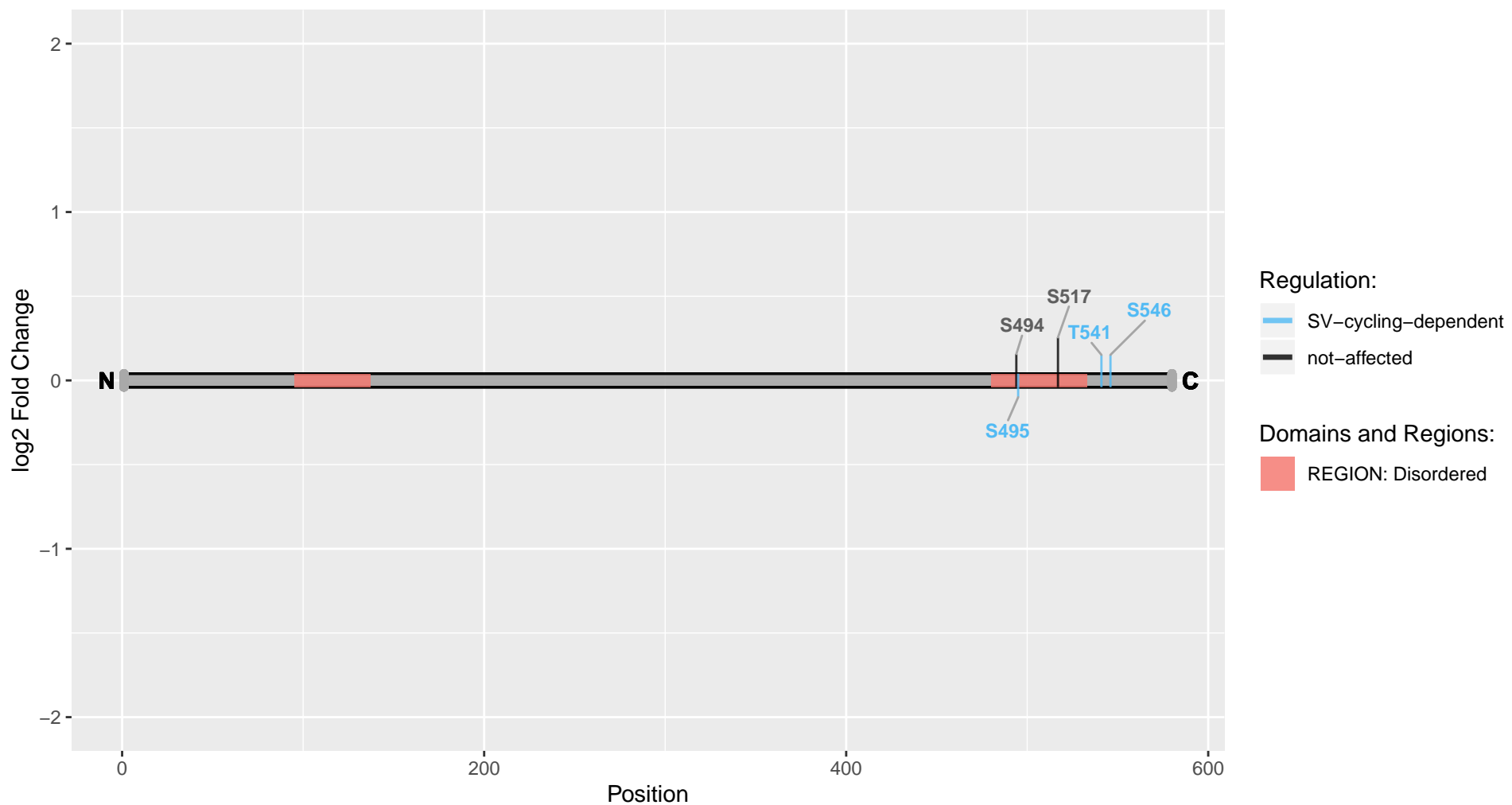
Similar to Hypothetical protein MGC11690



RGD1305455

Uniprot Accession: A0A0G2KAX2

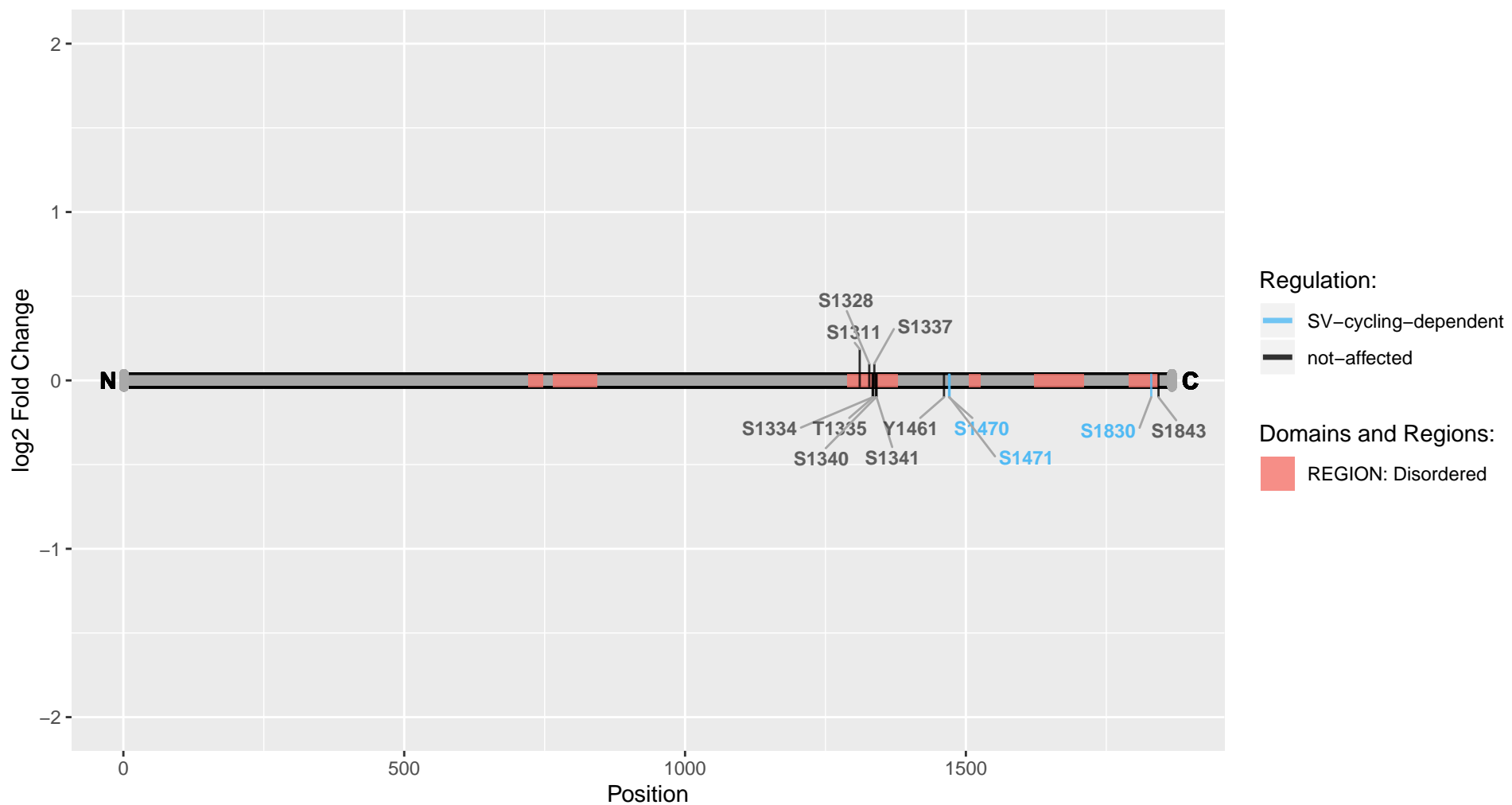
Similar to hypothetical protein FLJ10925



RGD1306271

Uniprot Accession: D3Z9D0

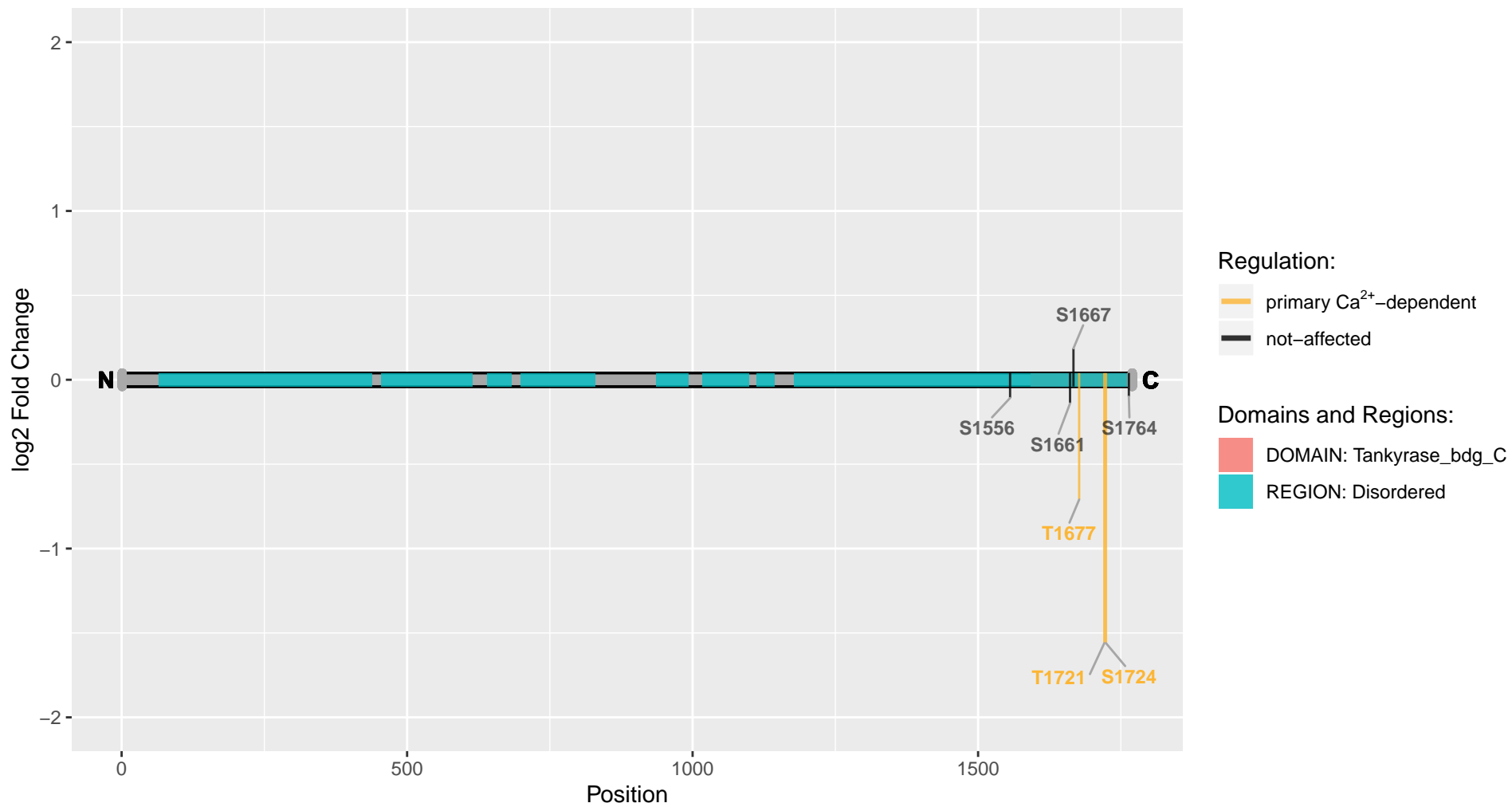
Similar to KIAA1549 protein



RGD1306556

Uniprot Accession: A0A0G2JZ88

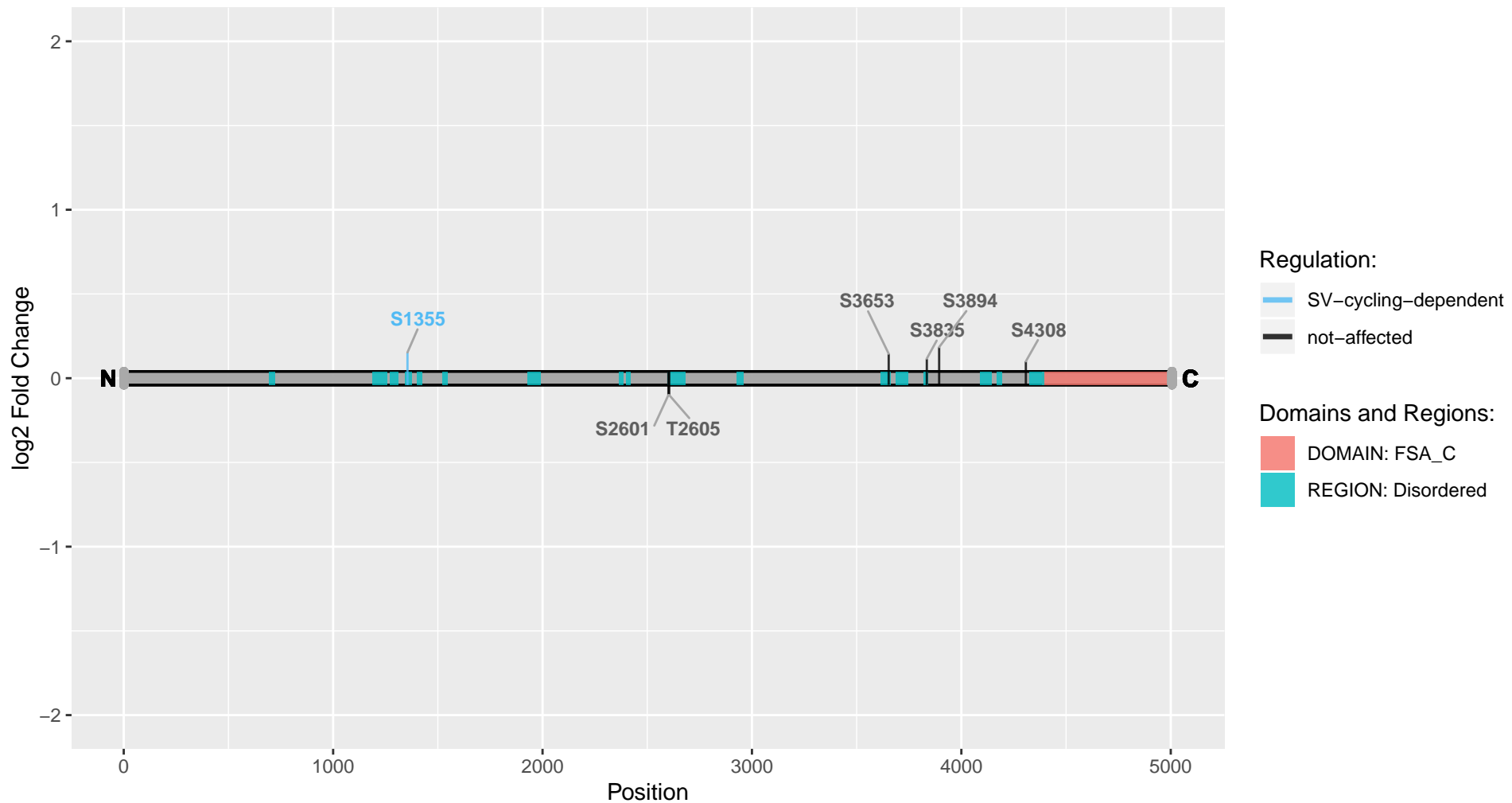
Similar to hypothetical protein A530094D01



RGD1307100

Uniprot Accession: A0A096MJT6

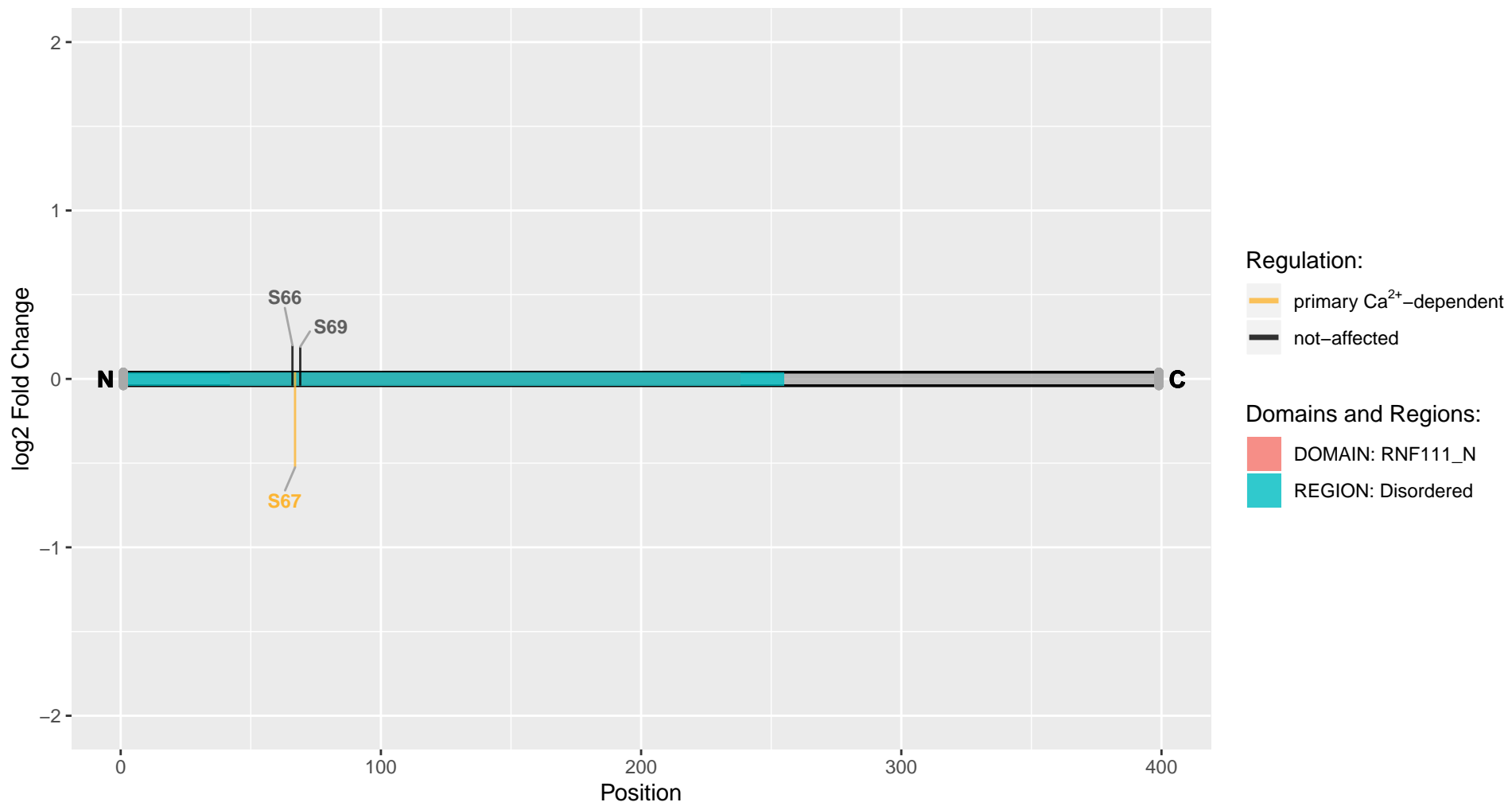
Similar to RIKEN cDNA D630029K19



RGD1308601

Uniprot Accession: D4A3X1

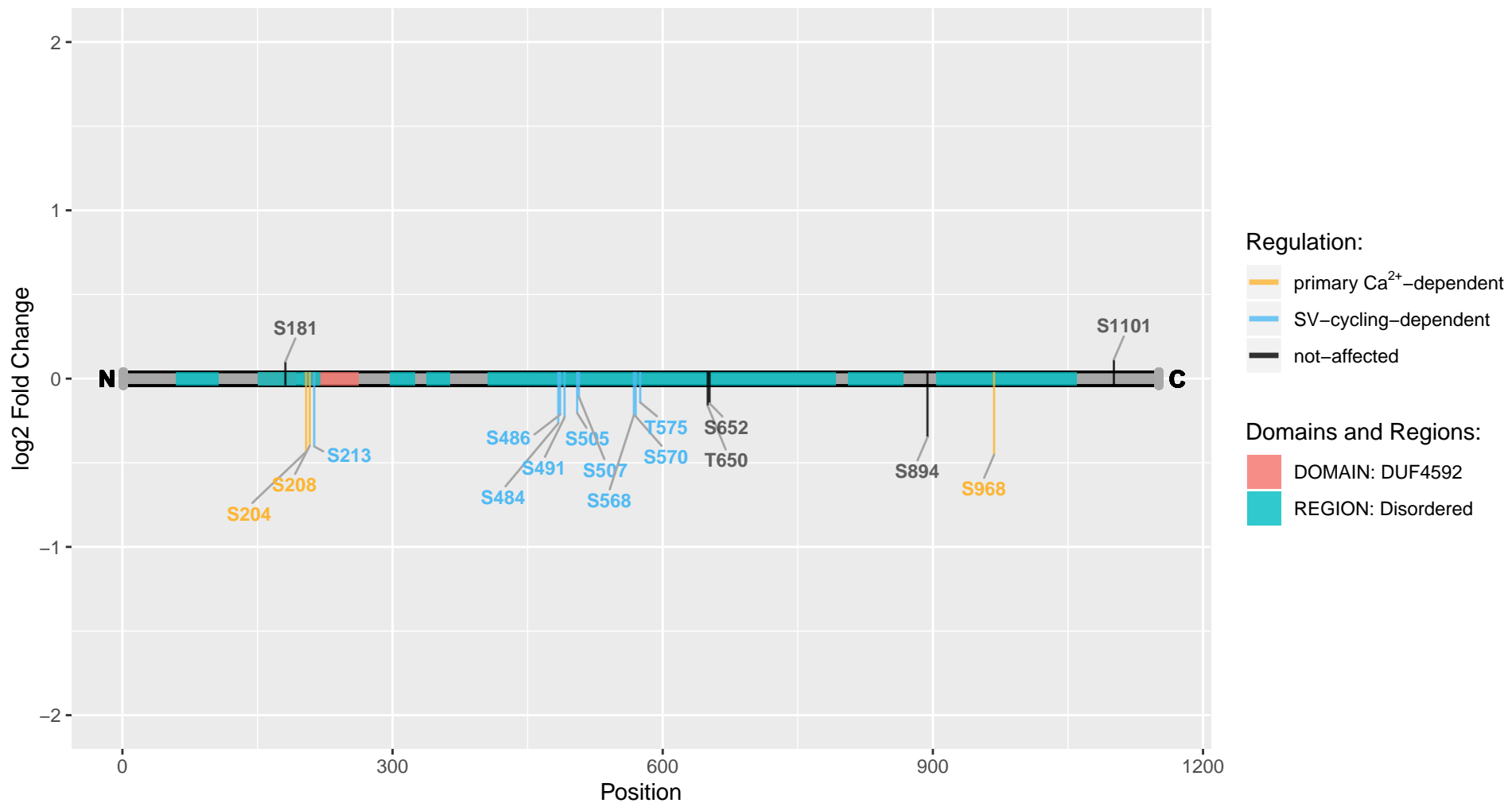
Similar to hypothetical protein



RGD1310819

Uniprot Accession: D3ZBU7

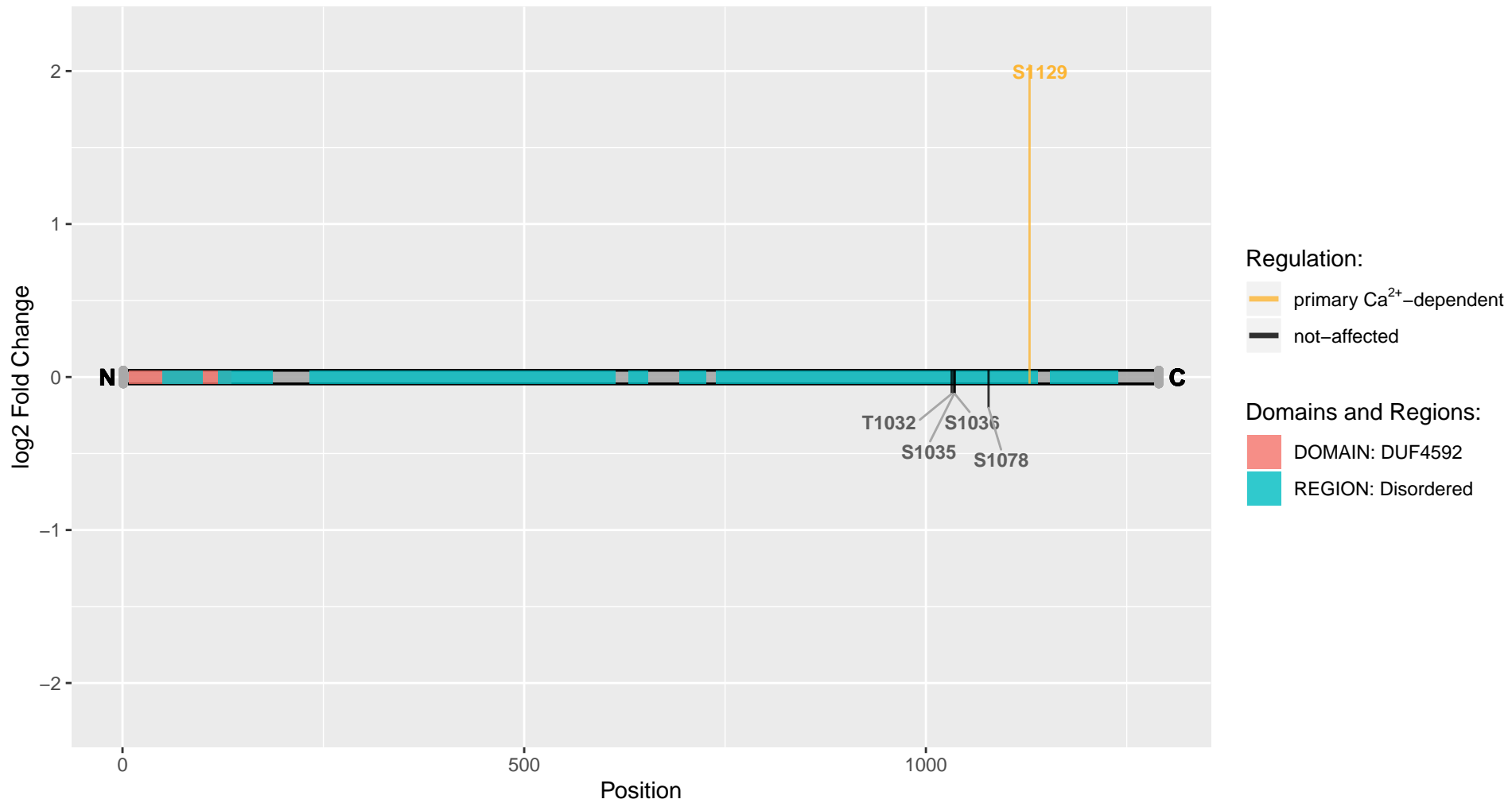
Similar to putative protein (5S487)



RGD1311575

Uniprot Accession: D4A5F4

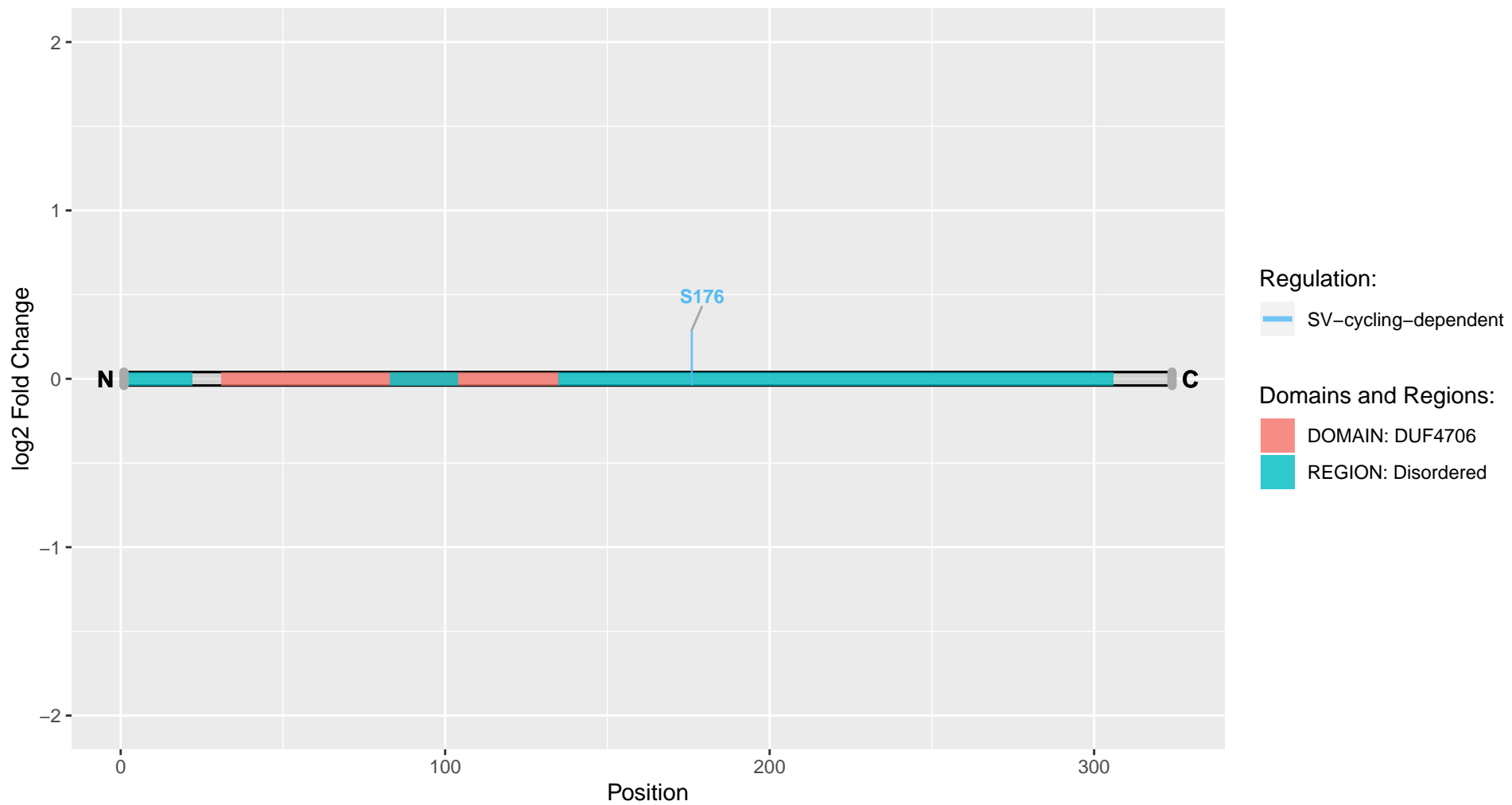
Hypothetical LOC289568



RGD1559896

Uniprot Accession: D3ZY47

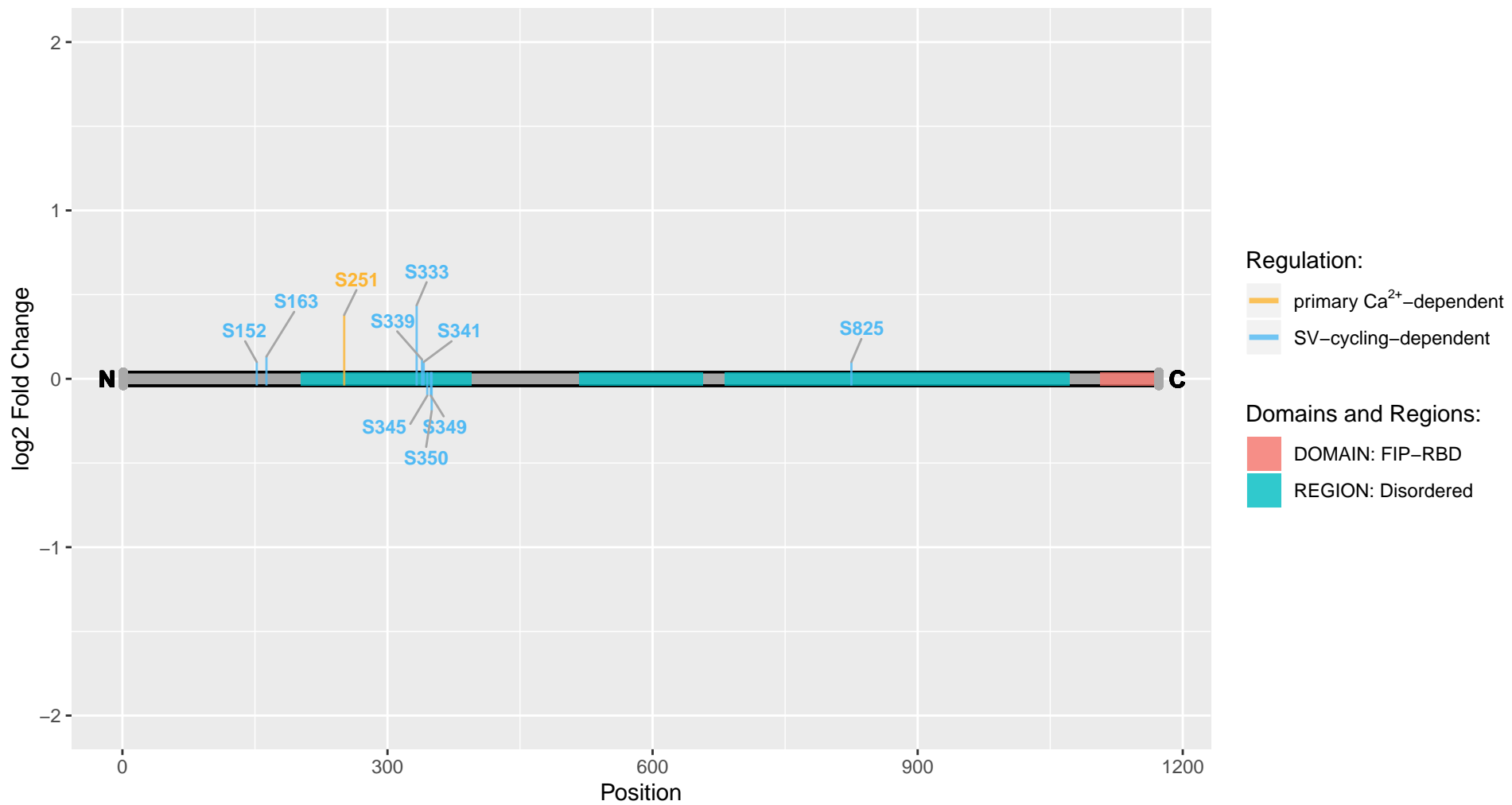
Similar to RIKEN cDNA 2310022B05



Rab11fip5

Uniprot Accession: A0A0G2K1W1

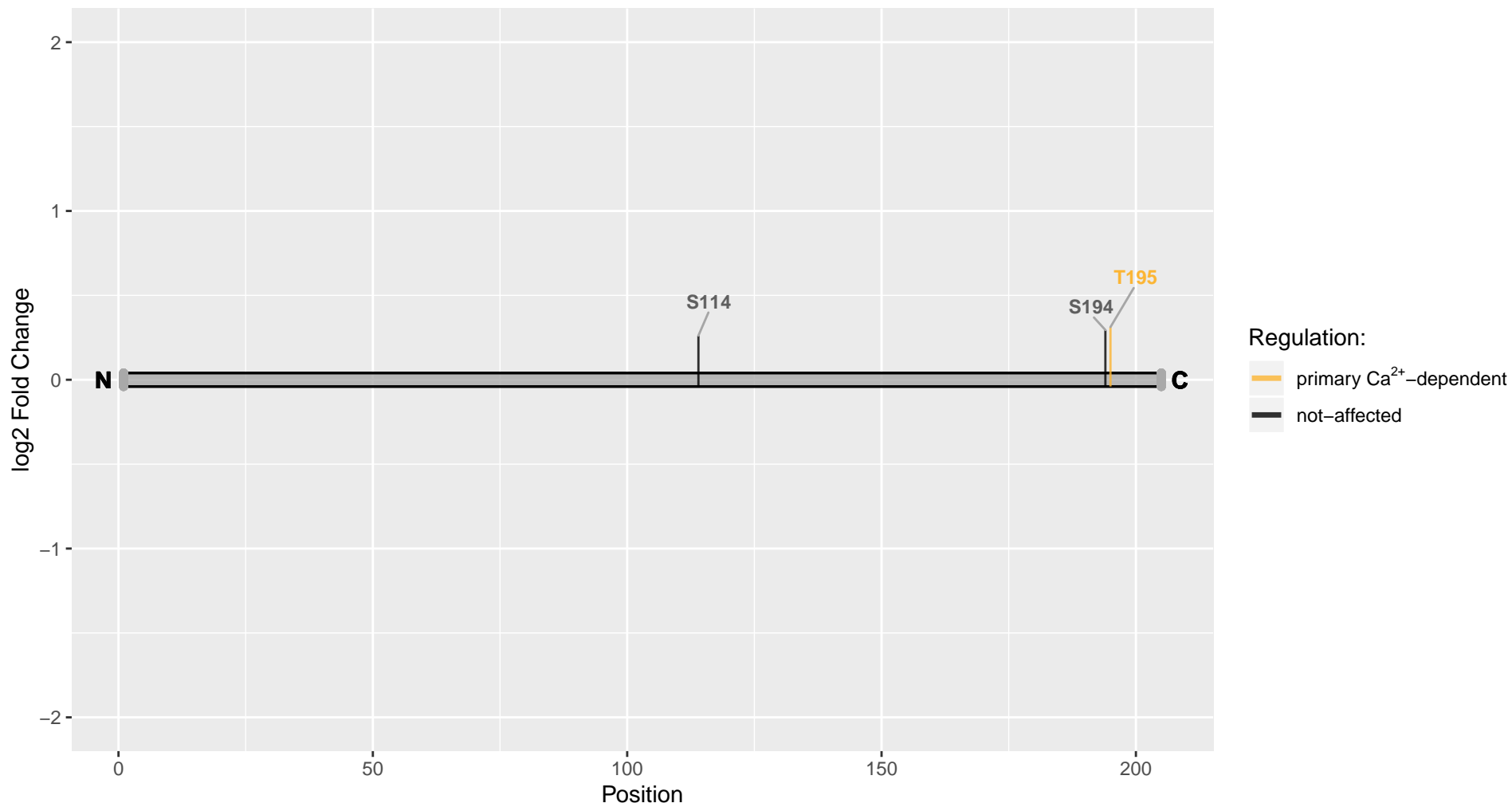
RAB11 family-interacting protein 5



Rab1A

Uniprot Accession: Q6NYB7

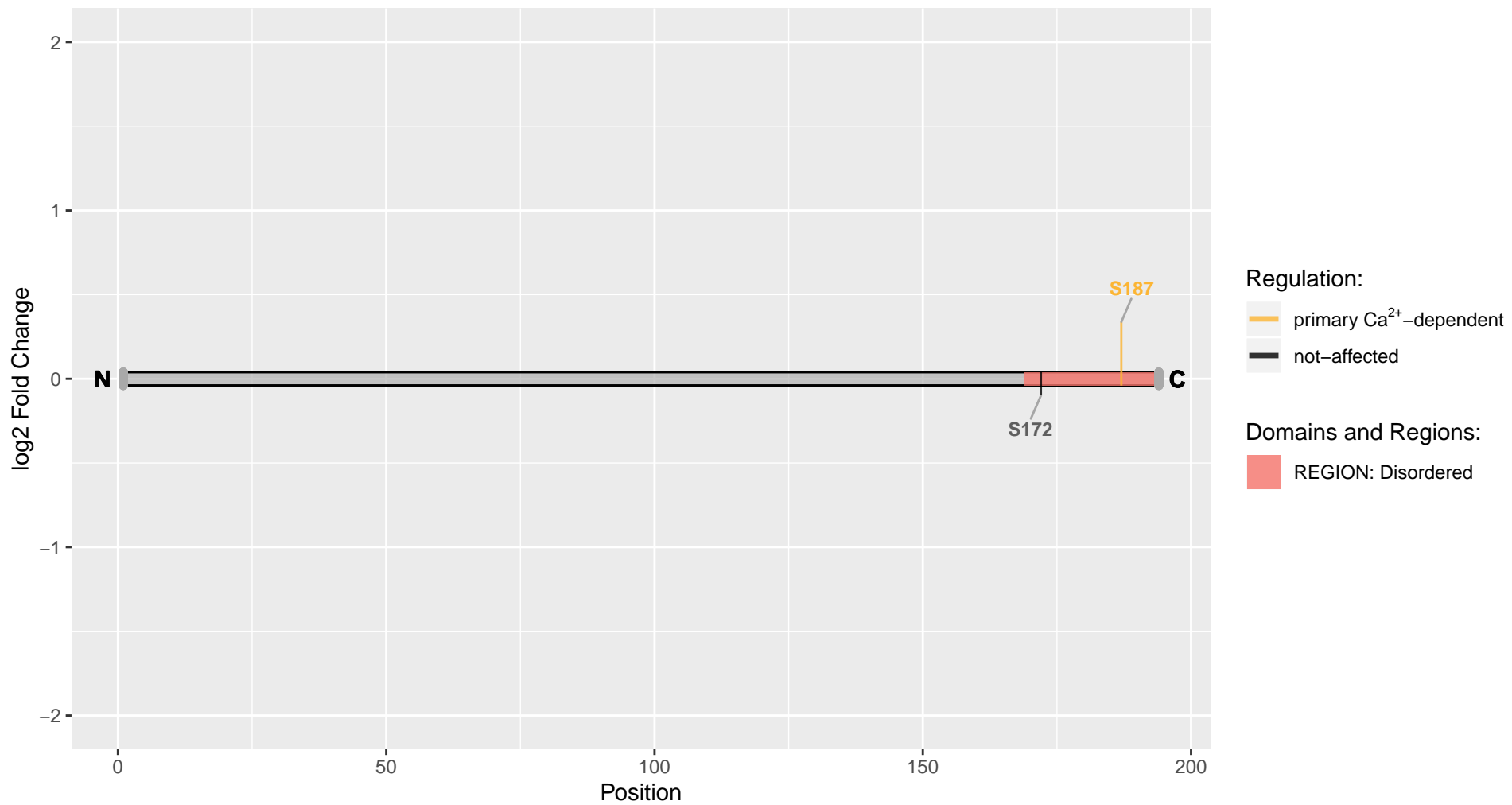
Ras-related protein Rab-1A



Rab22a

Uniprot Accession: B0BN19

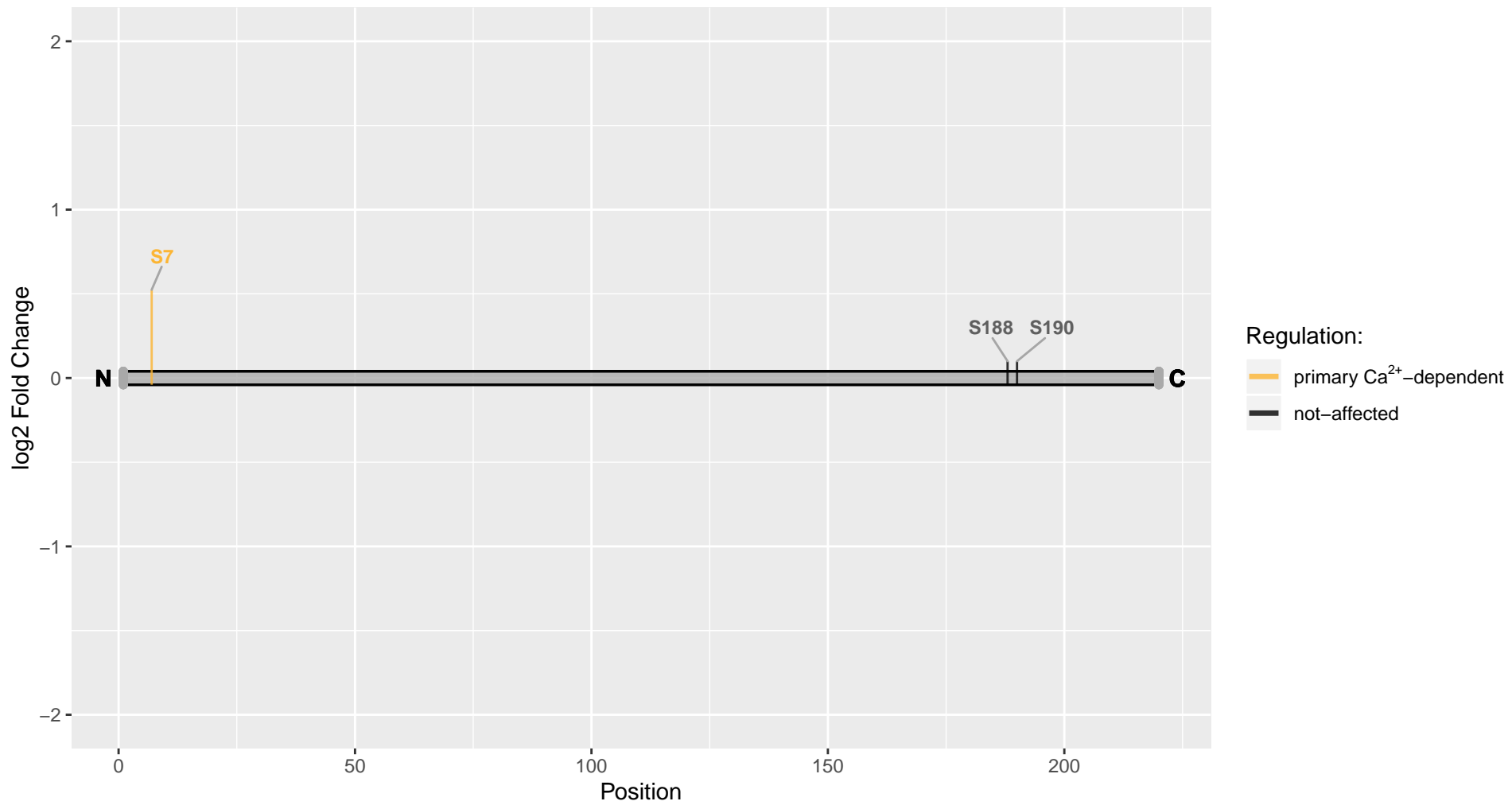
RAB22A, member RAS oncogene family



Rab3a

Uniprot Accession: P63012

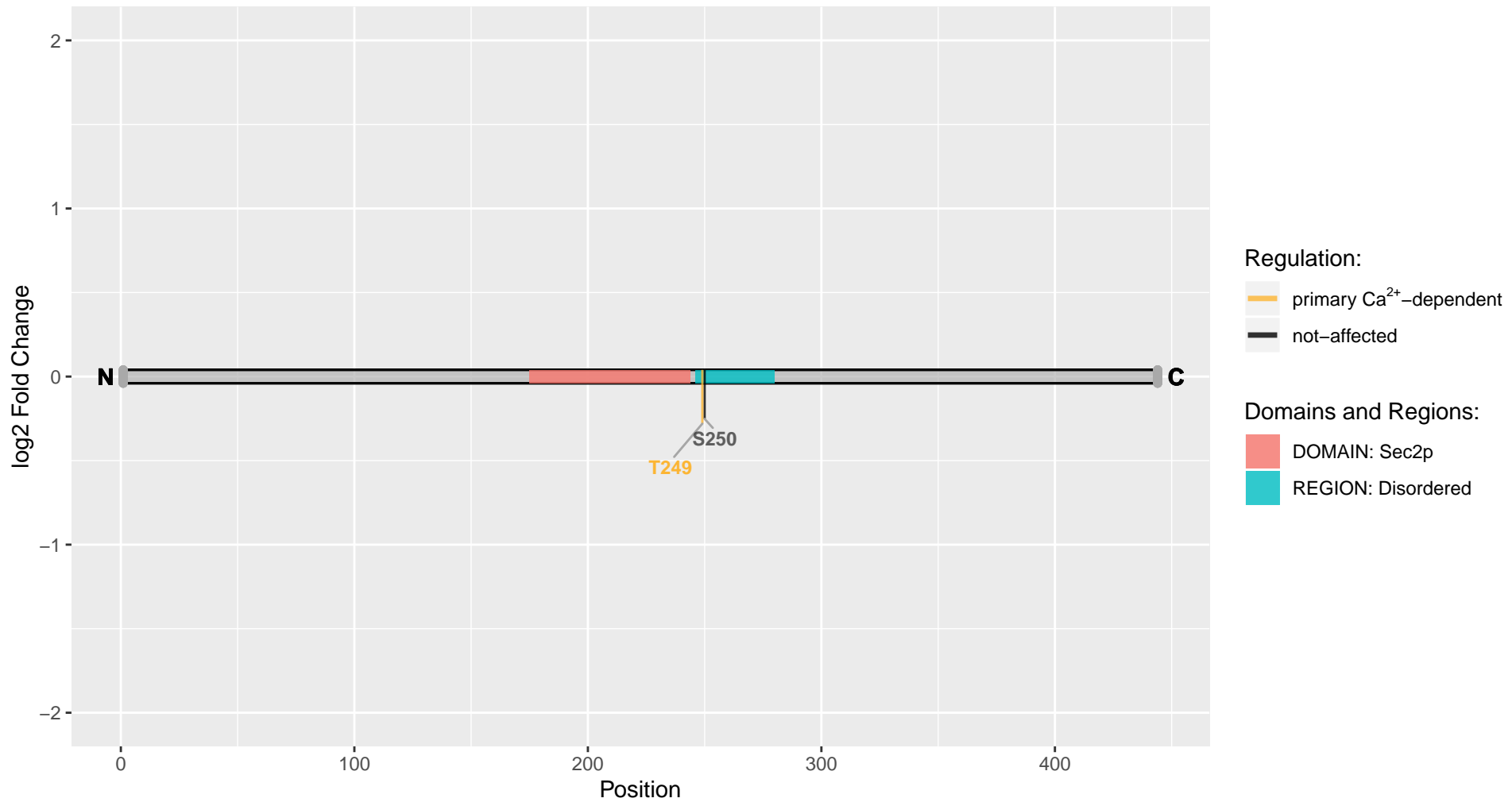
Ras-related protein Rab-3A



Rab3ip

Uniprot Accession: A0A0G2K1B4

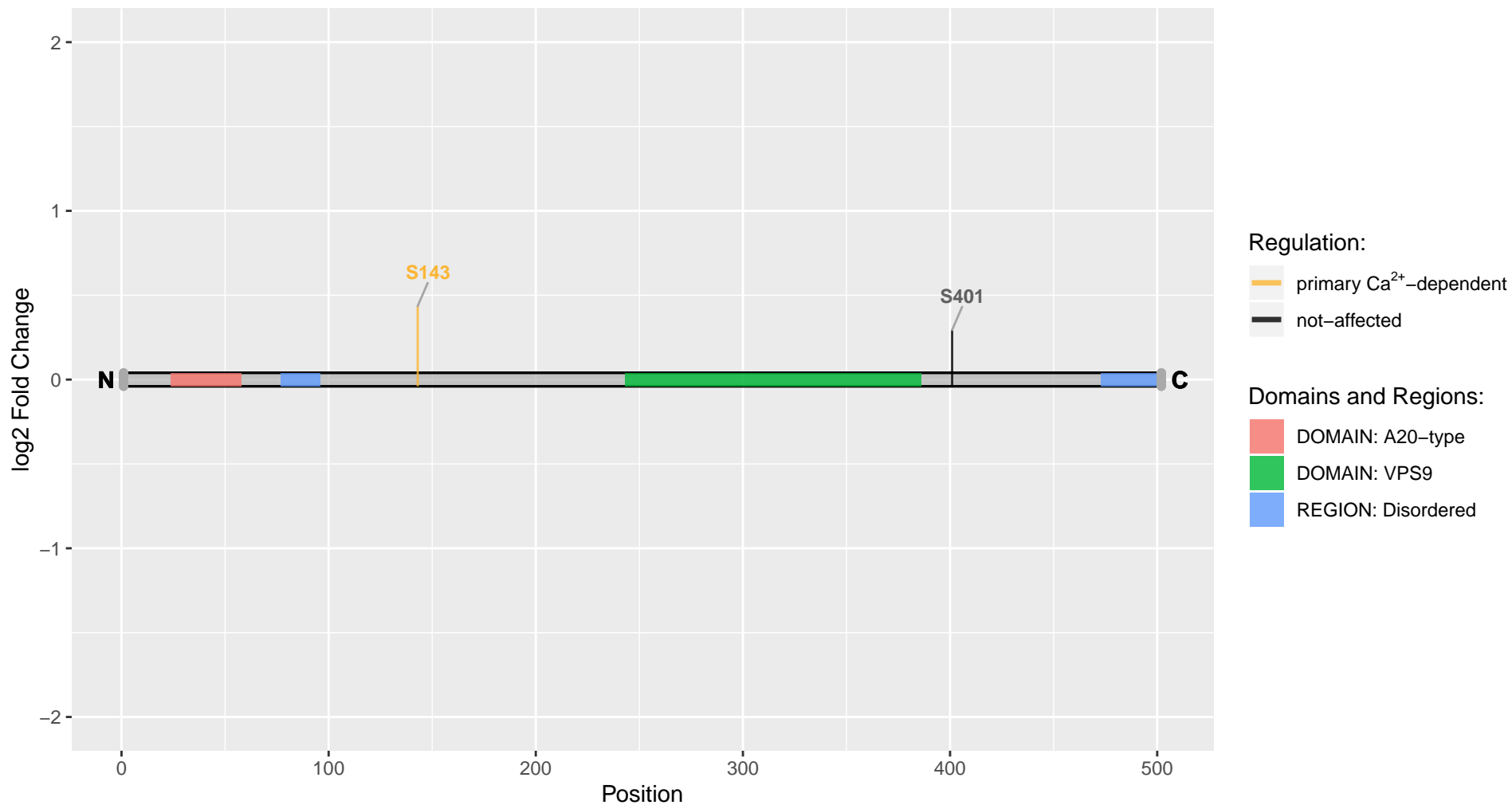
Rab-3A-interacting protein



Rabgef1

Uniprot Accession: G3V631

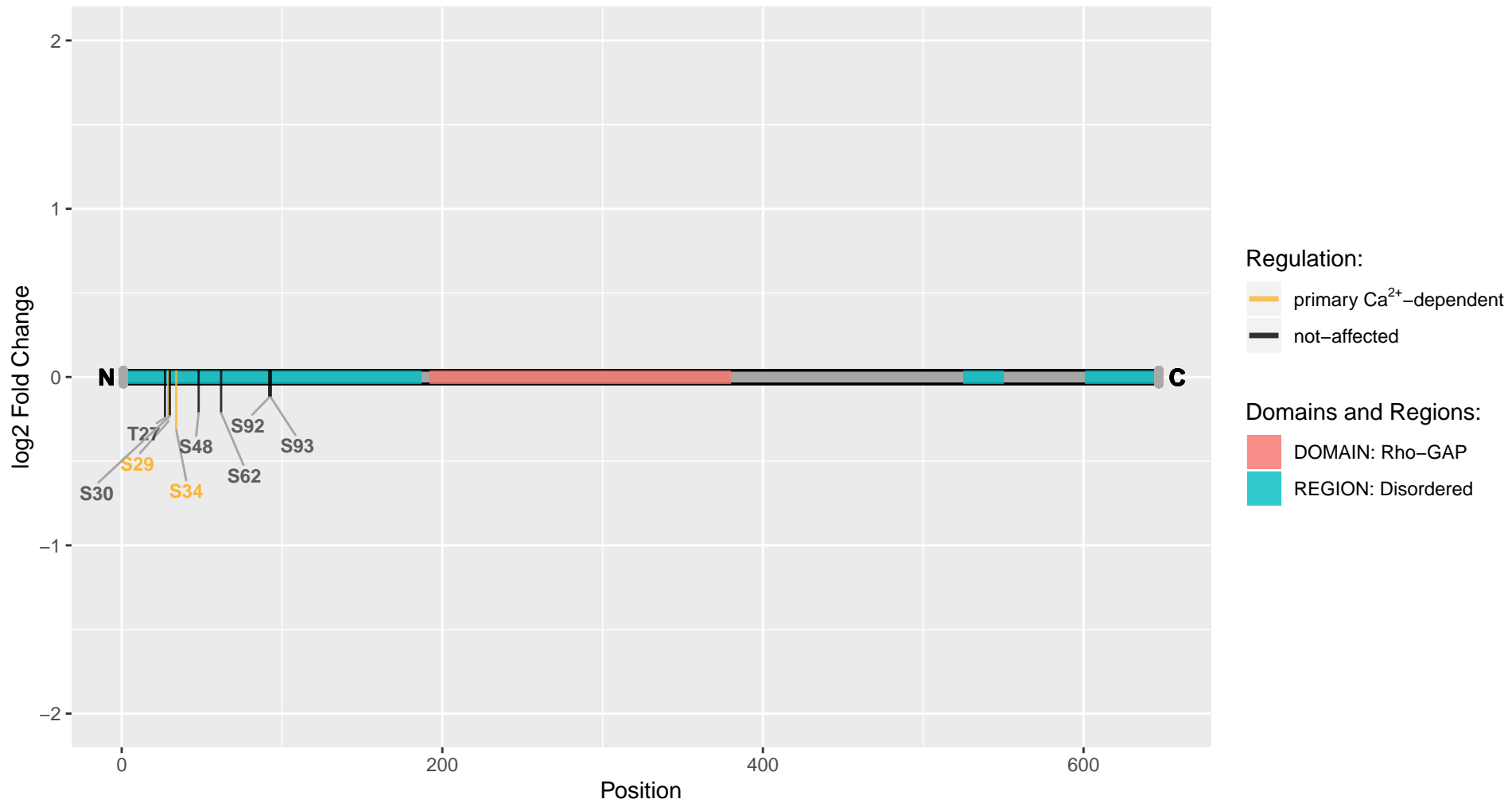
RAB guanine nucleotide exchange factor (GEF) 1 (Predicted), isoform CRA_a



Ralbp1

Uniprot Accession: Q5FVT1

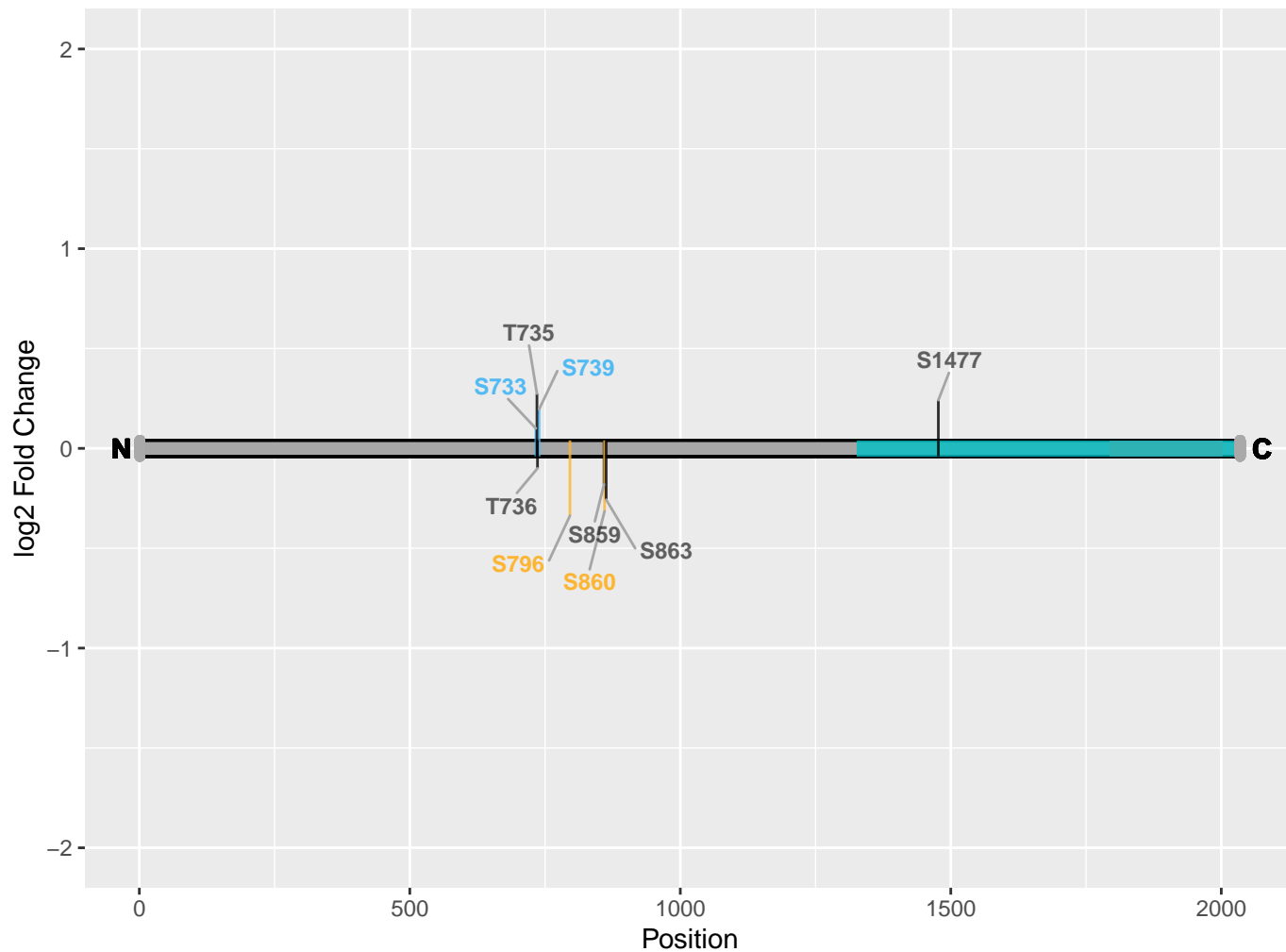
RCG55460, isoform CRA_a



Ralgapa1

Uniprot Accession: O55007

Ral GTPase-activating protein subunit alpha-1



Regulation:

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

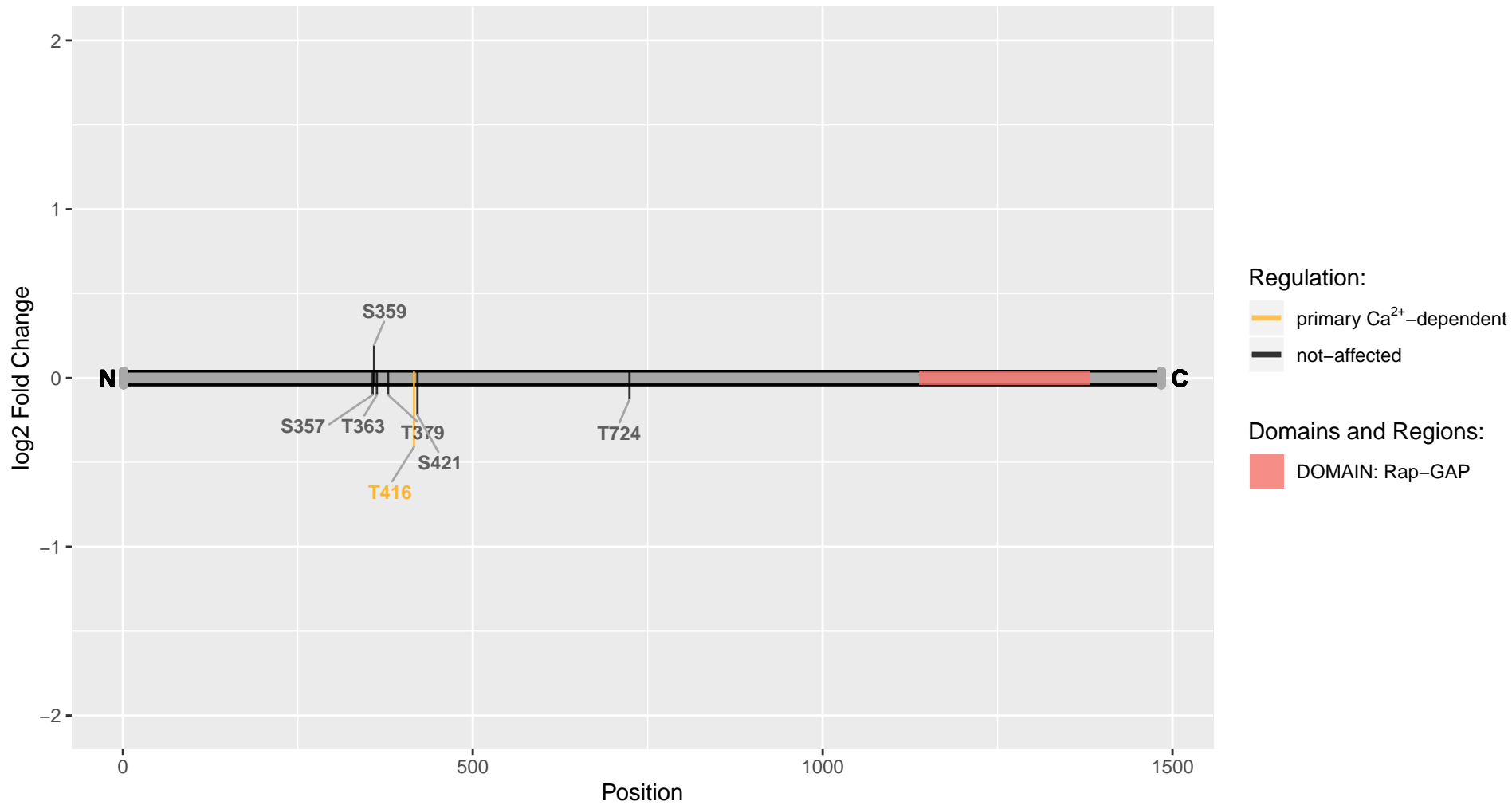
Domains and Regions:

- DOMAIN: Rap-GAP
- REGION: Minimal domain that binds to TCF3/E12

Ralgapb

Uniprot Accession: P86410

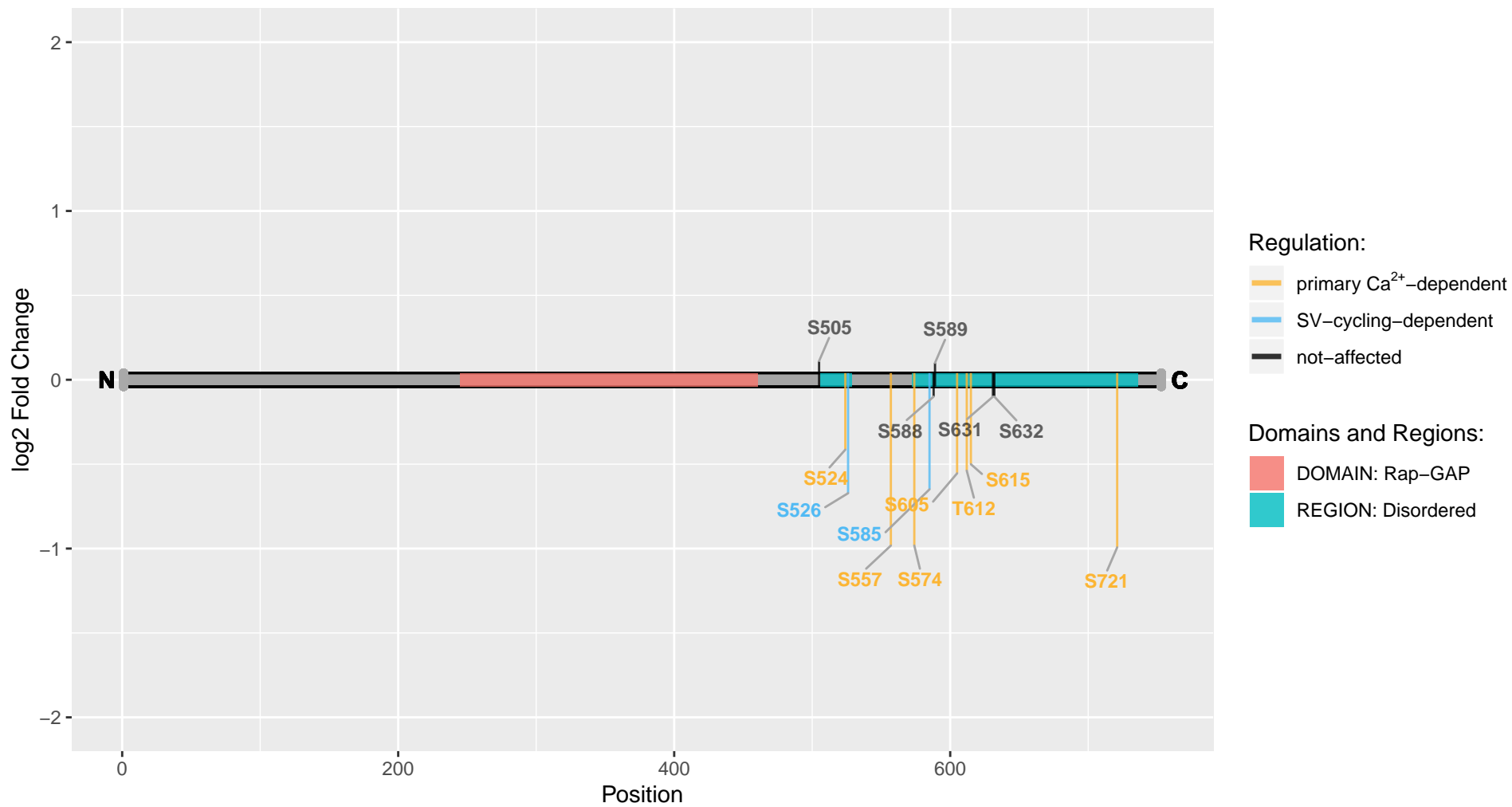
Ral GTPase-activating protein subunit beta



Rap1gap

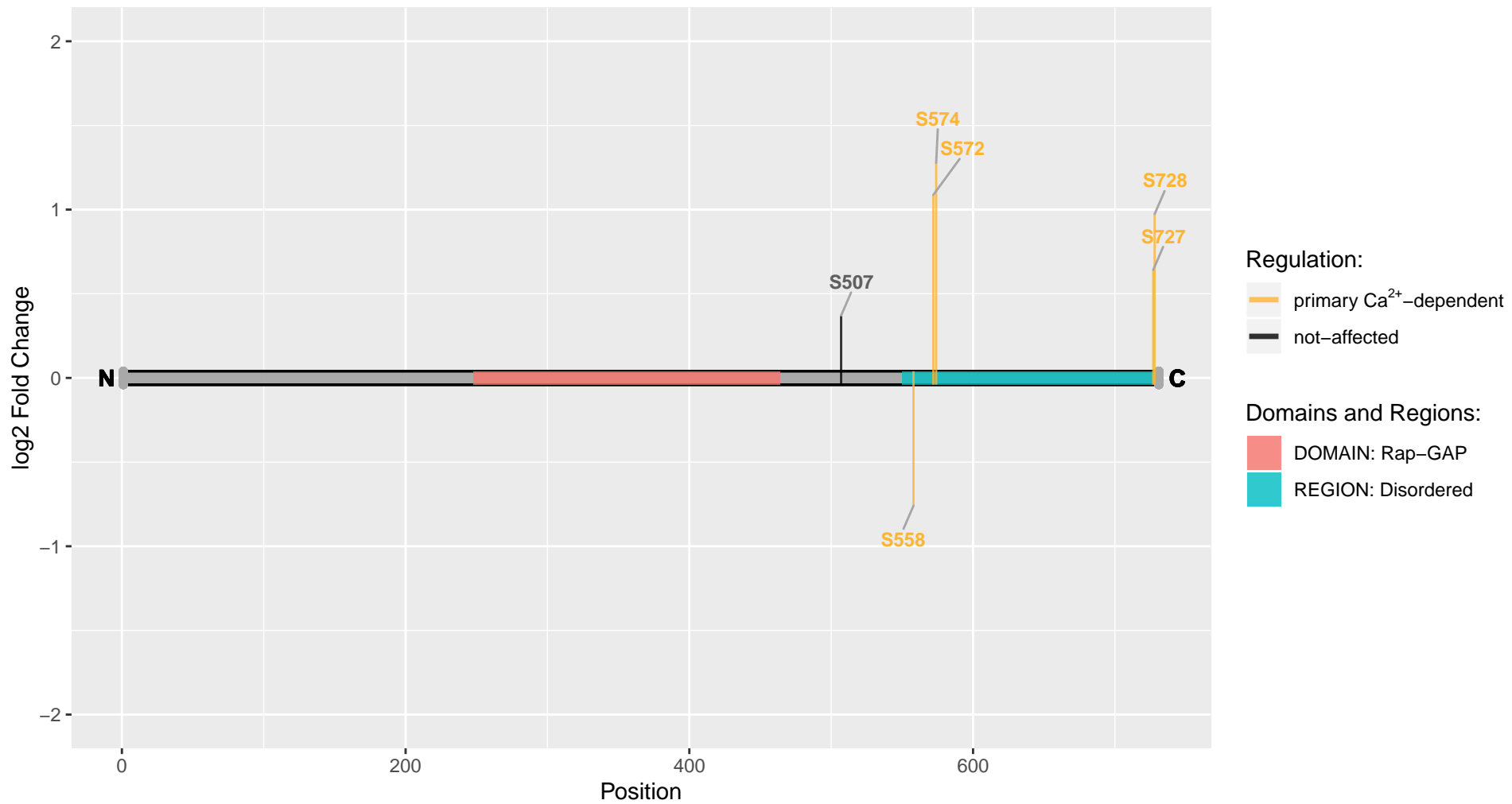
Uniprot Accession: F1LV89

Rap1 GTPase-activating protein



Rap1gap2

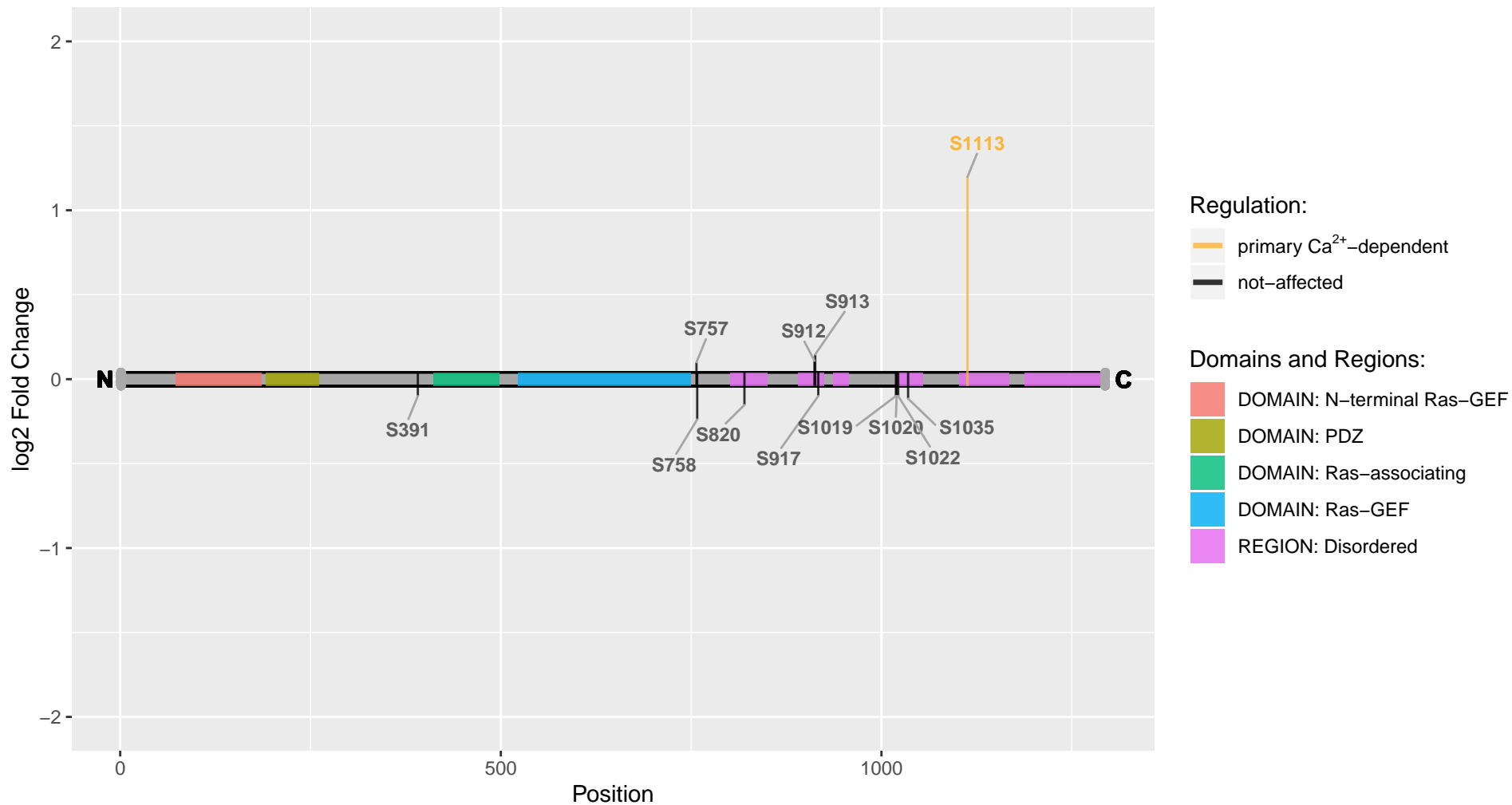
Uniprot Accession: A0A0G2K0S7
RAP1 GTPase-activating protein 2



Rapgef2

Uniprot Accession: A0A0A0MP77

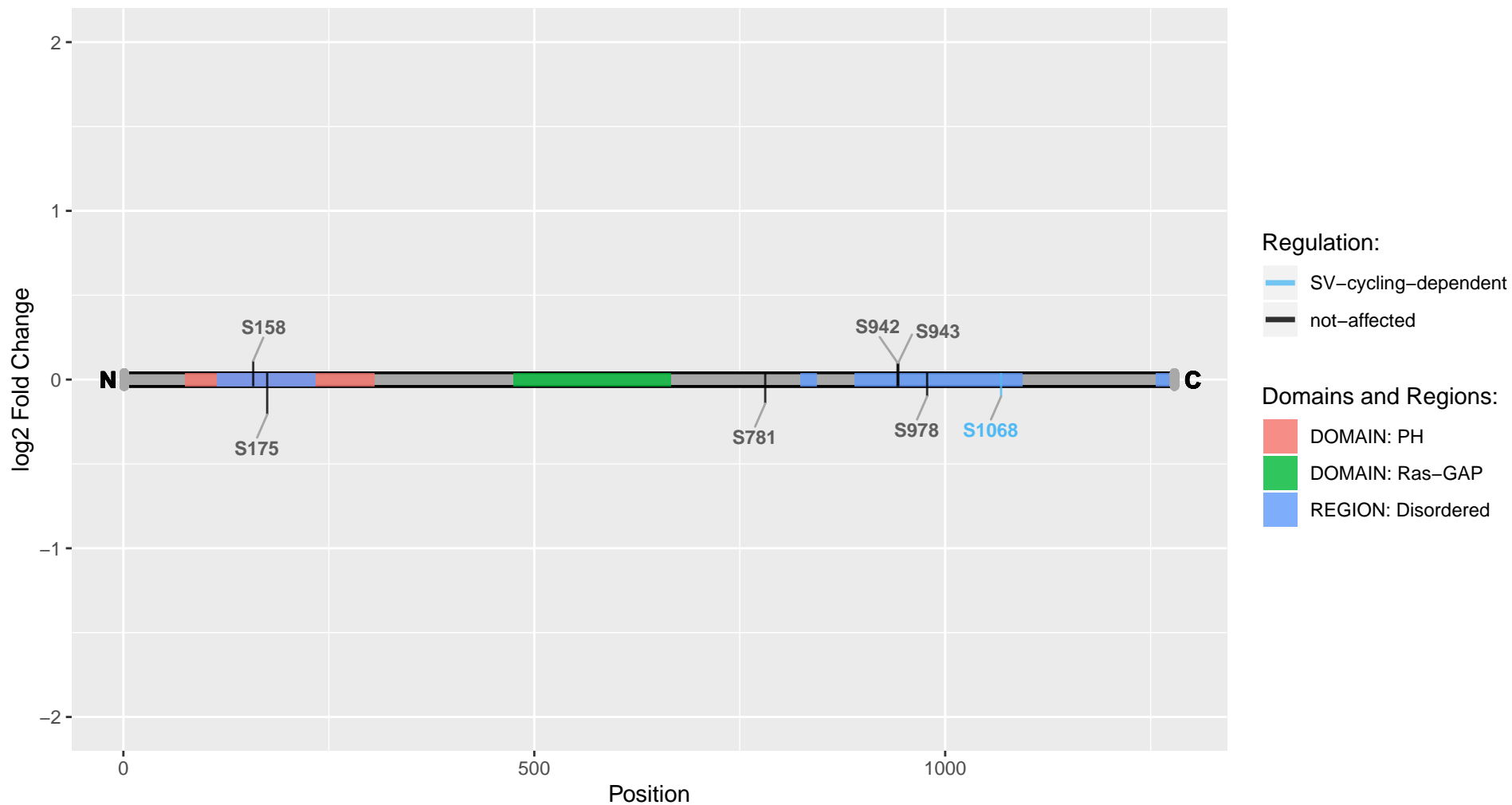
Rap guanine nucleotide exchange factor 2



Rasal2

Uniprot Accession: A0A0G2JTA7

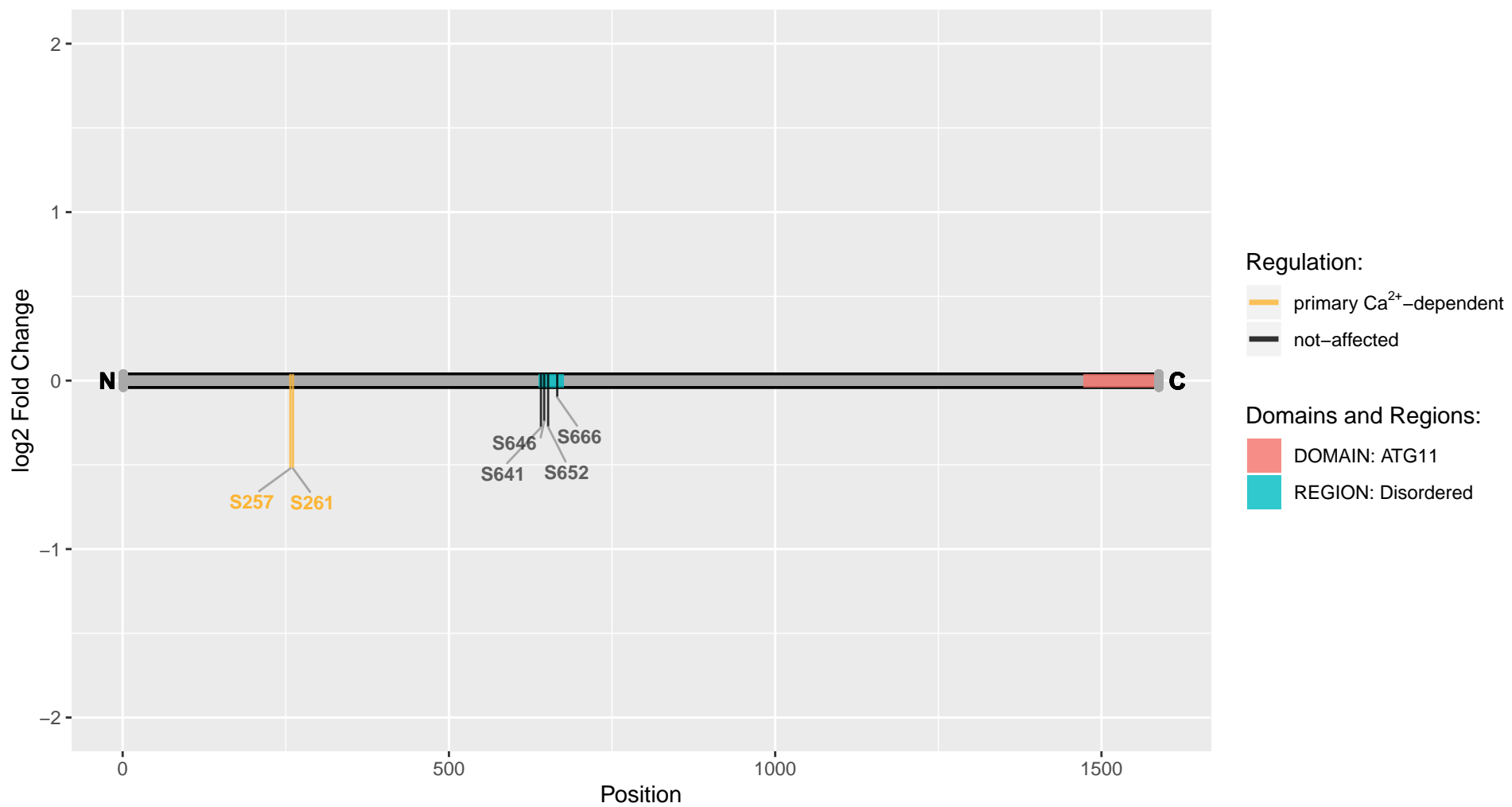
RAS protein activator-like 2



Rb1cc1

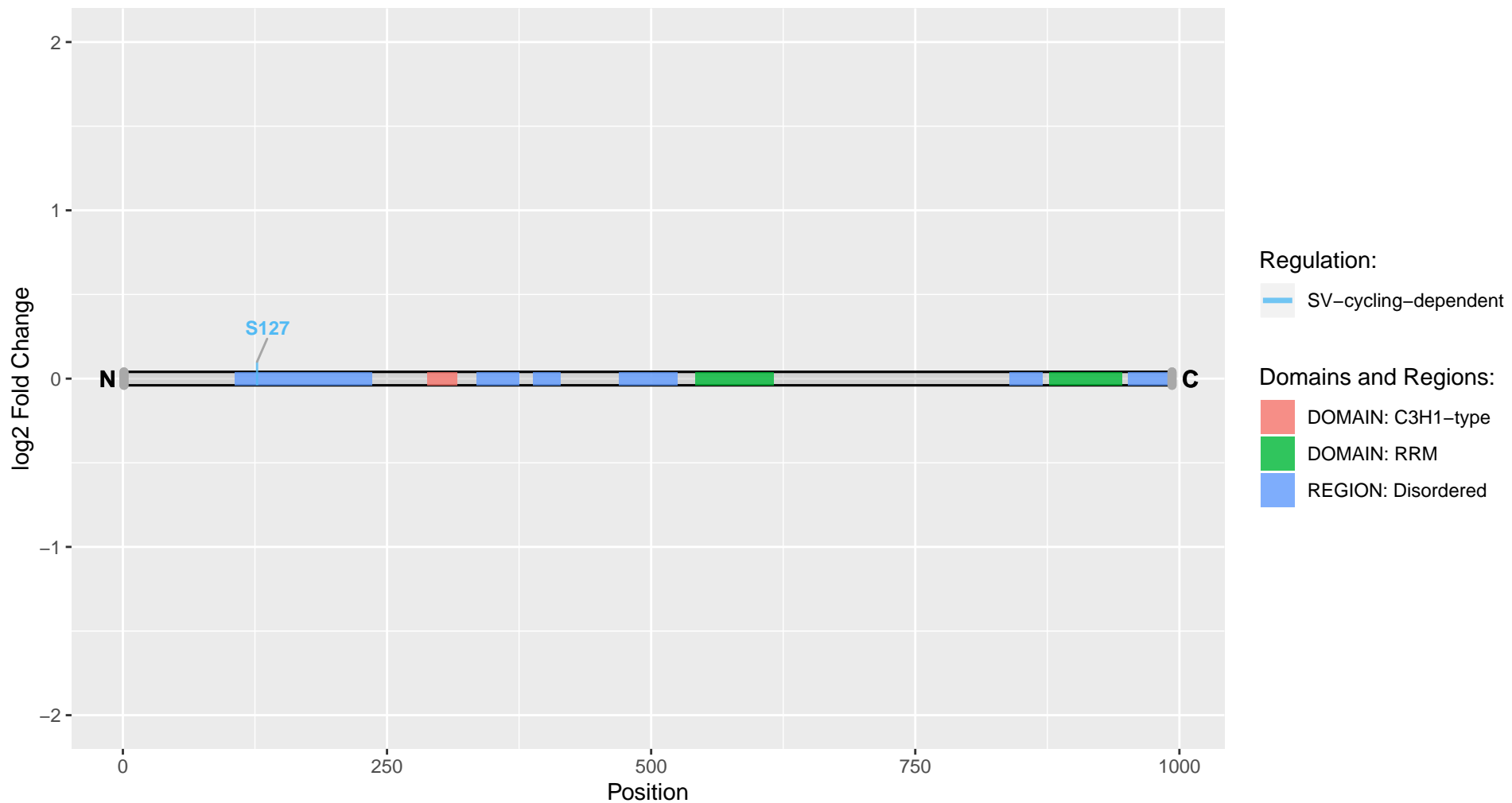
Uniprot Accession: D3ZHK4

RB1-inducible coiled-coil 1



Rbm26

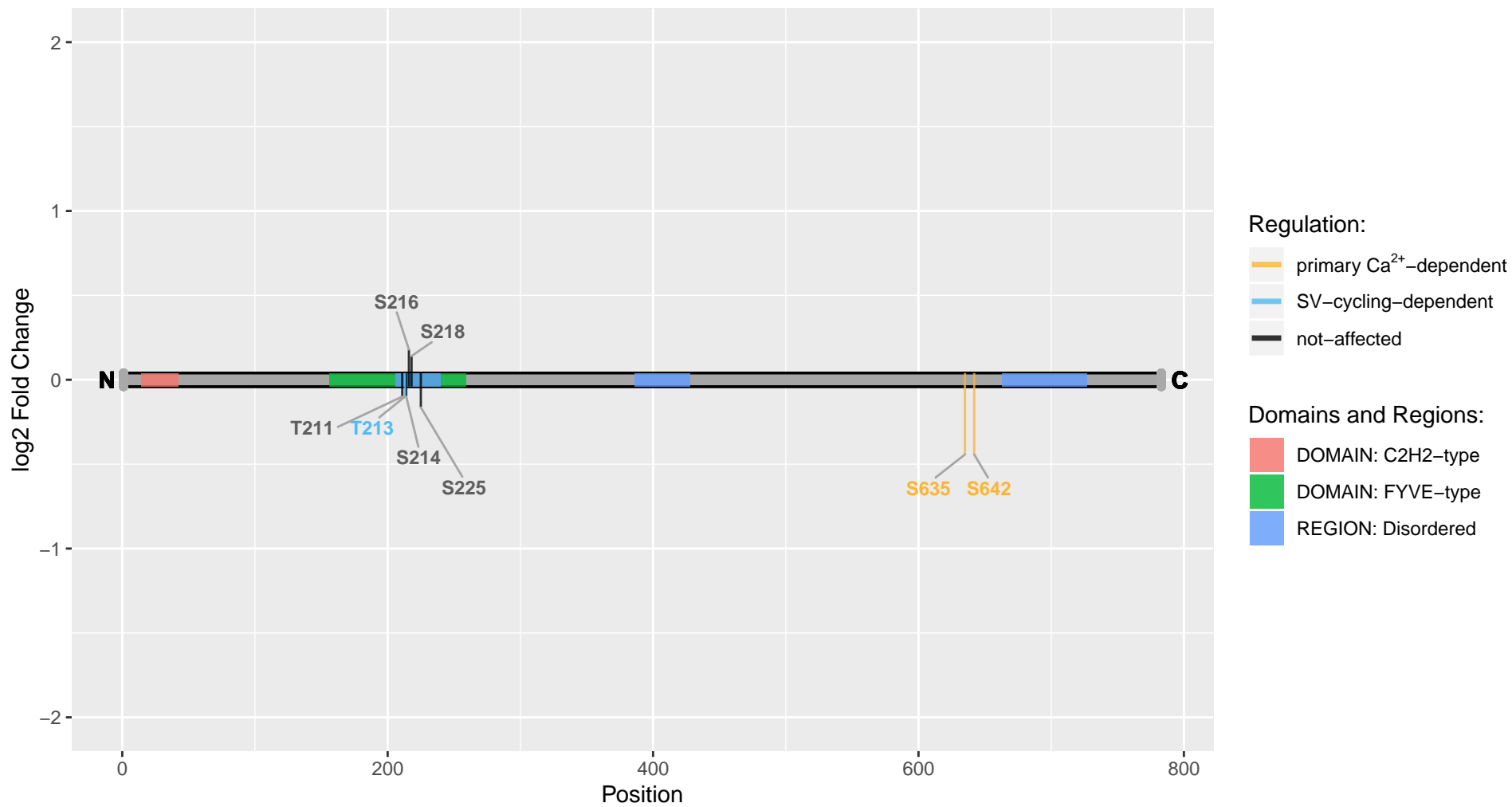
Uniprot Accession: D3ZRC3
RNA-binding motif protein 26



Rbsn

Uniprot Accession: D3ZL11

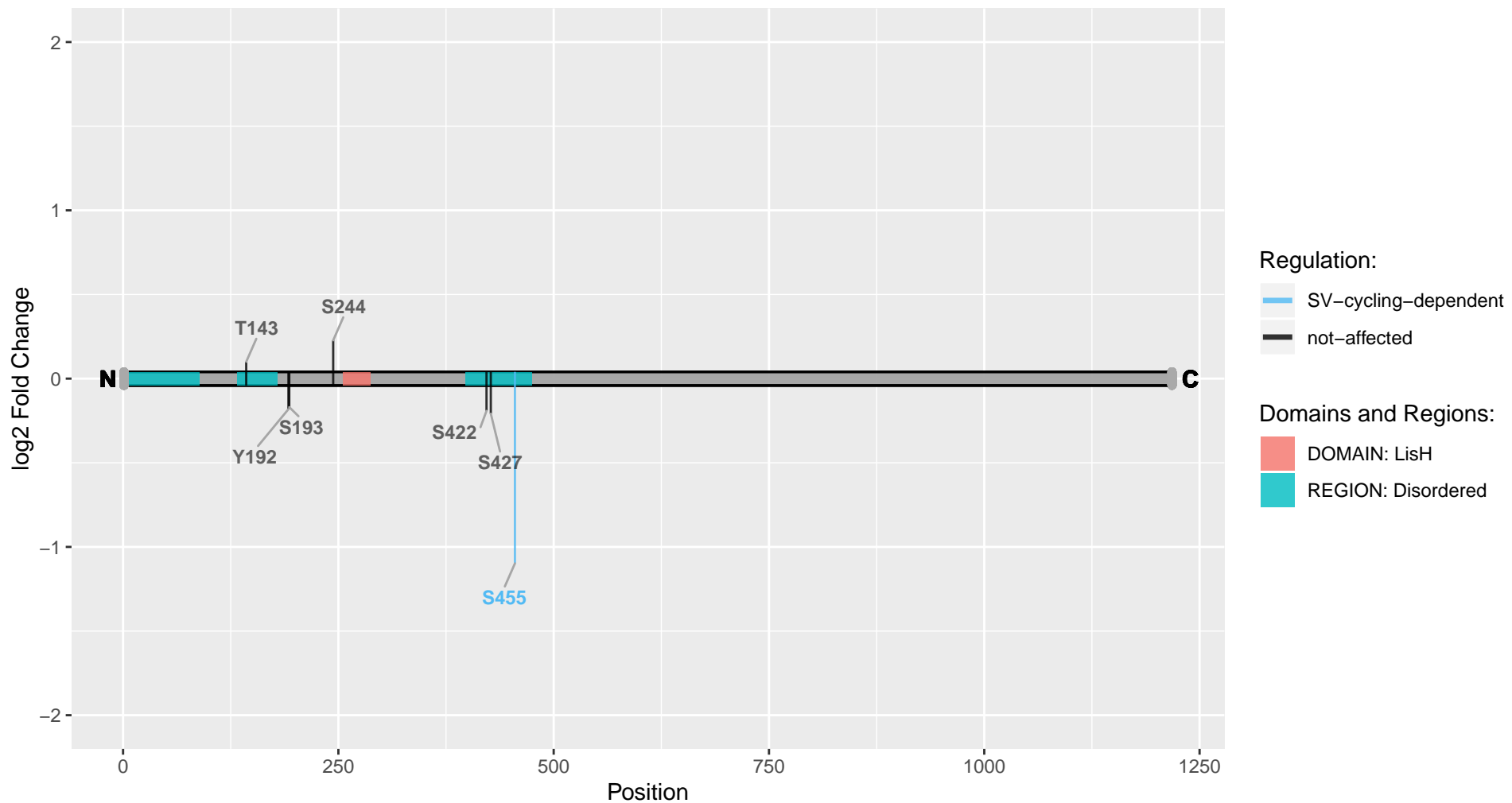
Rabenosyn, RAB effector



Relch

Uniprot Accession: D3ZJ01

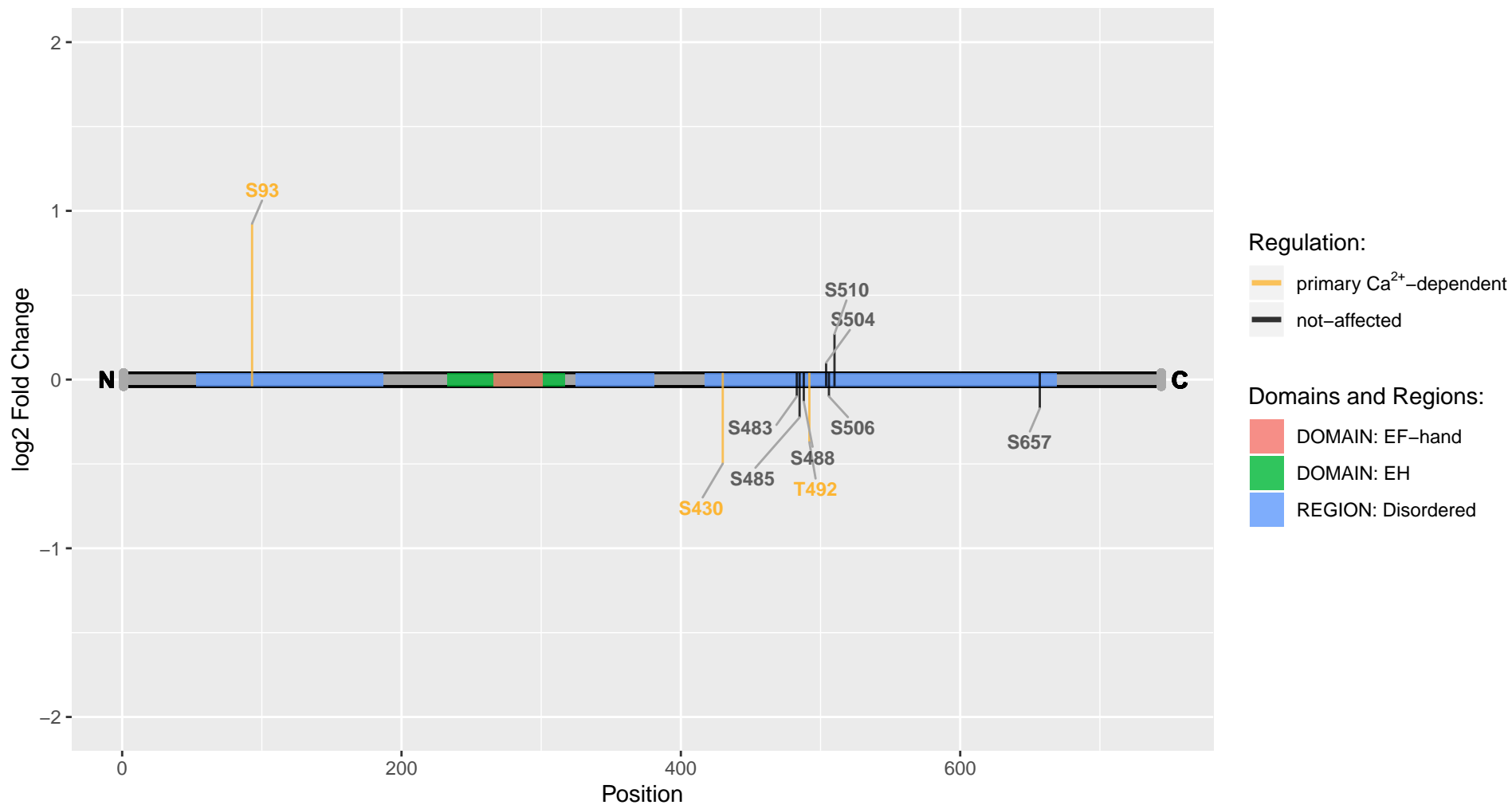
RAB11-binding and LisH domain, coiled-coil and HEAT repeat-containing



Reps1

Uniprot Accession: A0A0G2JZY3

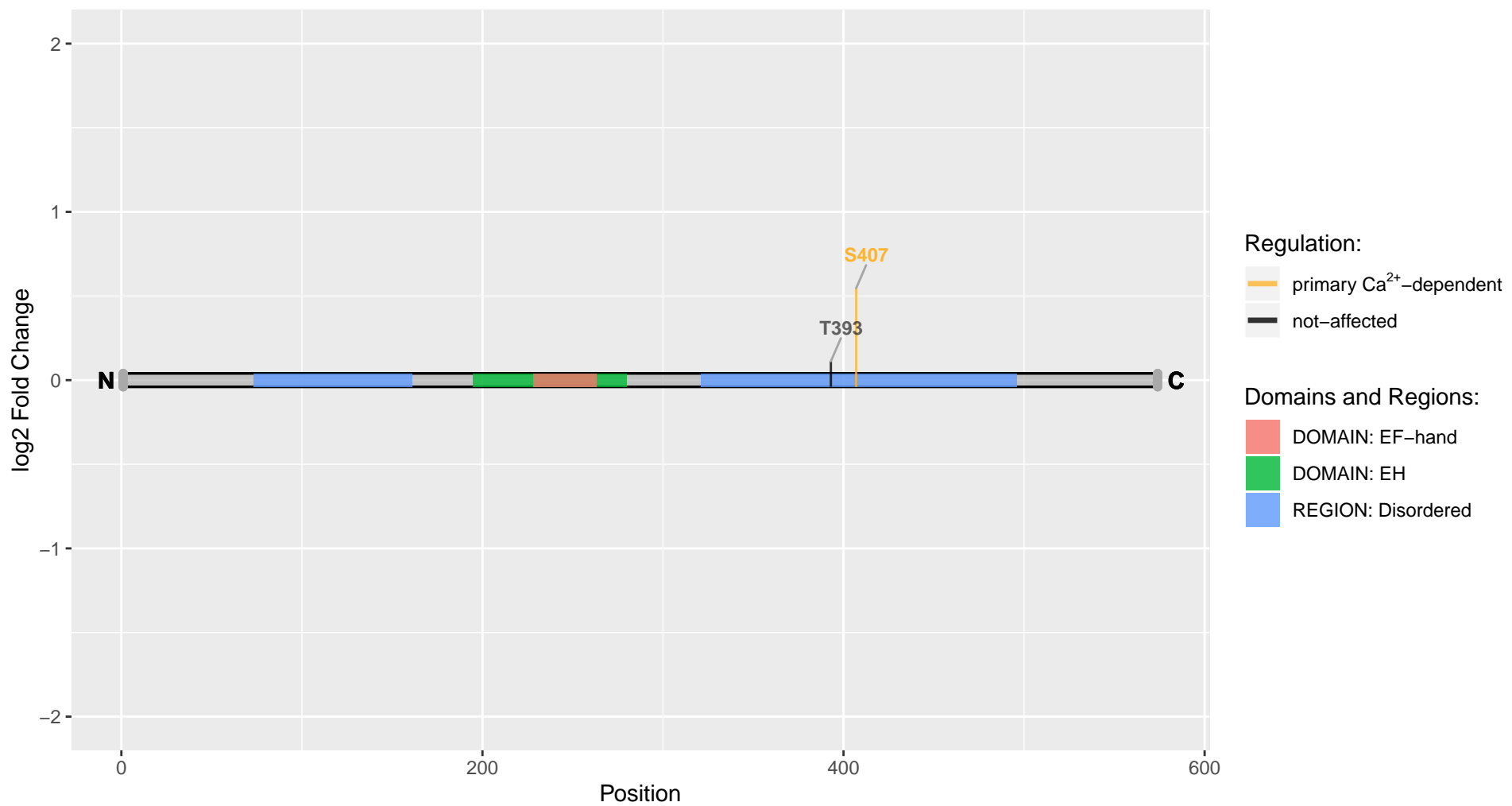
RALBP1-associated Eps domain-containing 1



Reps2

Uniprot Accession: A0A0G2K1L4

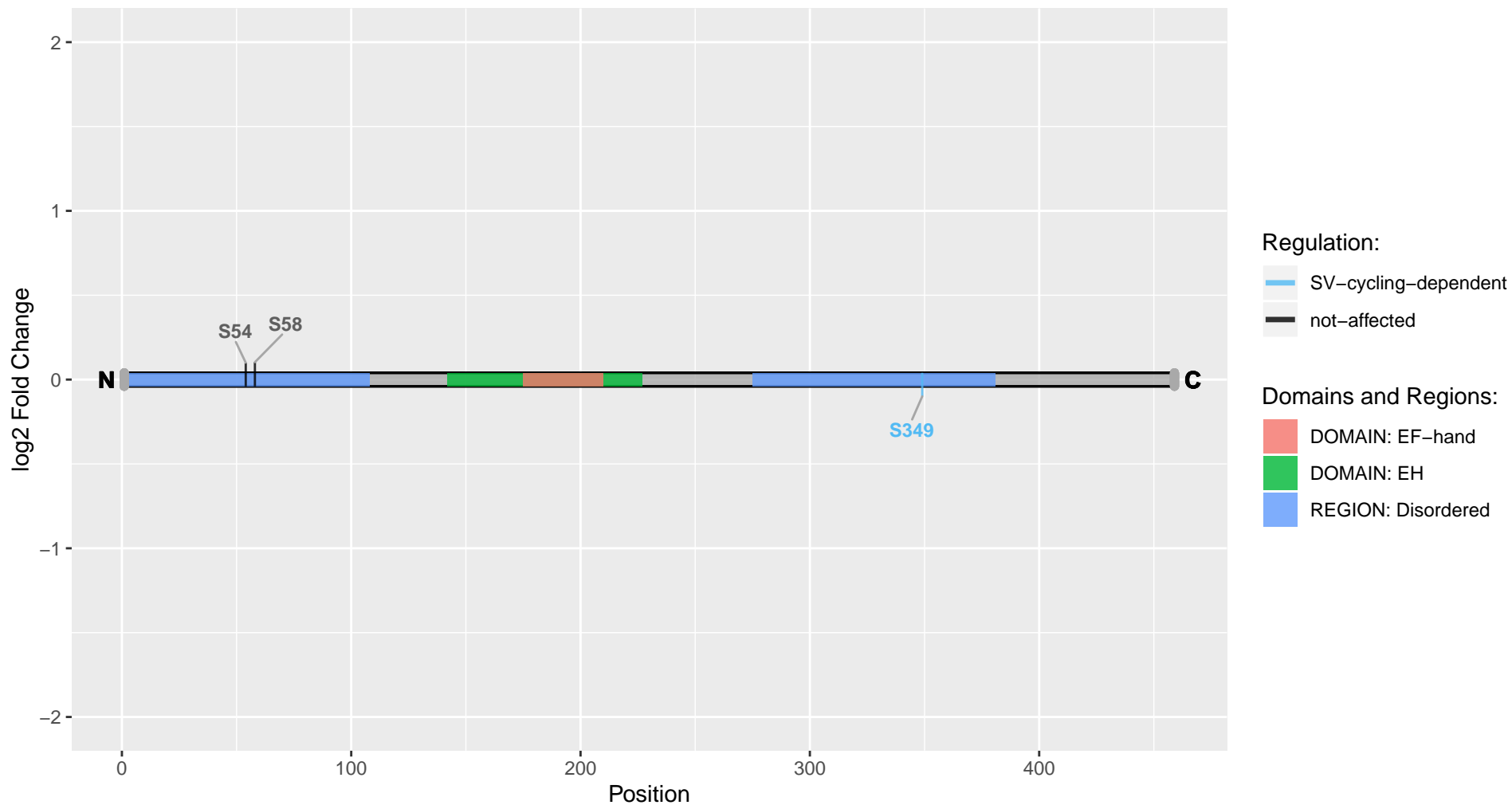
RALBP1 associated Eps domain containing protein 2



Reps2

Uniprot Accession: A0A0G2K285

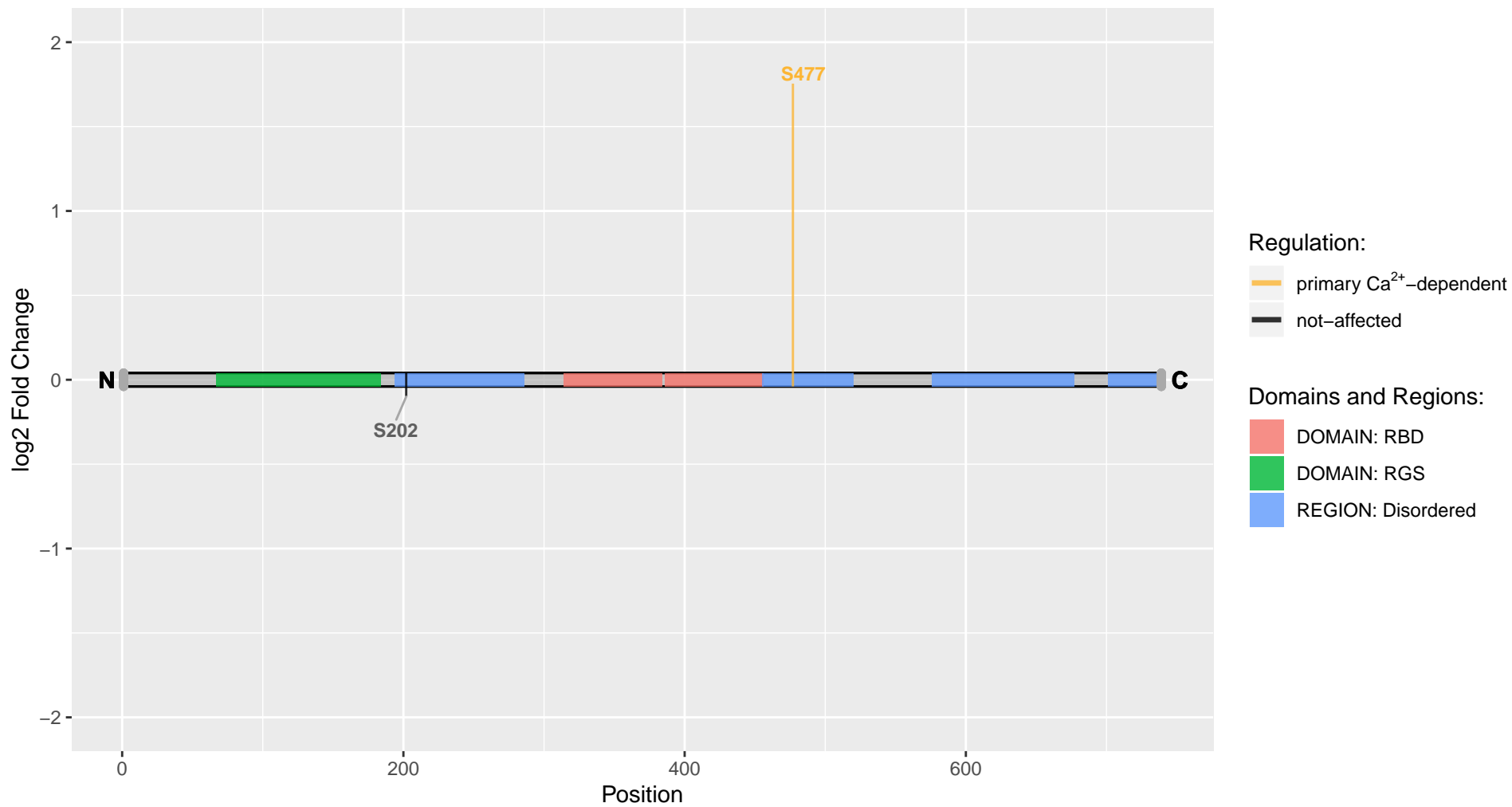
RALBP1 associated Eps domain containing protein 2



Rgs12

Uniprot Accession: A0A0G2K326

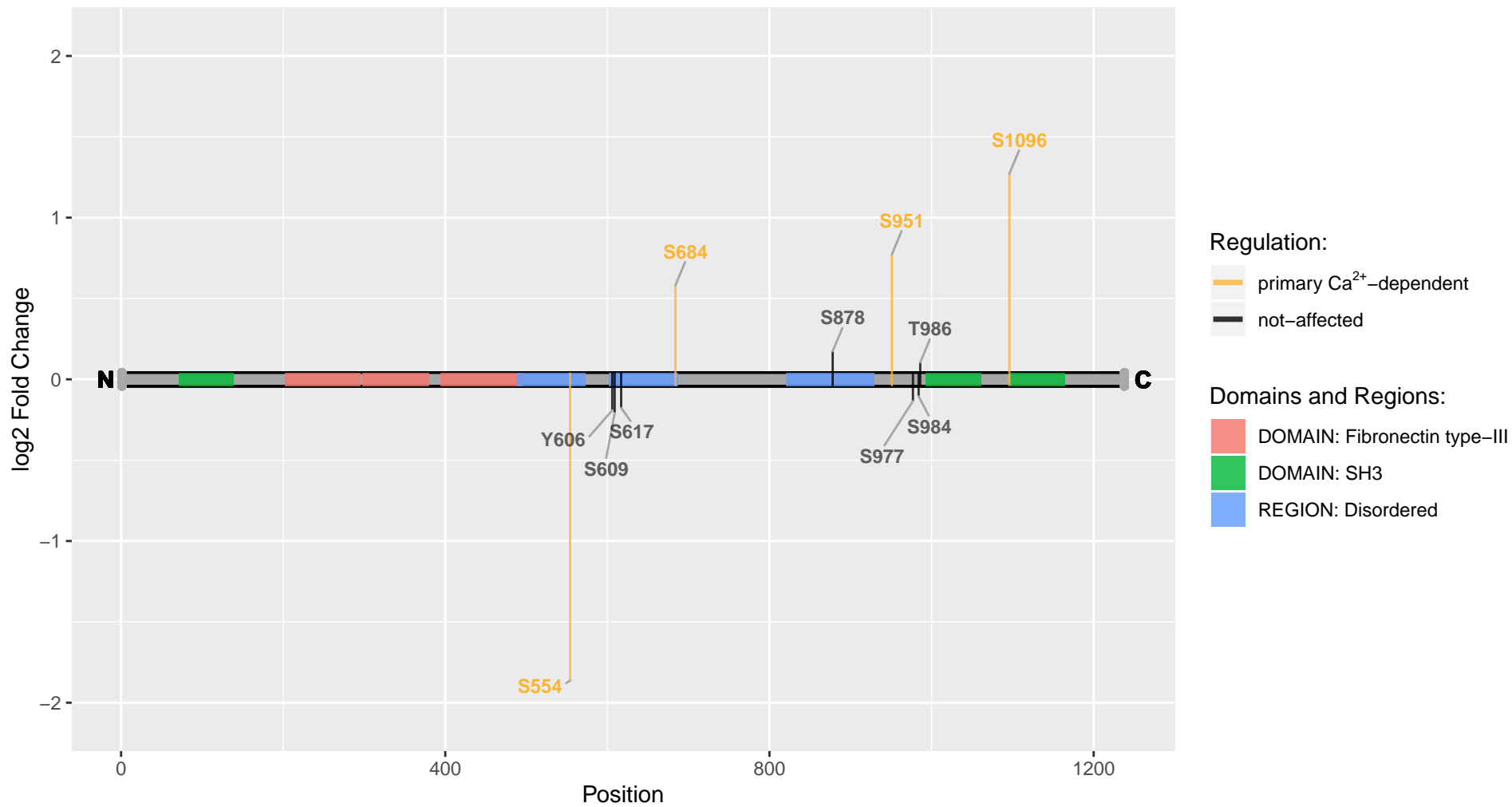
Regulator of G-protein signaling 12, isoform CRA_b



Rimbp2

Uniprot Accession: A0A0G2K4J8

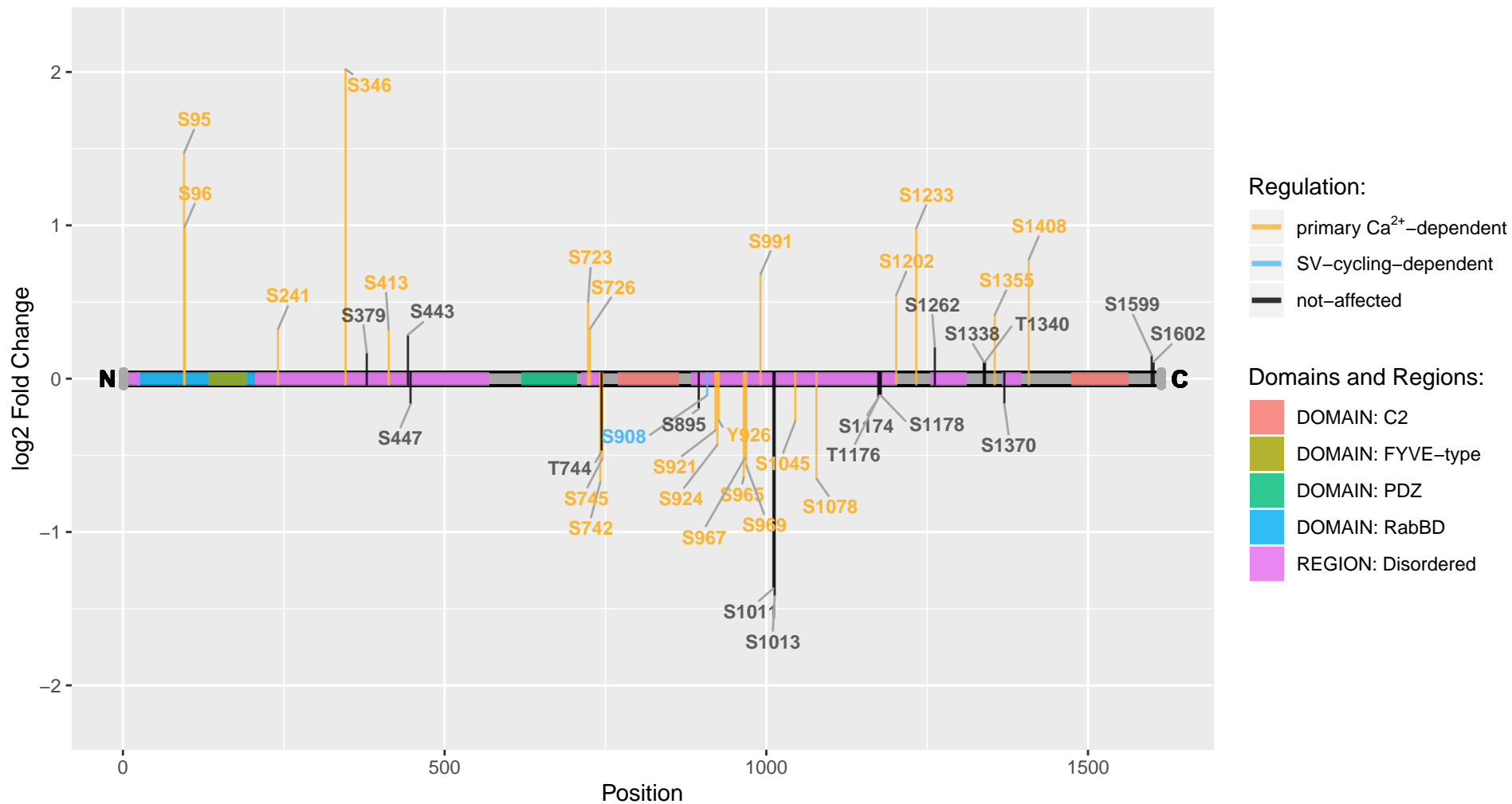
RIMS-binding protein 2



Rims1

Uniprot Accession: A0A0G2JT77

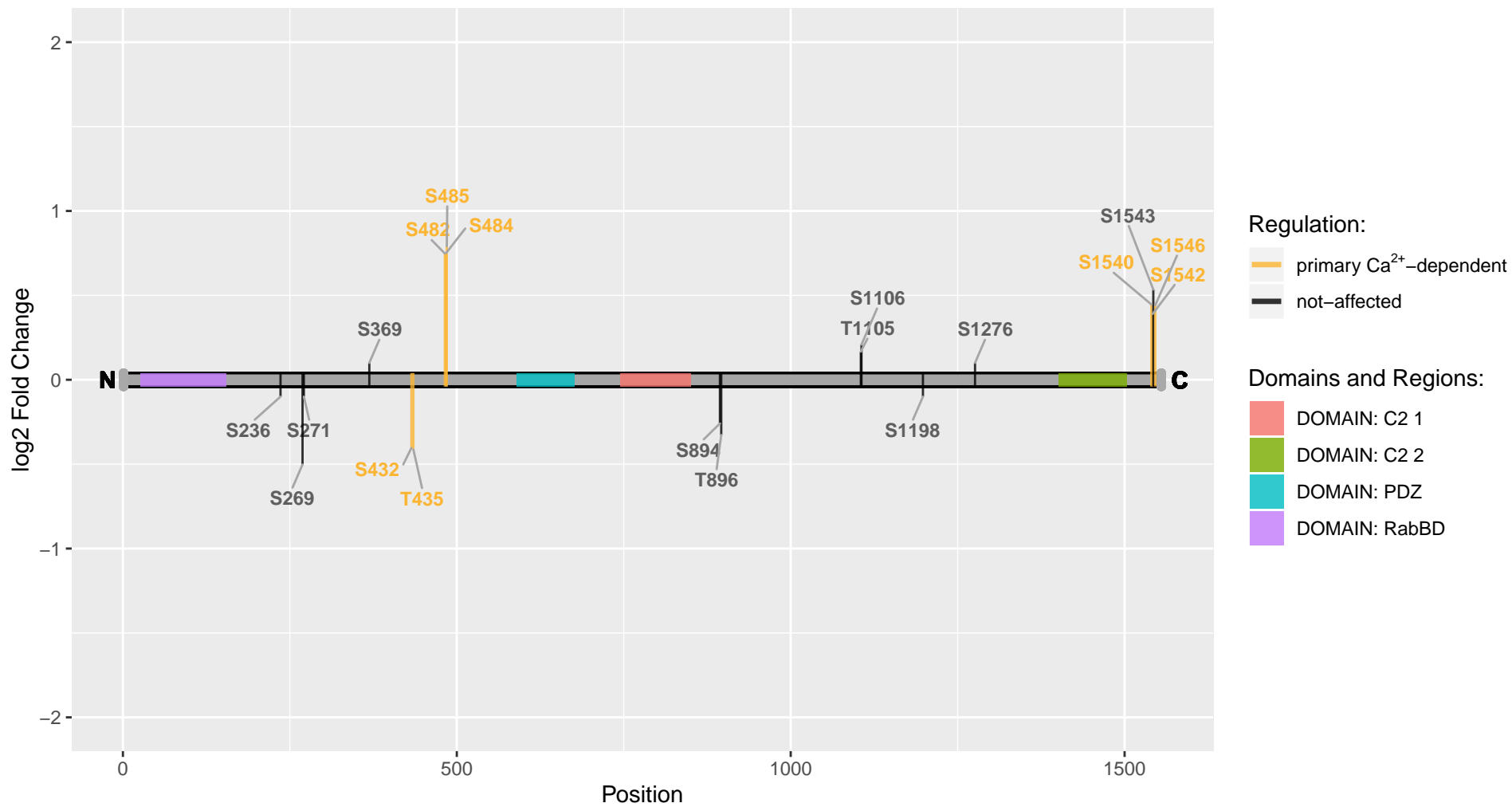
Regulating synaptic membrane exocytosis protein 1



Rims2

Uniprot Accession: Q9JIS1

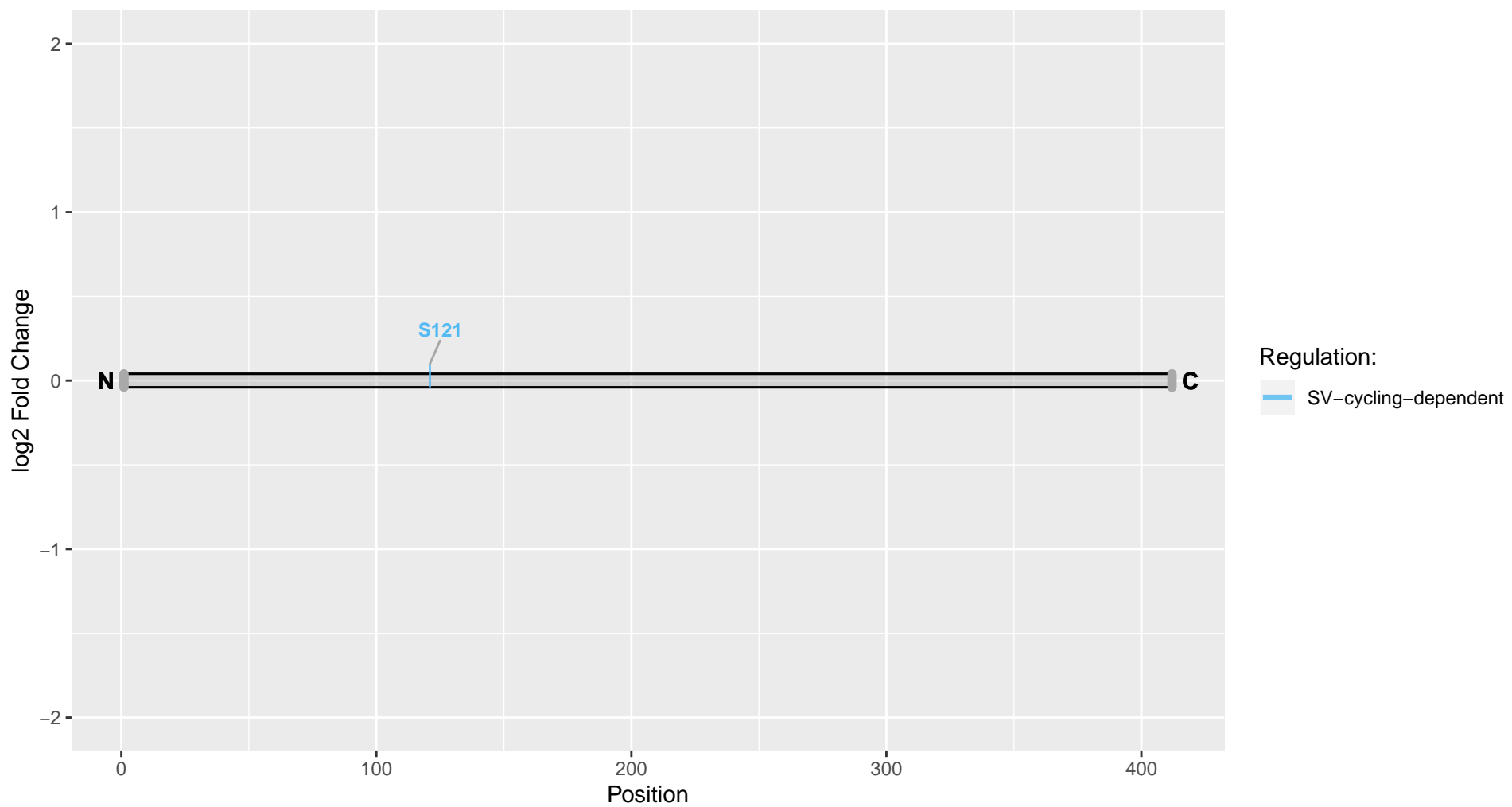
Regulating synaptic membrane exocytosis protein 2



Rmdn2

Uniprot Accession: Q498D5

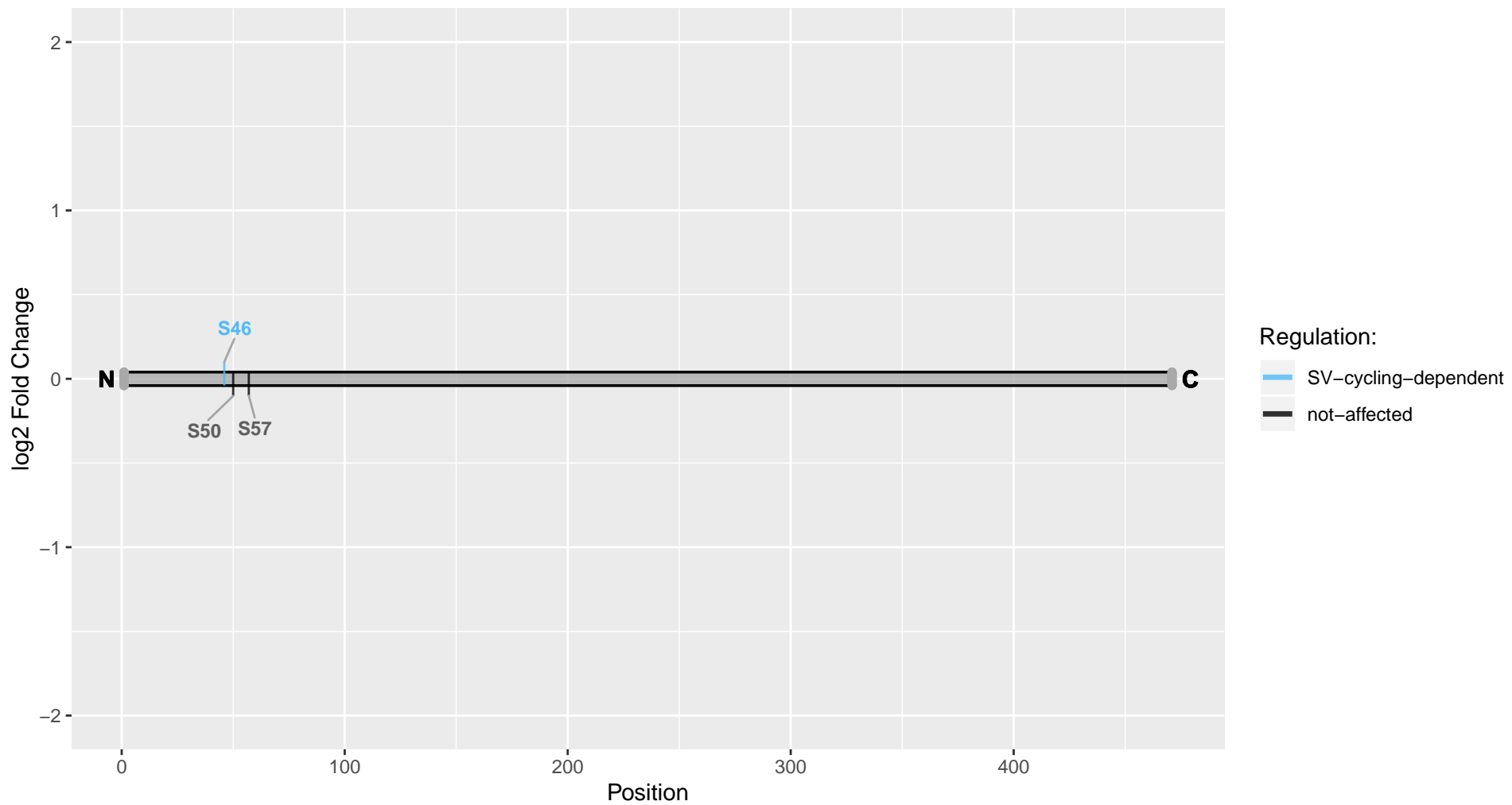
Regulator of microtubule dynamics protein 2



Rmdn3

Uniprot Accession: Q66H15

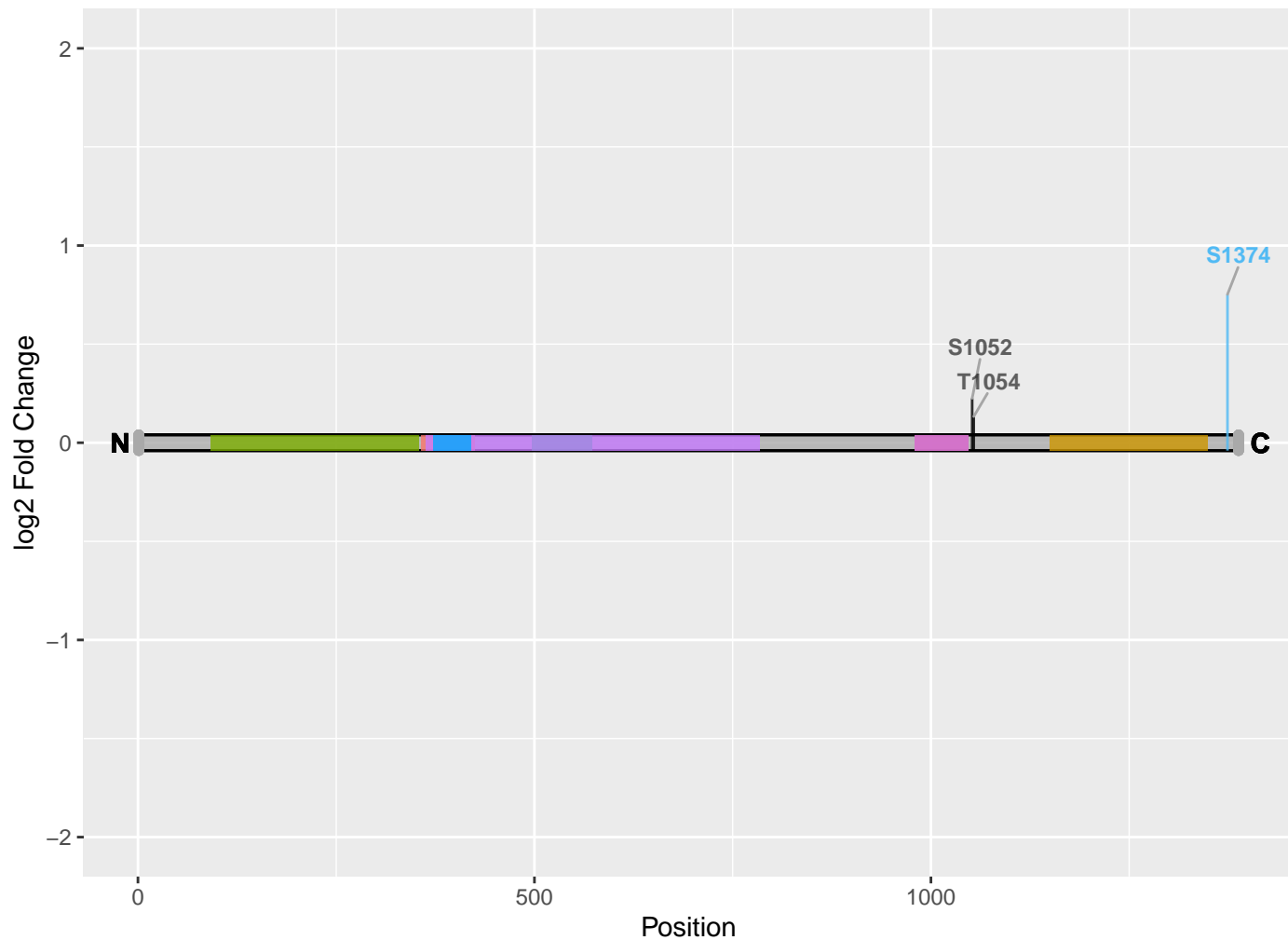
Regulator of microtubule dynamics protein 3



Rock2

Uniprot Accession: Q62868

Rho-associated protein kinase 2



Regulation:

- SV-cycling-dependent
- not-affected

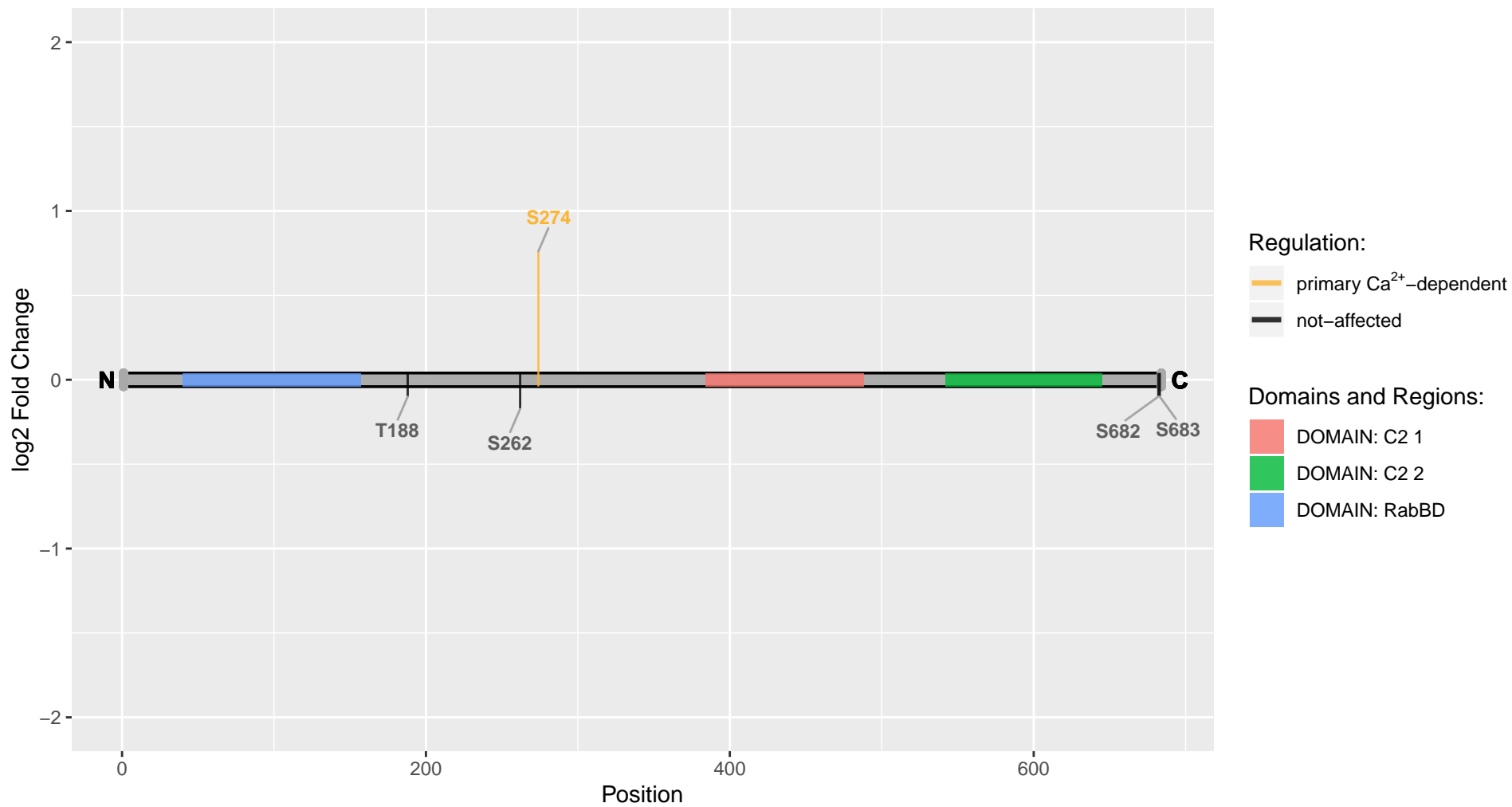
Domains and Regions:

- DOMAIN: AGC-kinase C-terminal
- DOMAIN: PH
- DOMAIN: Protein kinase
- DOMAIN: REM-1
- DOMAIN: RhoBD
- REGION: Interaction with NPM1
- REGION: Interaction with PPP1R12A
- REGION: RHOA binding

Rph3a

Uniprot Accession: P47709

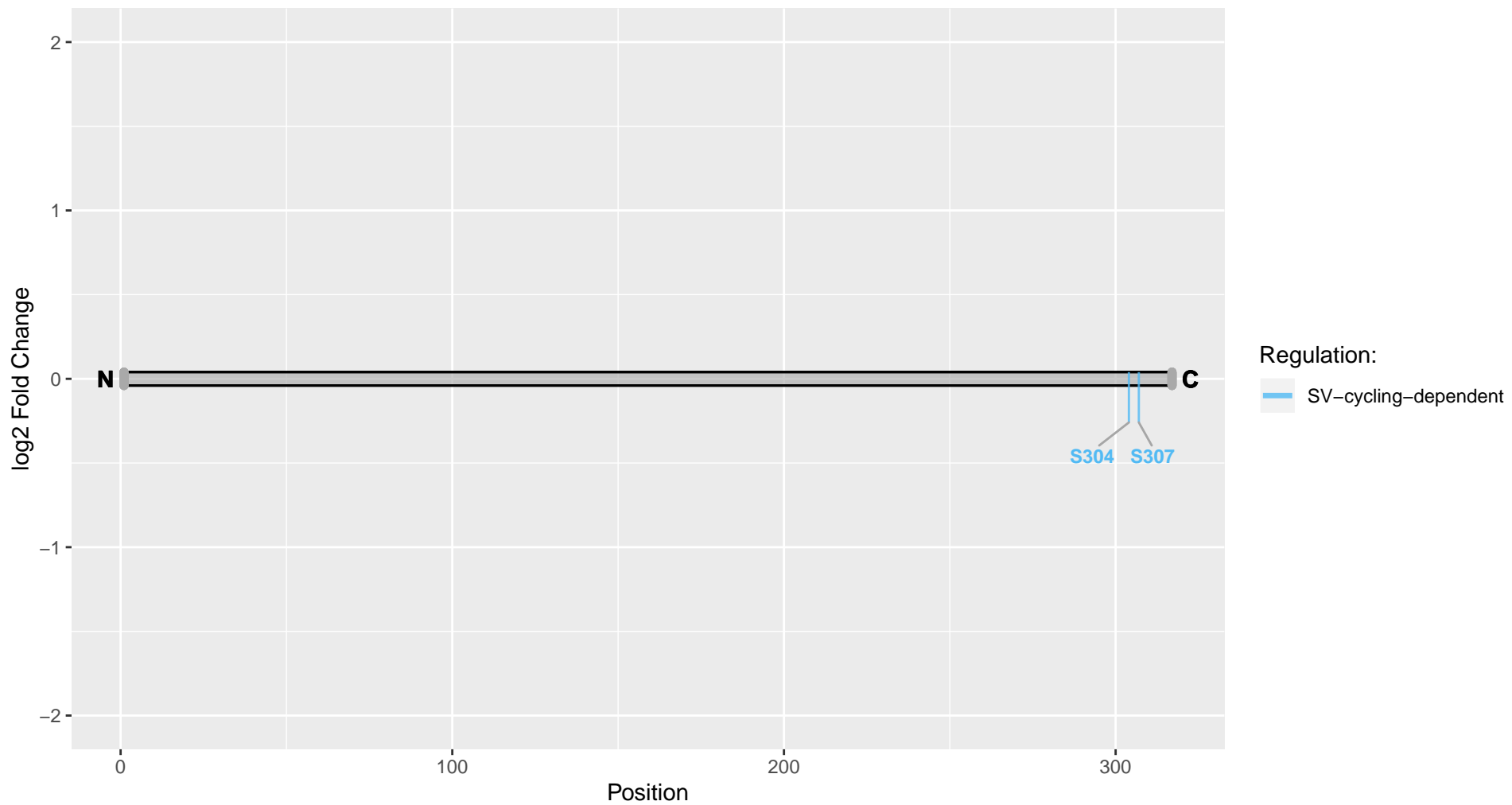
Rabphilin-3A



Rplp0

Uniprot Accession: P19945

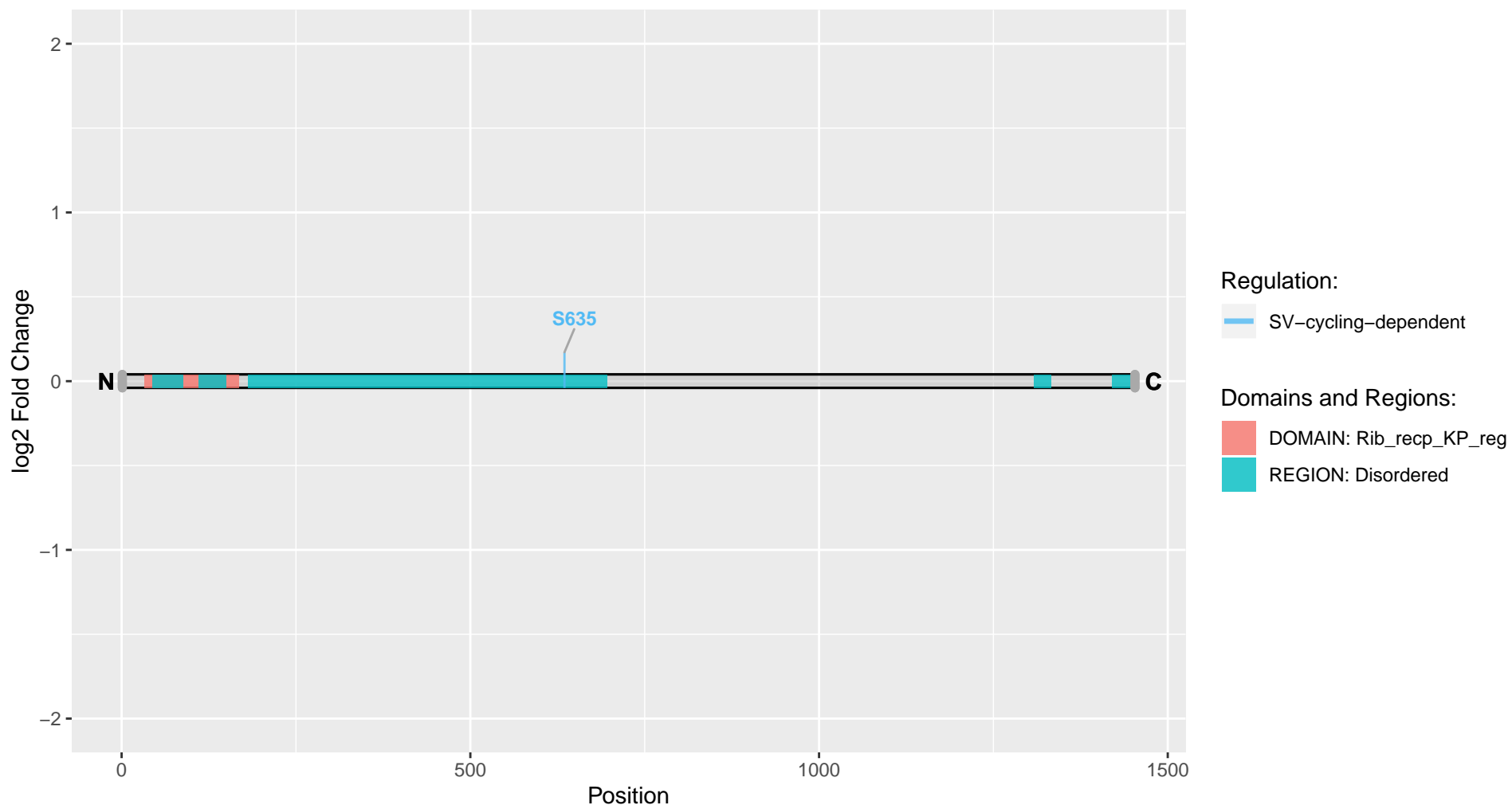
60S acidic ribosomal protein P0



Rrbp1

Uniprot Accession: F1M853

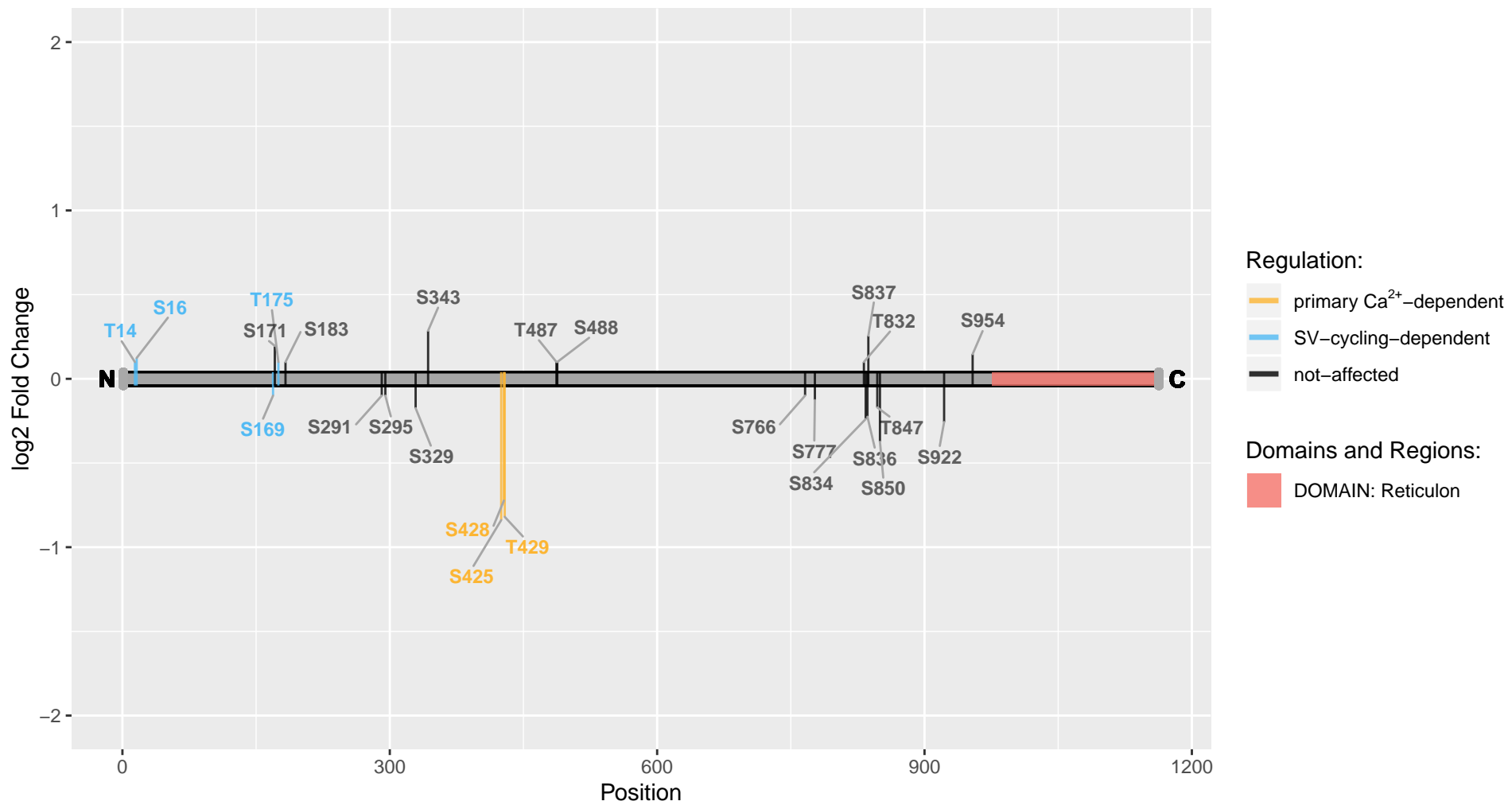
Ribosome-binding protein 1



Rtn4

Uniprot Accession: Q9JK11

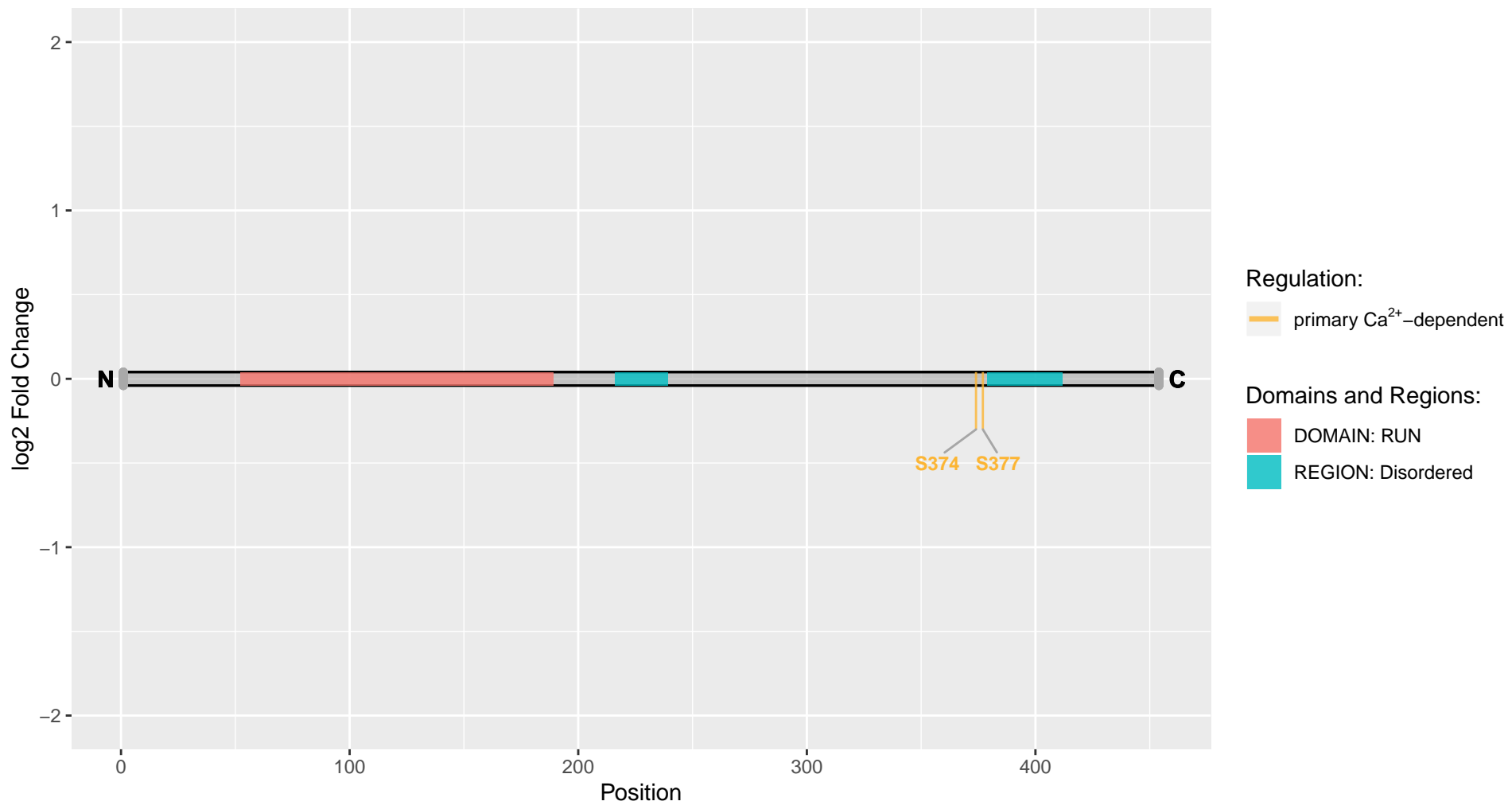
Reticulon-4



Rundc3a

Uniprot Accession: F1LRZ9

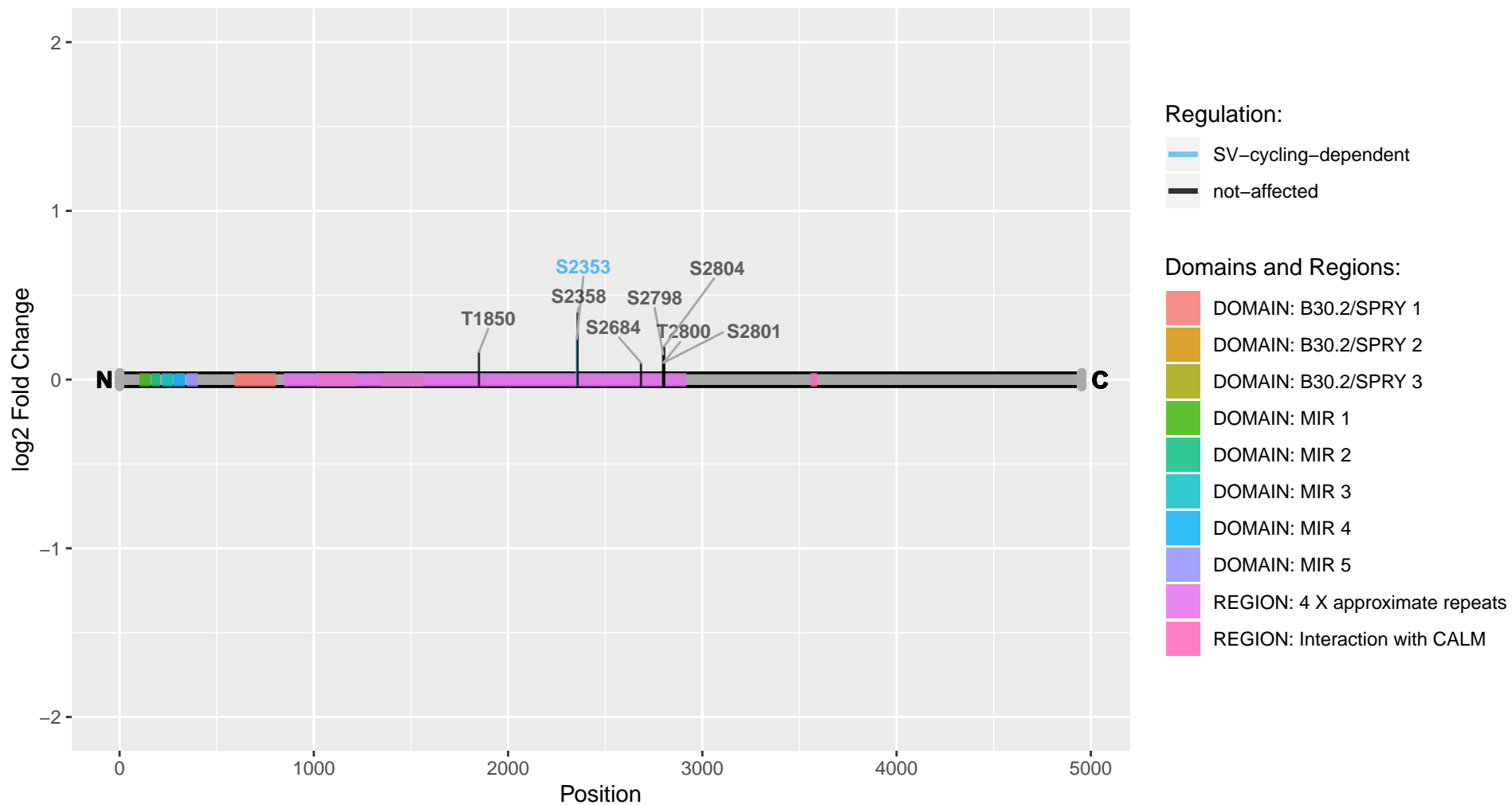
RUN domain-containing 3A



Ryr2

Uniprot Accession: B0LPN4

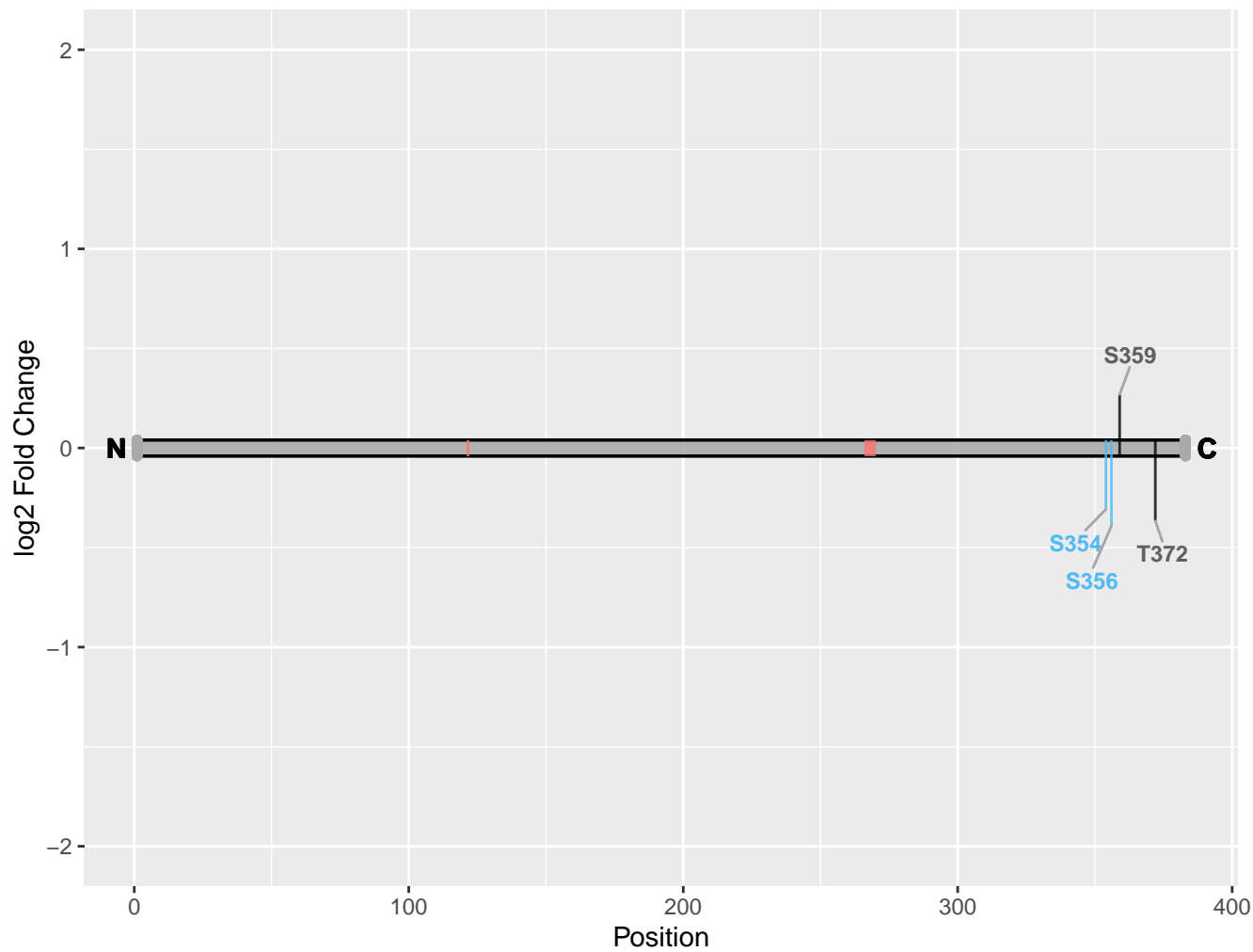
Ryanodine receptor 2



S1pr1

Uniprot Accession: P48303

Sphingosine 1-phosphate receptor 1



Regulation:

— SV-cycling-dependent

— not-affected

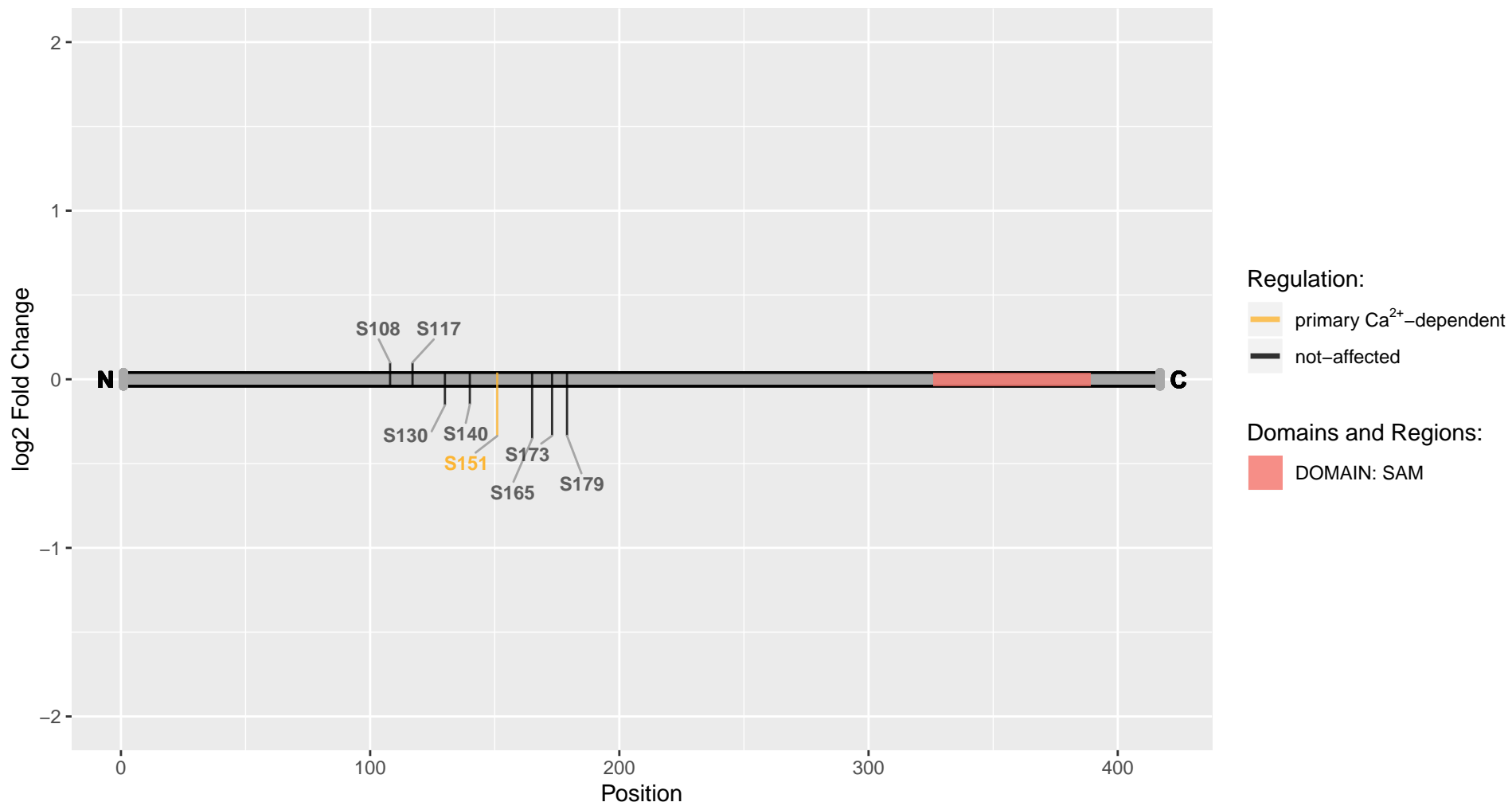
Domains and Regions:

— REGION: Sphingosine 1-phosphate binding

Samd14

Uniprot Accession: Q5BJU3

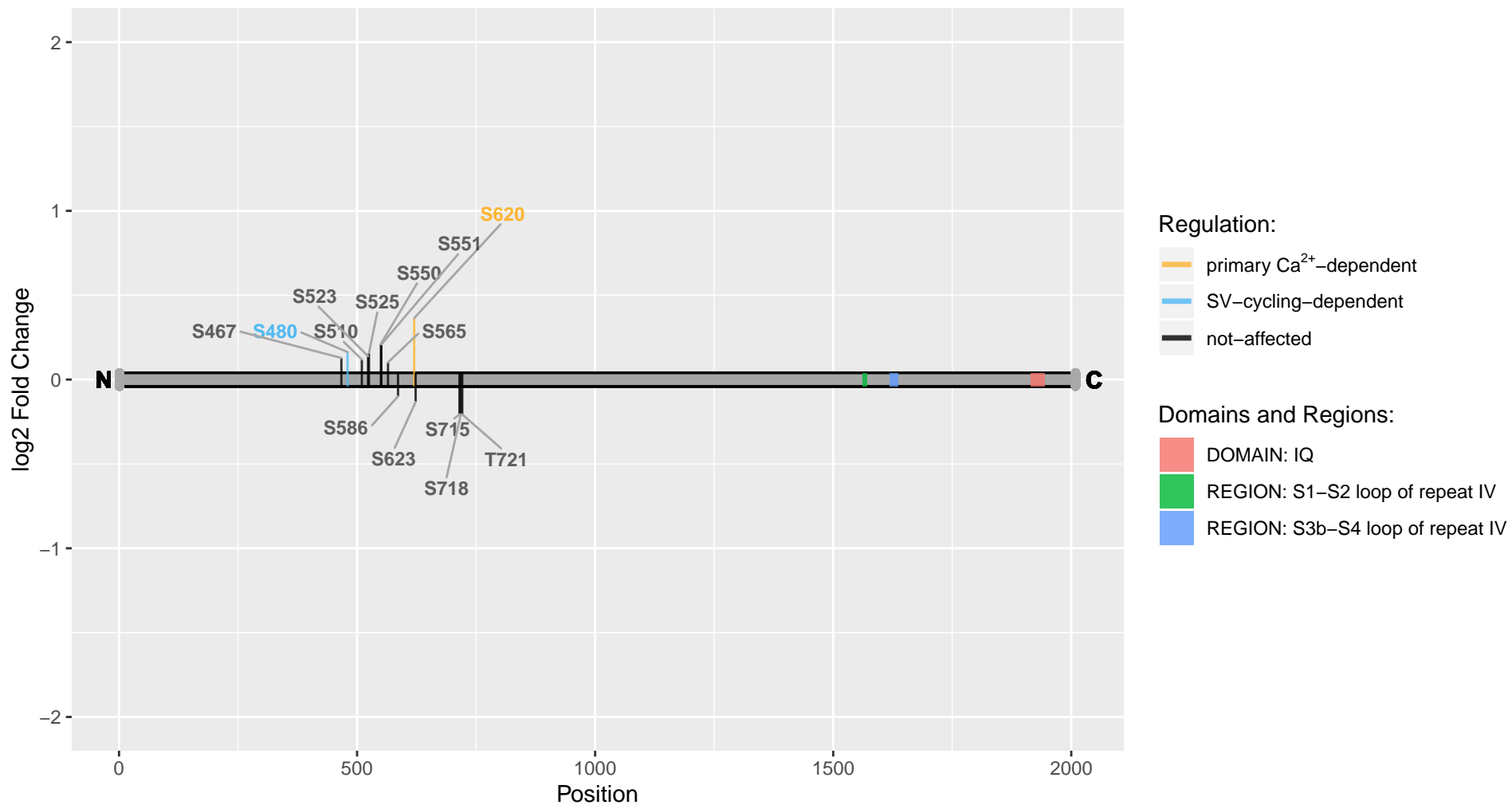
Sterile alpha motif domain-containing protein 14



Scn1a

Uniprot Accession: P04774

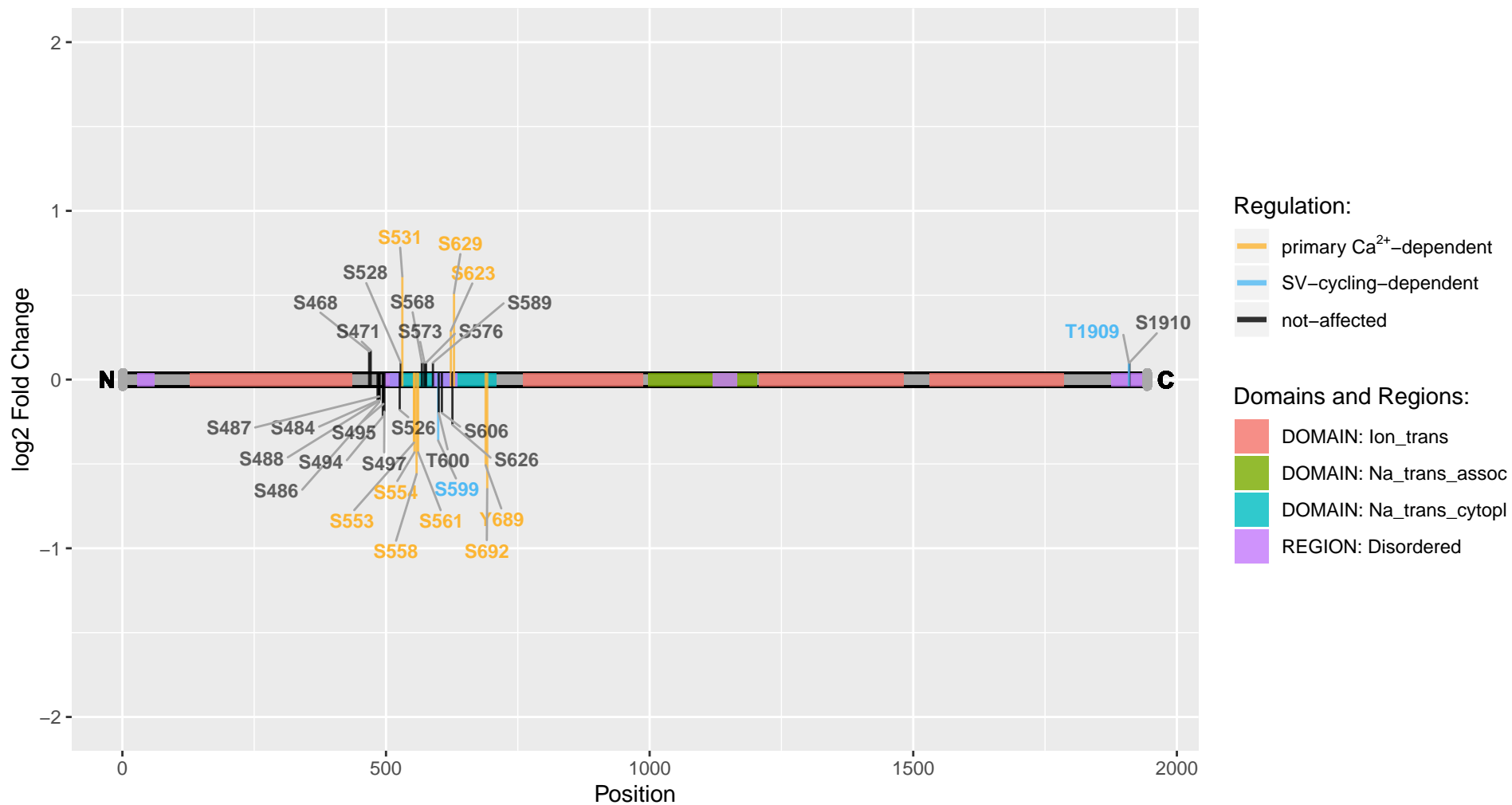
Sodium channel protein type 1 subunit alpha



Scn2a

Uniprot Accession: F1M9G9

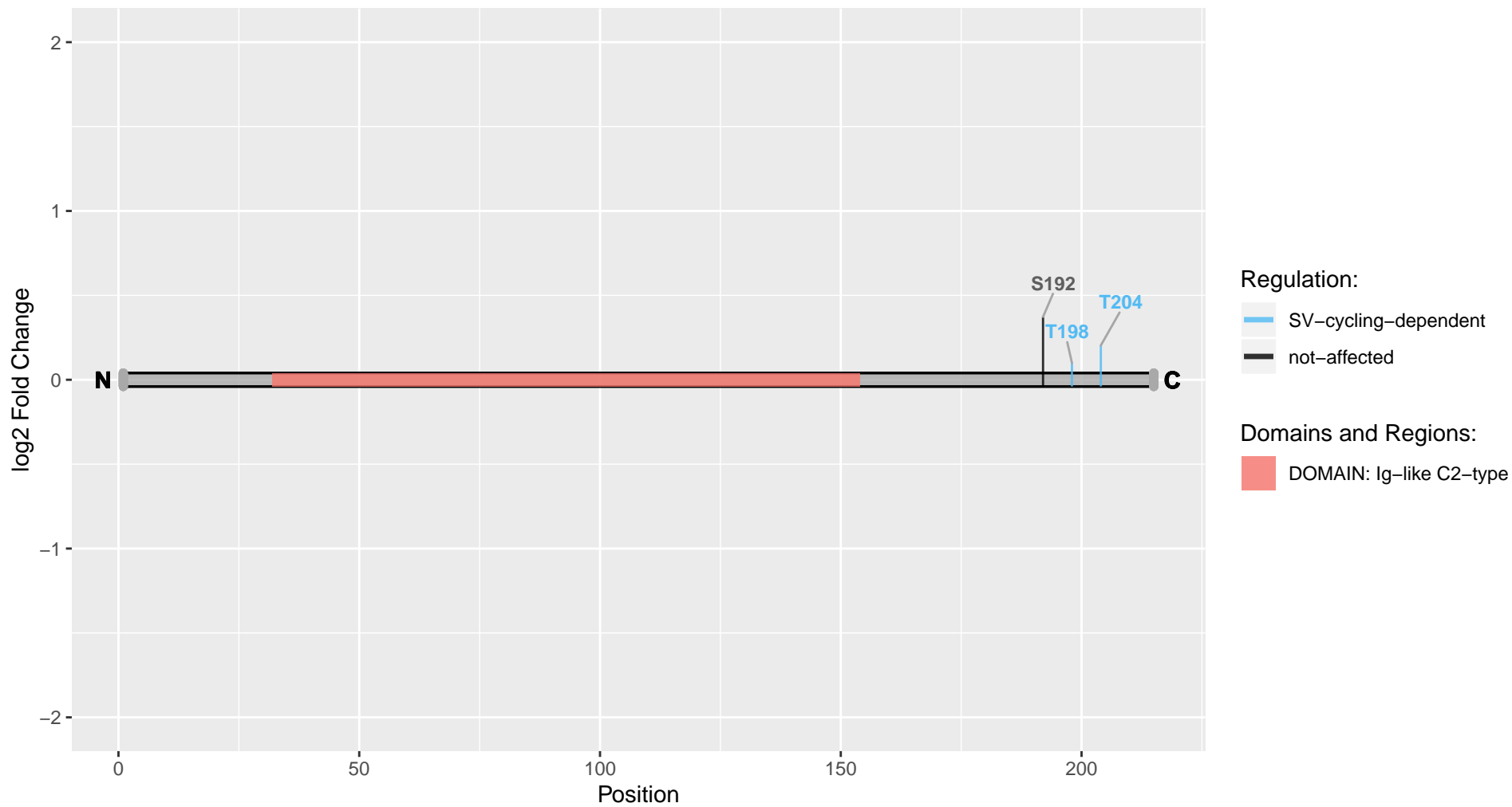
Sodium channel protein



Scn2b

Uniprot Accession: P54900

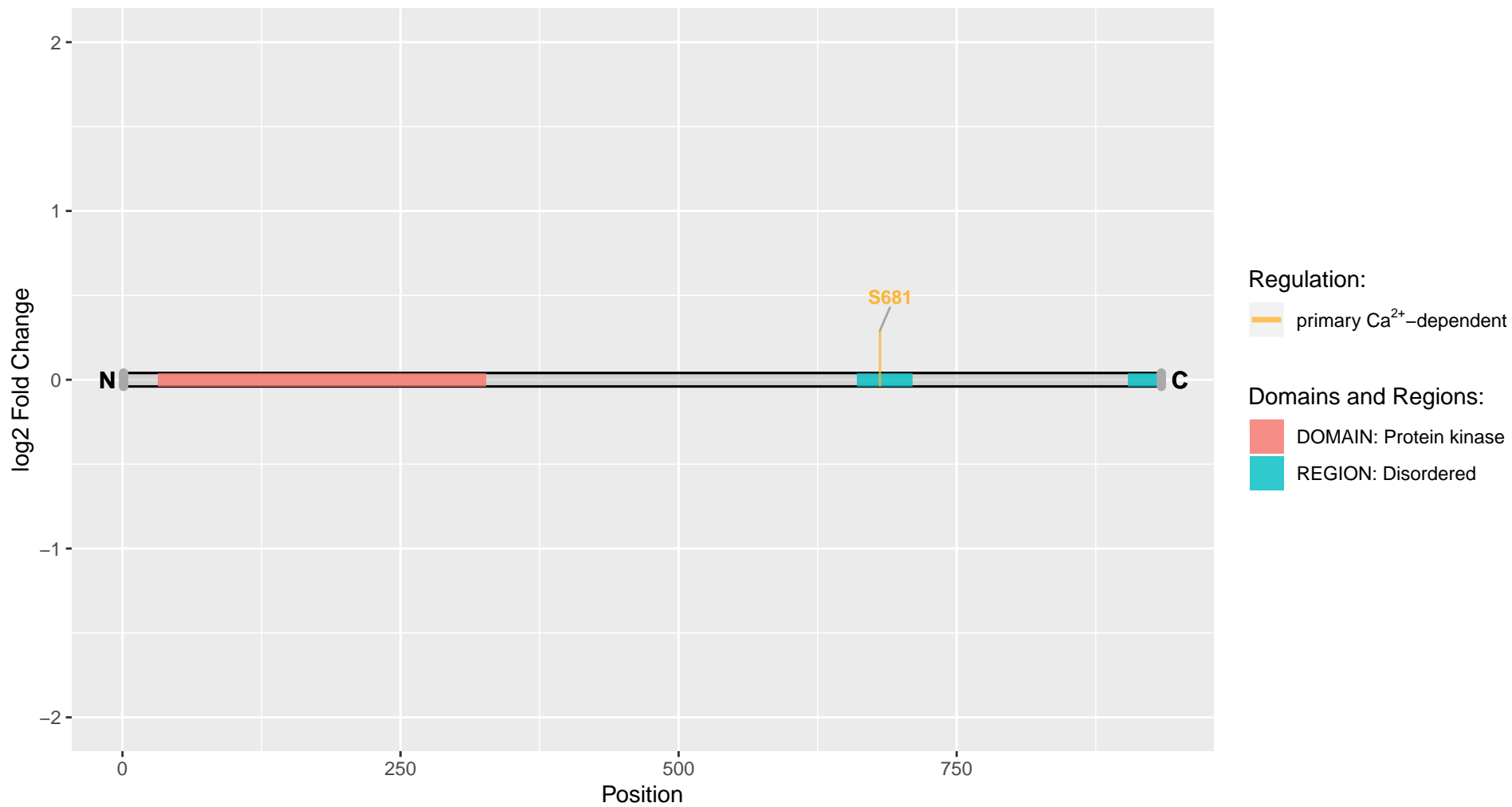
Sodium channel subunit beta-2



Scyl2

Uniprot Accession: A0A0G2JVC2

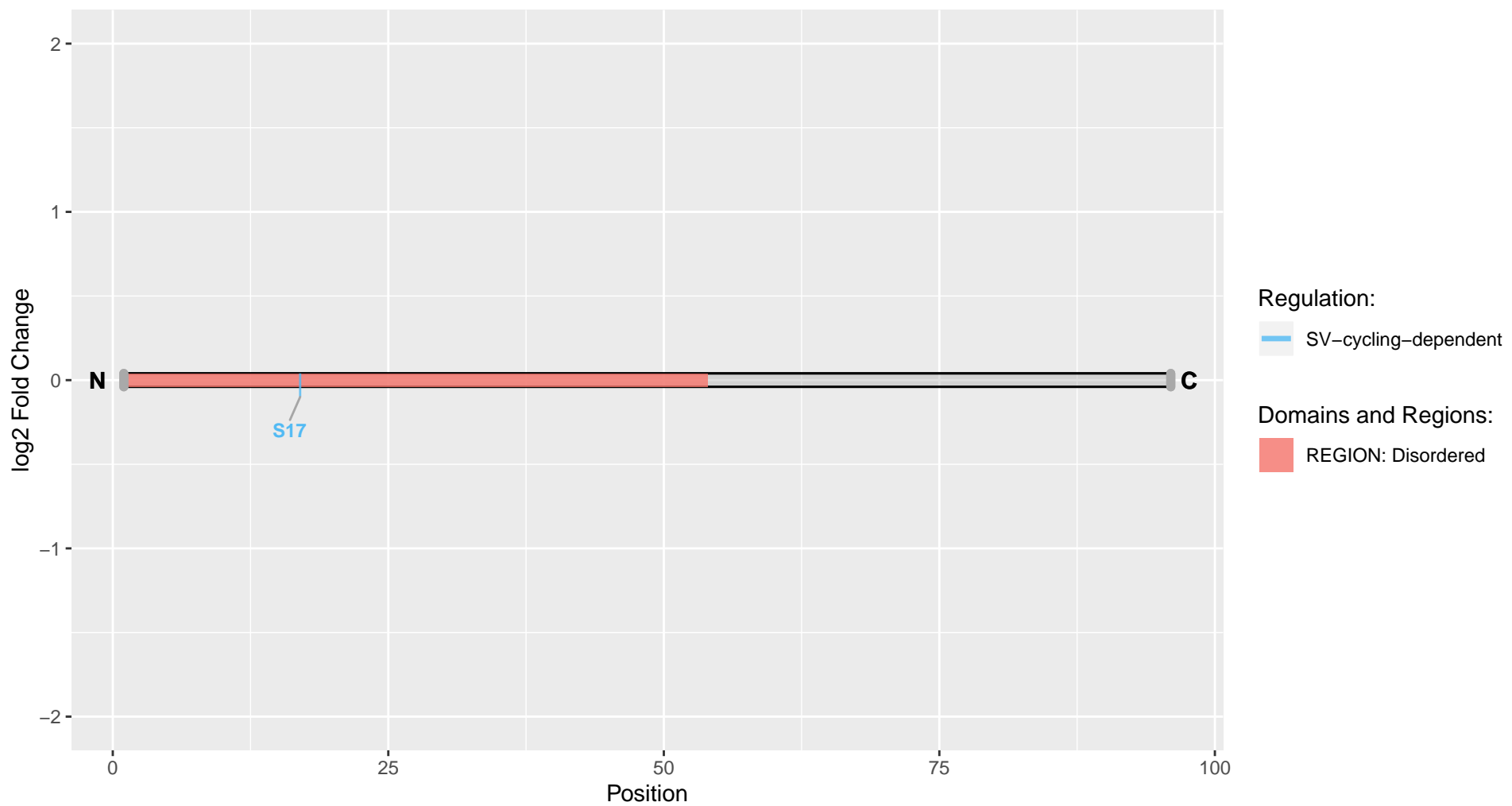
SCY1-like pseudokinase 2



Sec61b

Uniprot Accession: B2RZD1

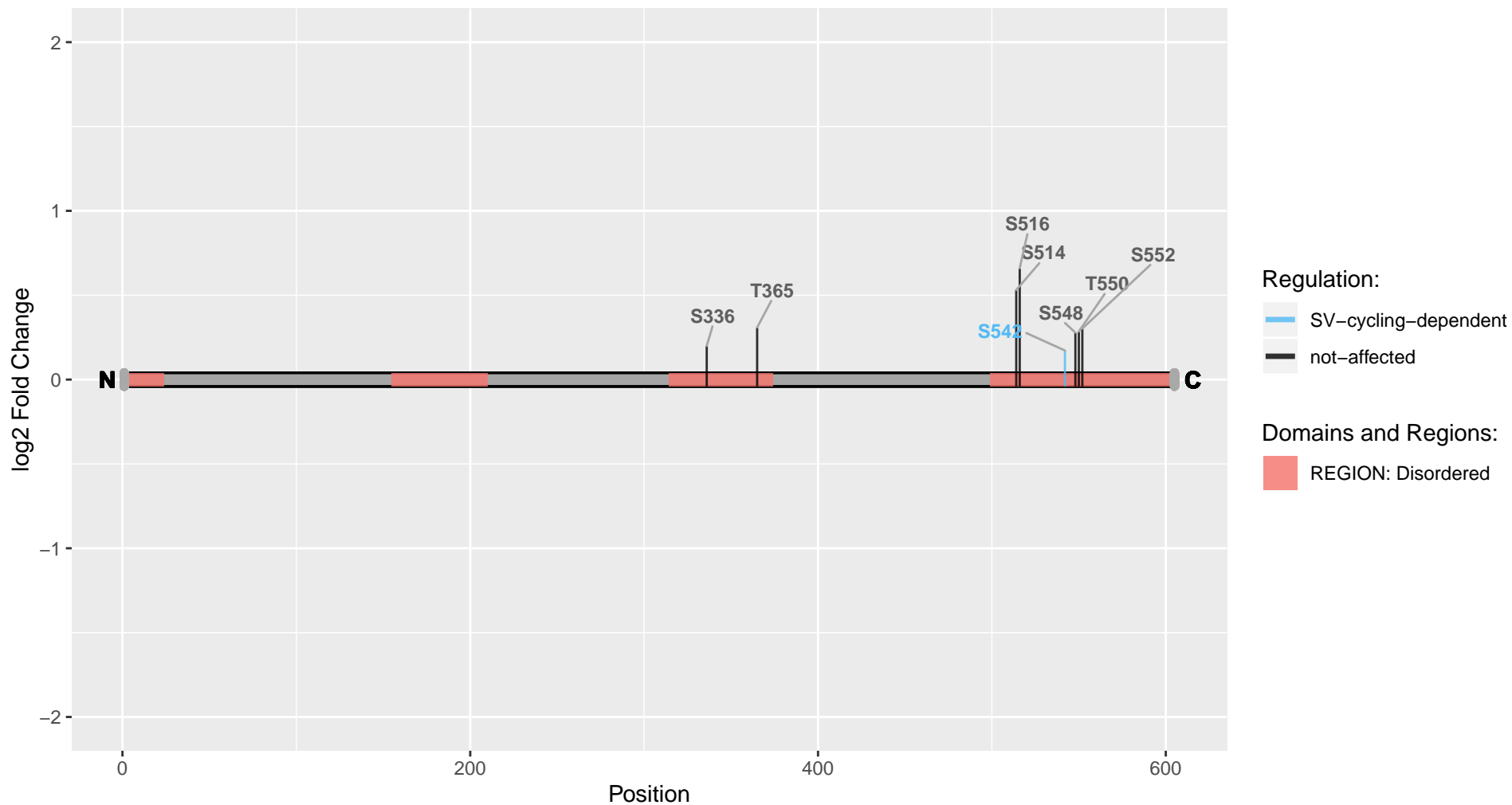
Protein transport protein Sec61 subunit beta



Sec62

Uniprot Accession: Q7TP42

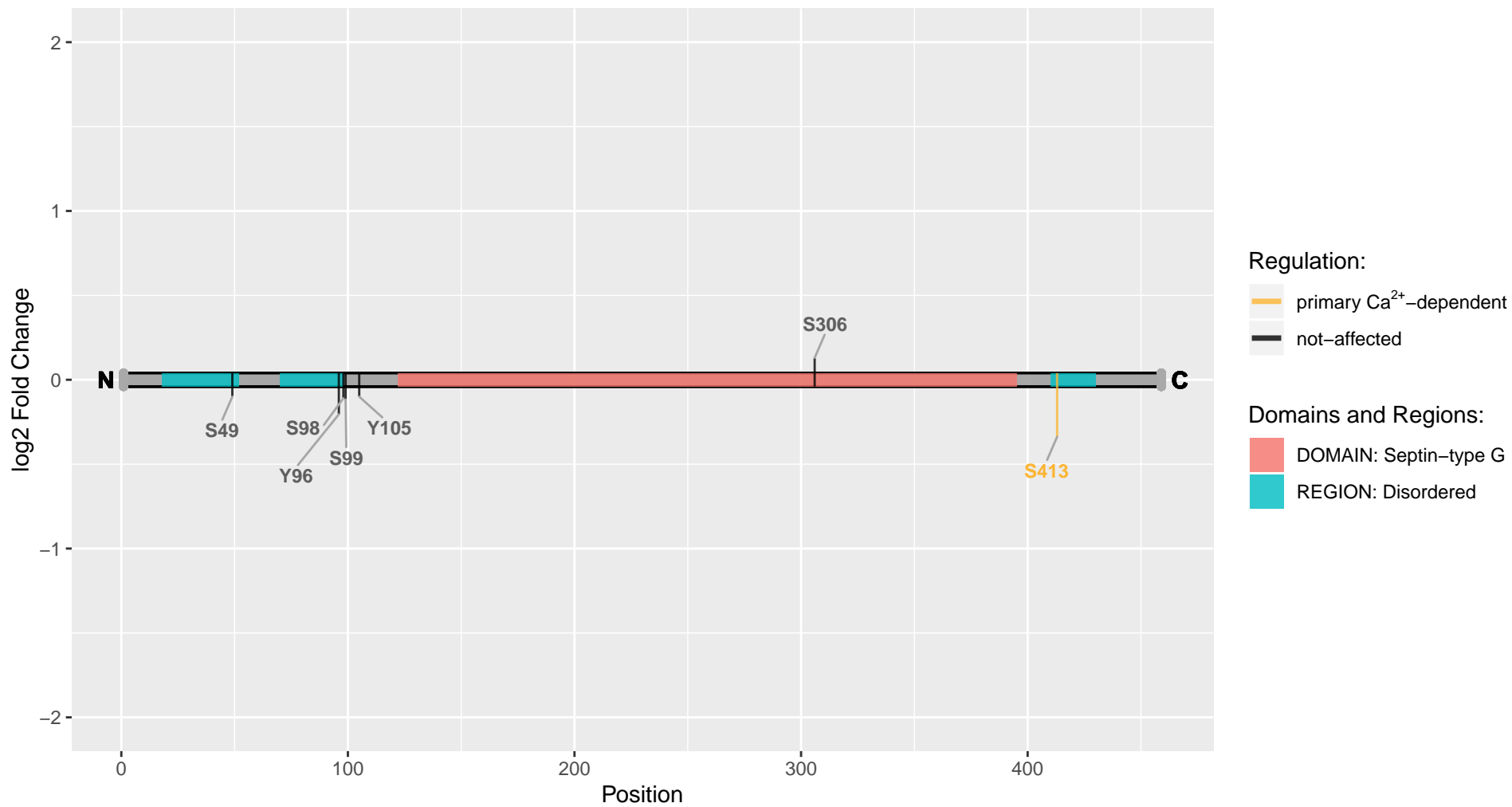
Ab2-292



Sept4

Uniprot Accession: A0A096MJN4

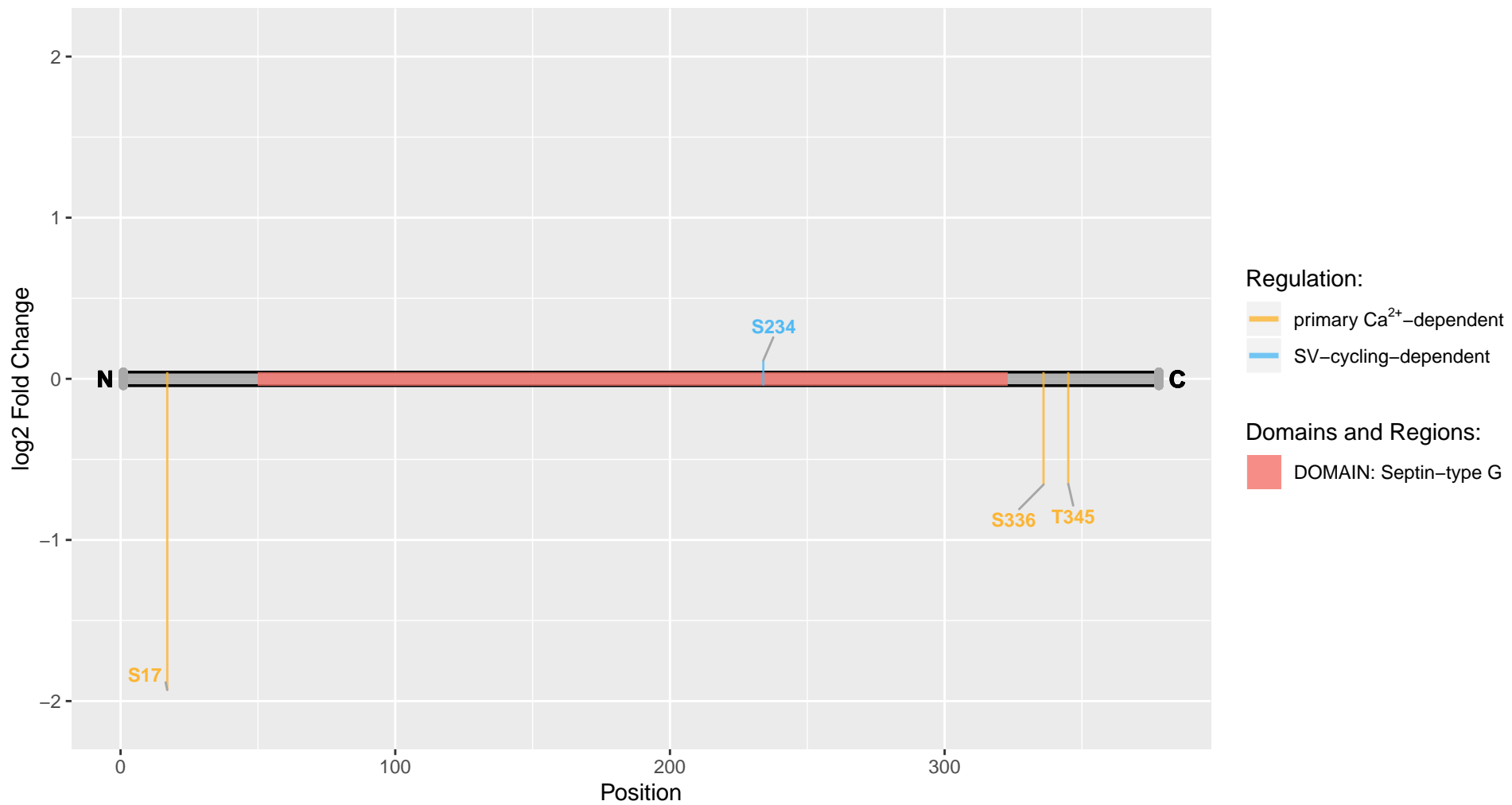
Septin 4



Sept5

Uniprot Accession: D3ZDH8

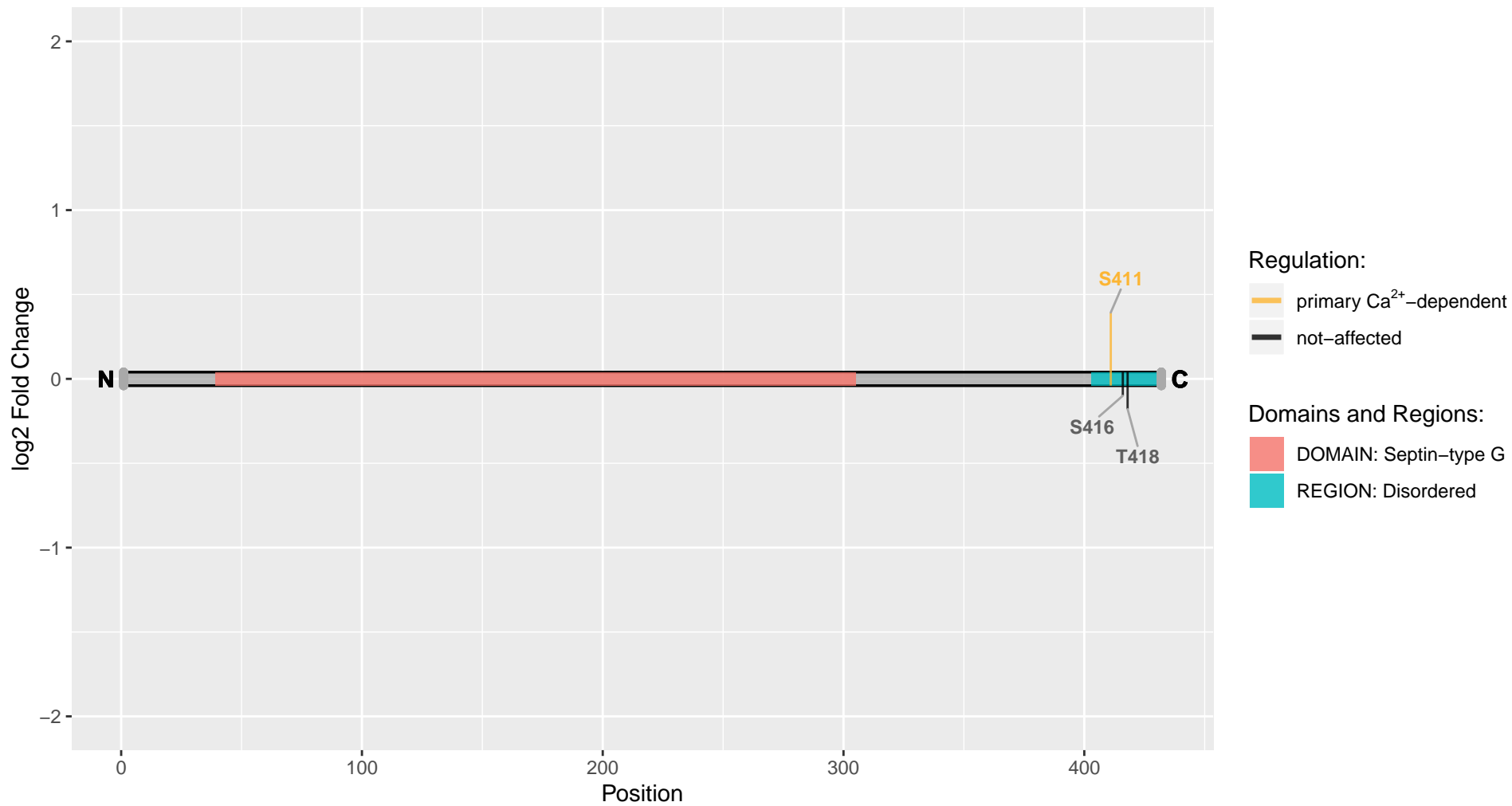
Septin 5, isoform CRA_d



Sept6

Uniprot Accession: A0A0U1RRT8

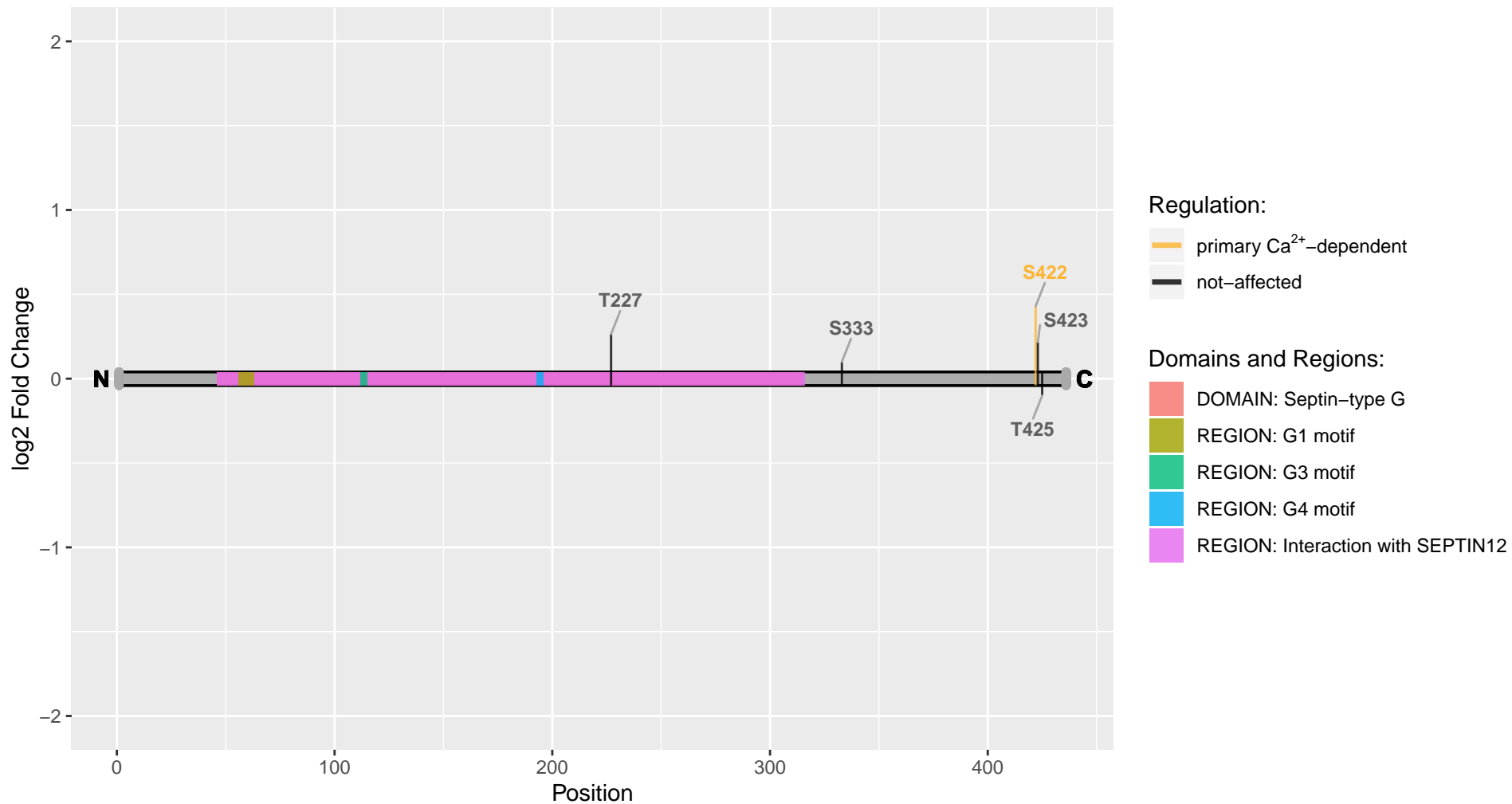
Septin 6



Sept7

Uniprot Accession: Q9WVC0

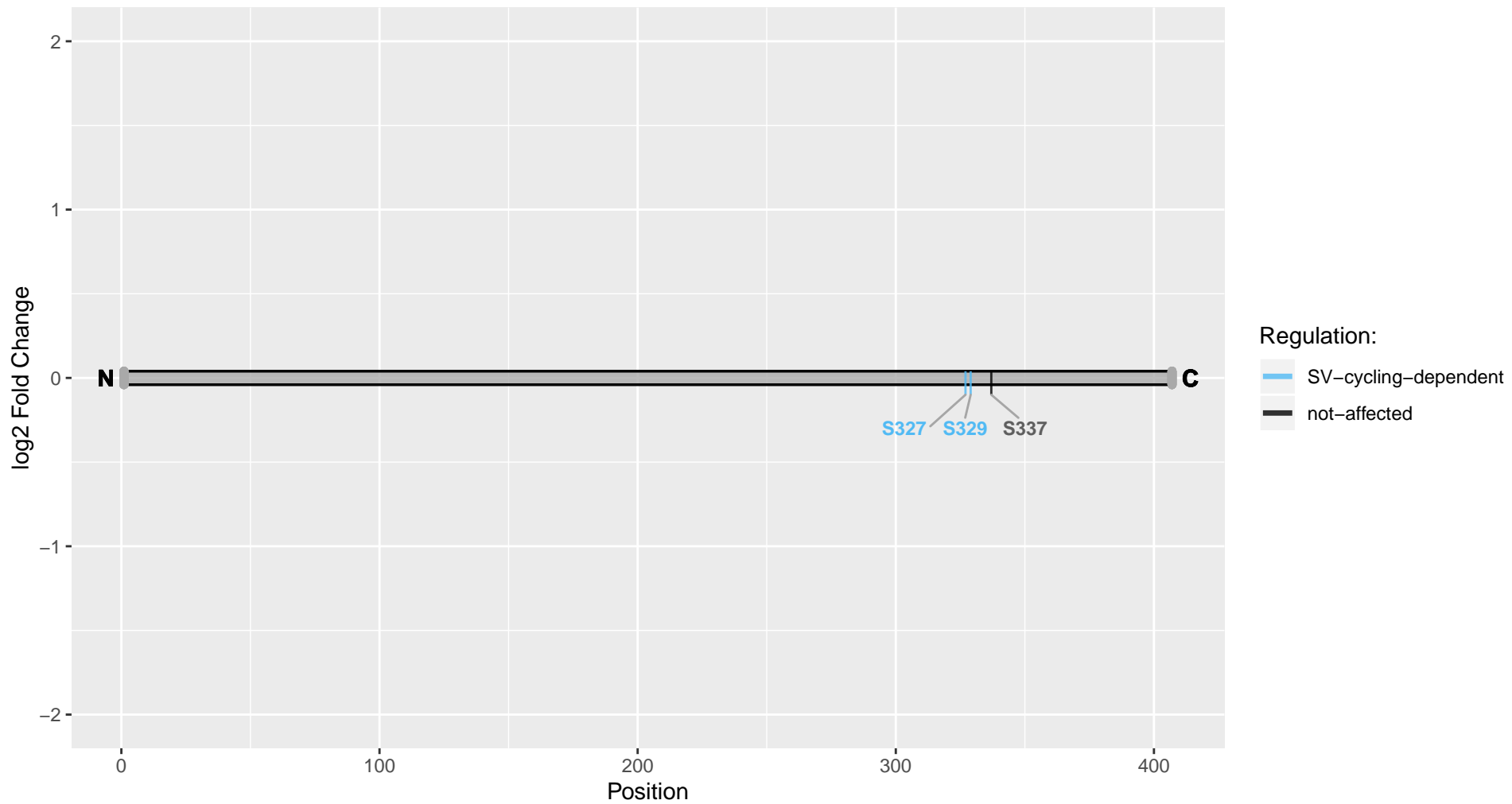
Septin-7



Serbp1

Uniprot Accession: Q6AXS5

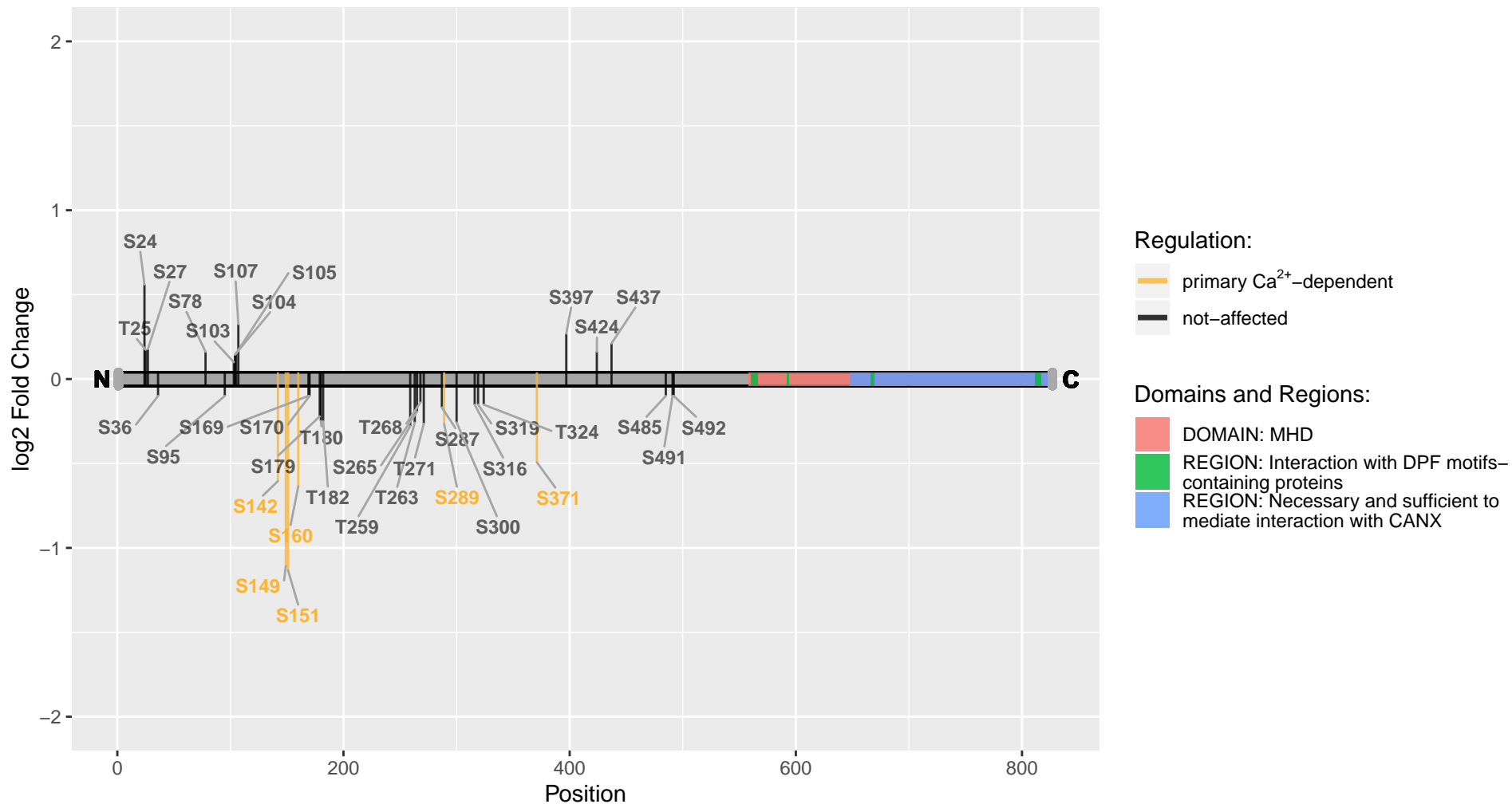
Plasminogen activator inhibitor 1 RNA-binding protein



Sgip1

Uniprot Accession: P0DJJ3

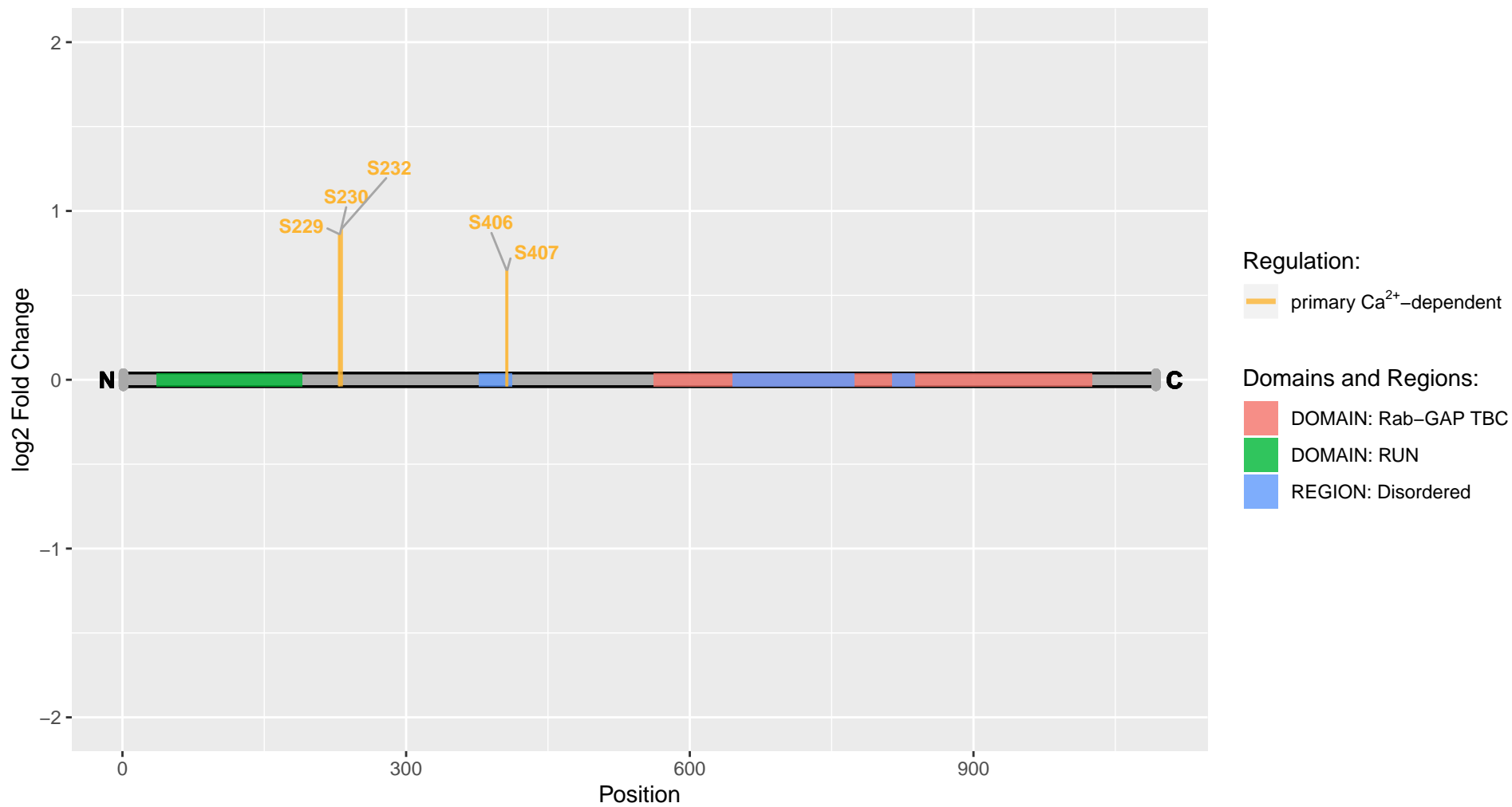
SH3-containing GRB2-like protein 3-interacting protein 1



Sgsm1

Uniprot Accession: D3ZAS2

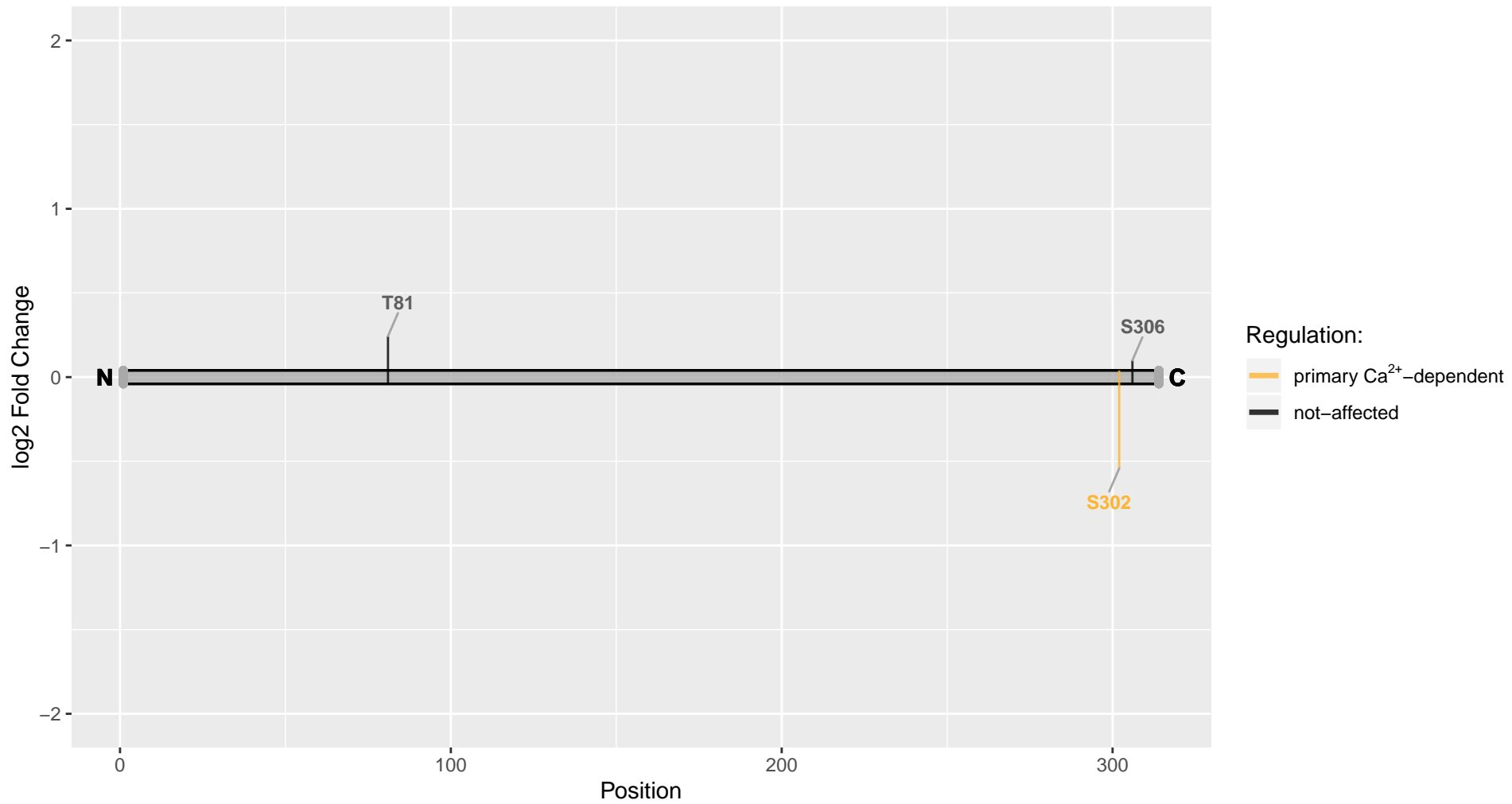
Small G protein–signaling modulator 1



Sgta

Uniprot Accession: O70593

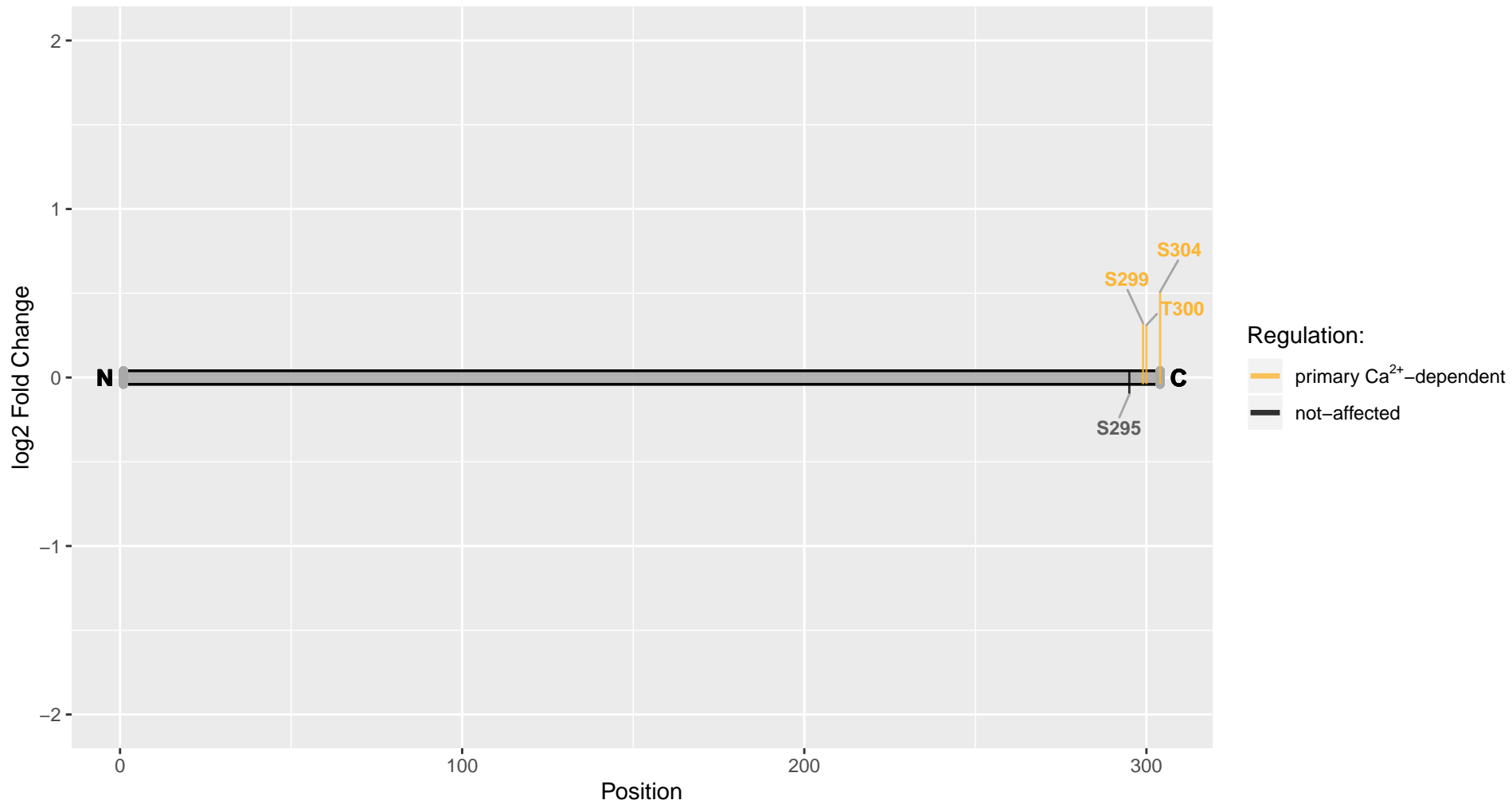
Small glutamine-rich tetratricopeptide repeat-containing protein alpha



Sgtb

Uniprot Accession: Q80W98

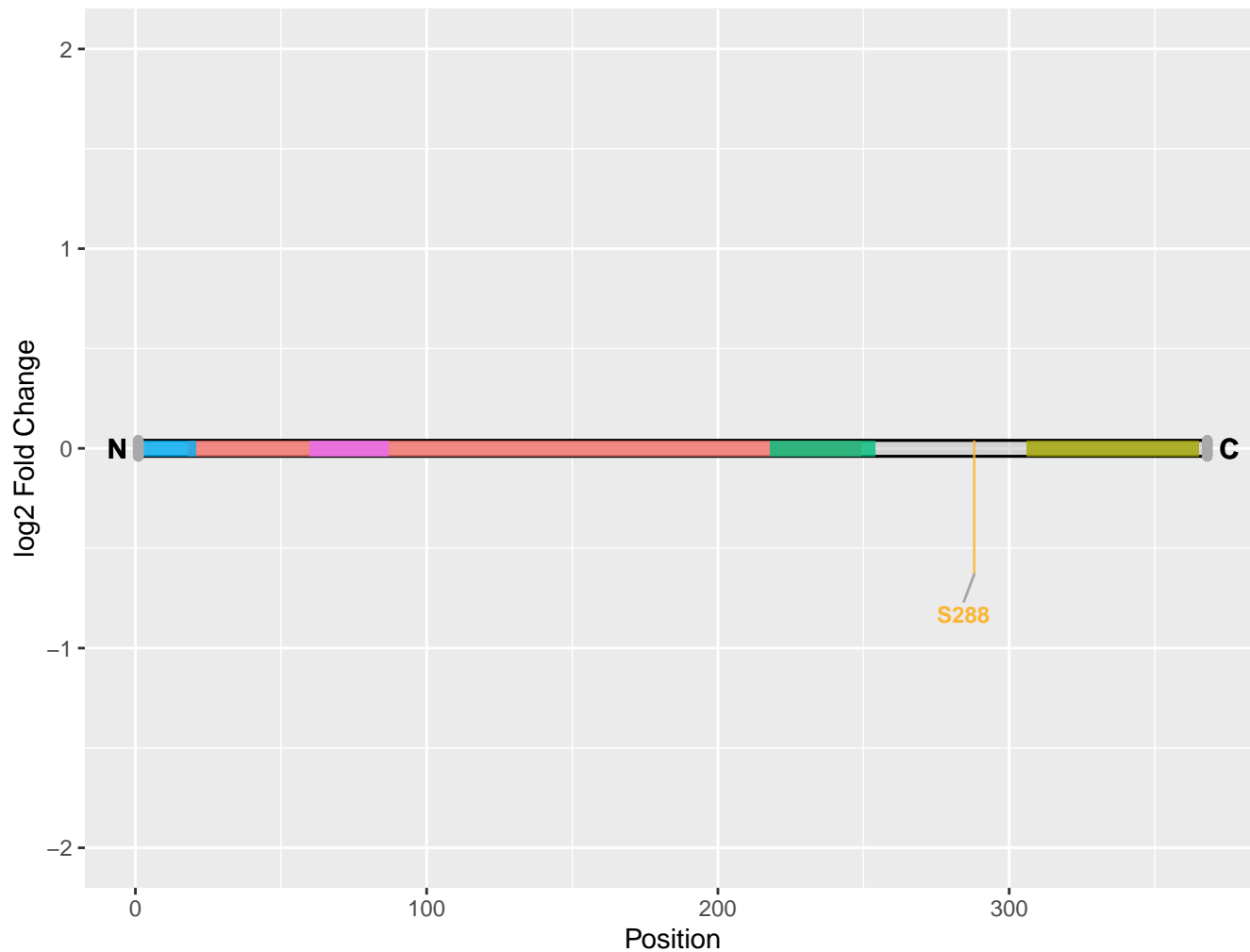
Small glutamine-rich tetratricopeptide repeat-containing protein beta



Sh3gl1

Uniprot Accession: O35964

Endophilin-A2



Regulation:


 primary Ca²⁺-dependent


Domains and Regions:

 DOMAIN: BAR

 DOMAIN: SH3

 REGION: Interaction with ARC

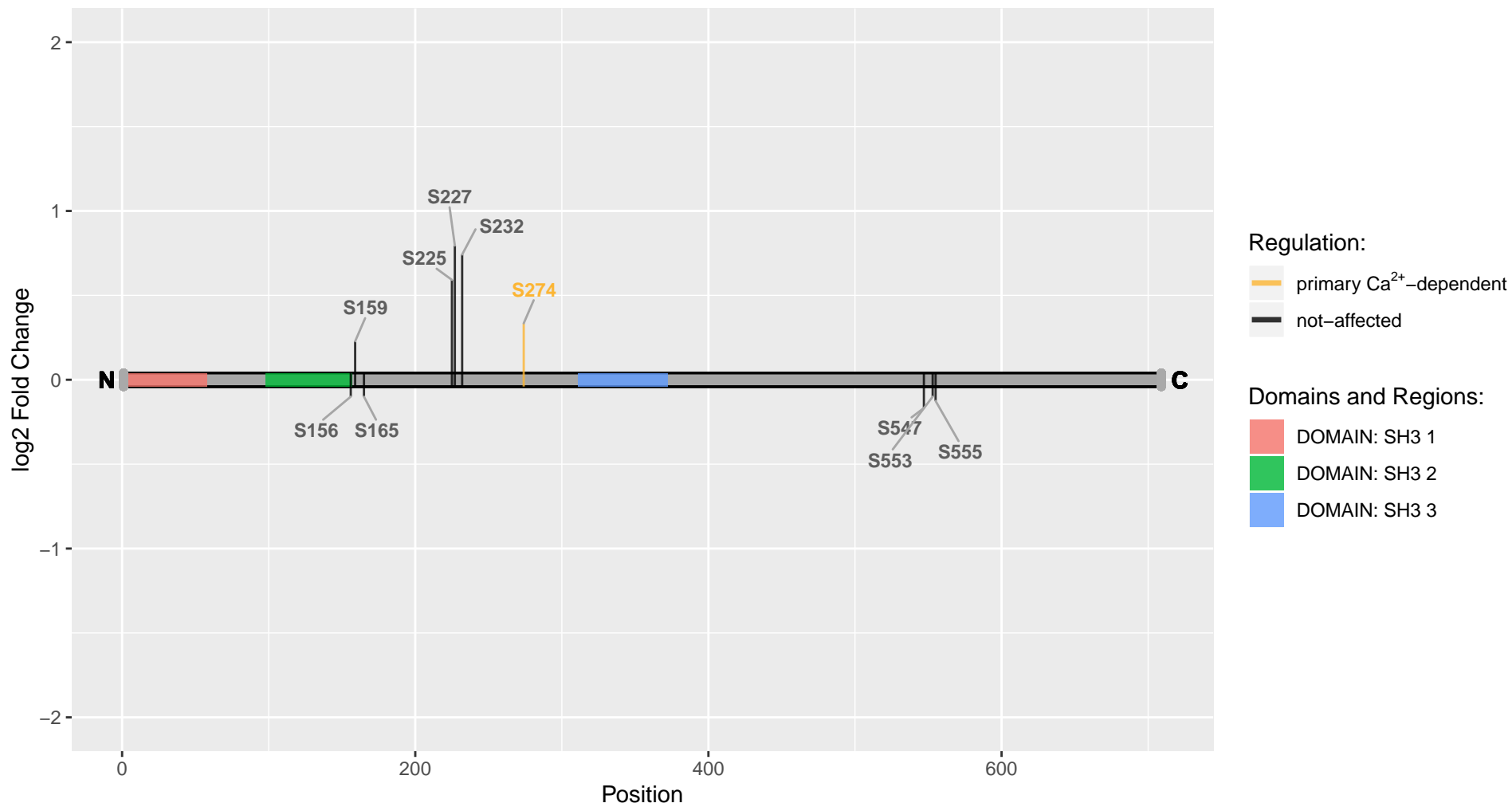
 REGION: Membrane-binding amphipathic helix

 REGION: Required for dimerization upon membrane association

Sh3kbp1

Uniprot Accession: Q925Q9

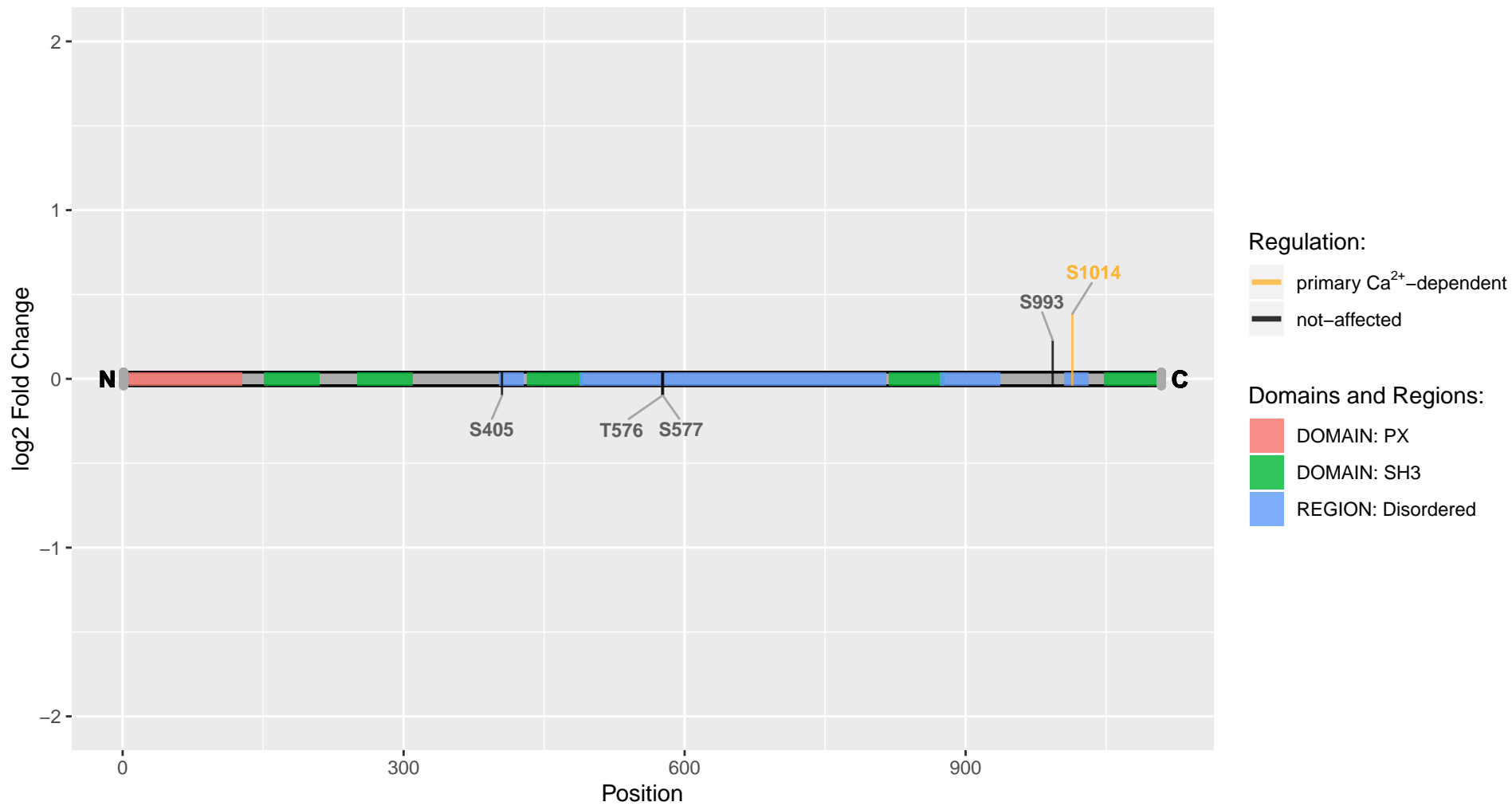
SH3 domain-containing kinase-binding protein 1



Sh3pxd2a

Uniprot Accession: A0A0G2JX92

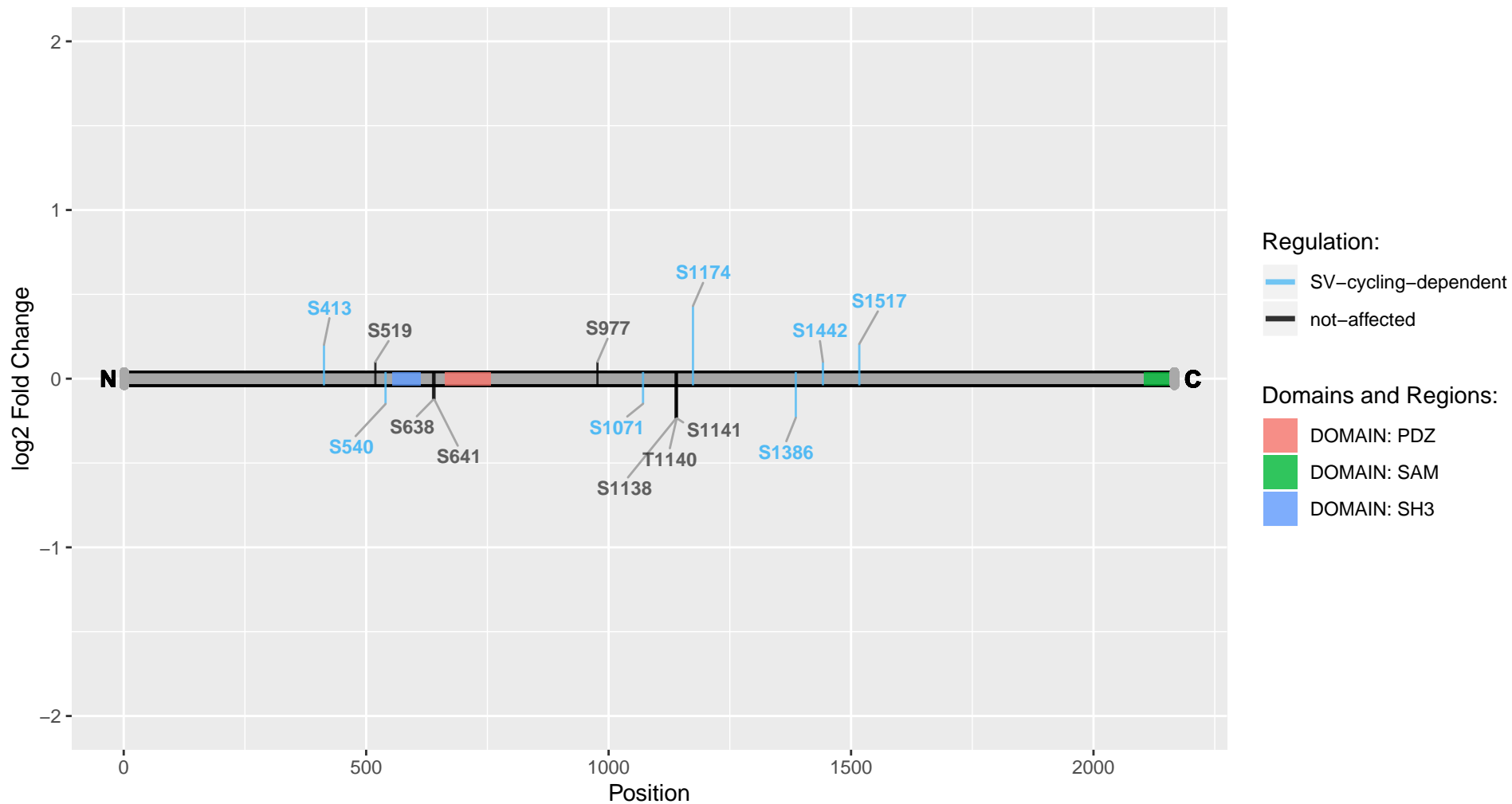
SH3 and PX domains 2A



Shank1

Uniprot Accession: Q9WV48

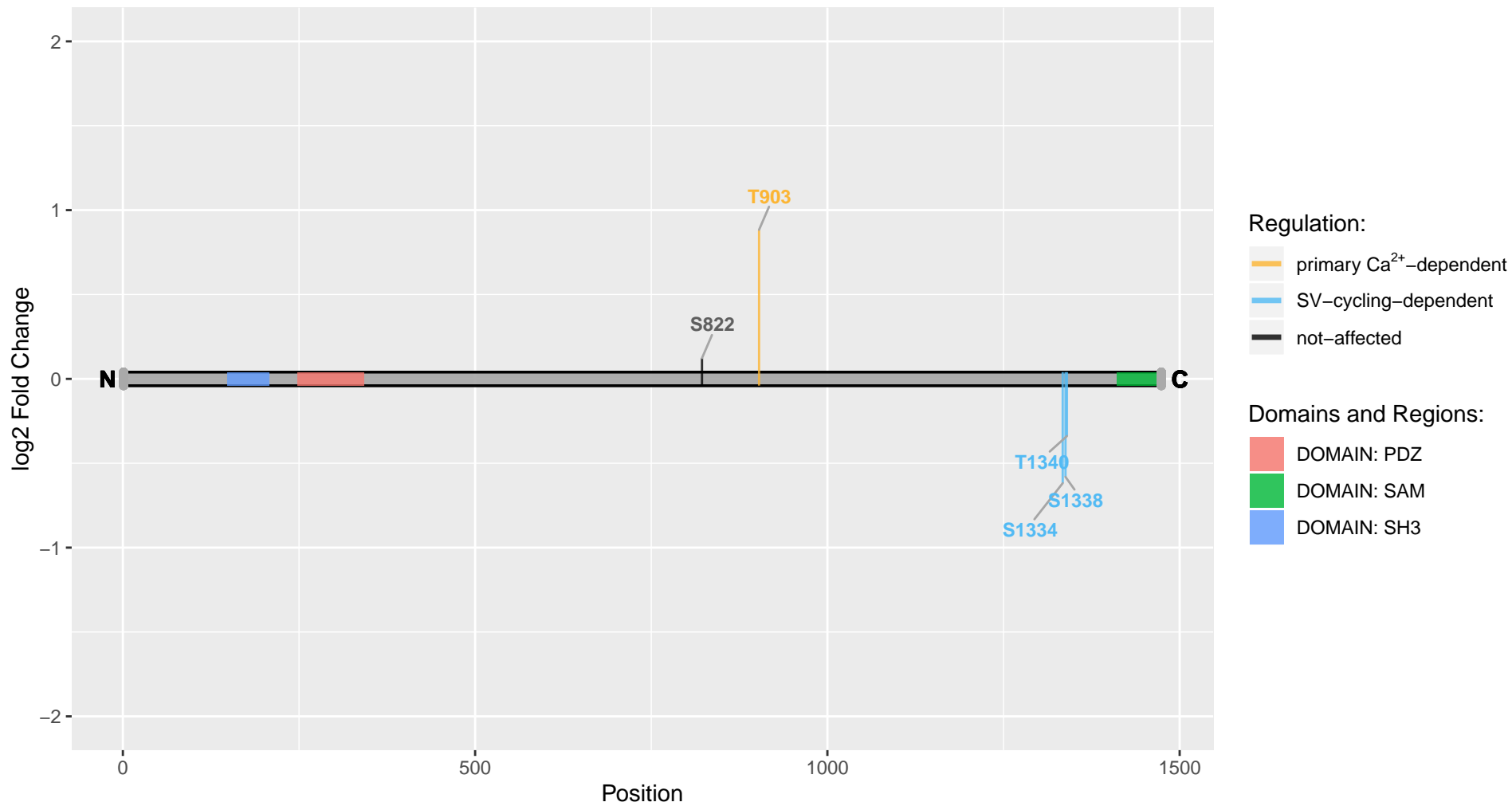
SH3 and multiple ankyrin repeat domains protein 1



Shank2

Uniprot Accession: Q9QX74

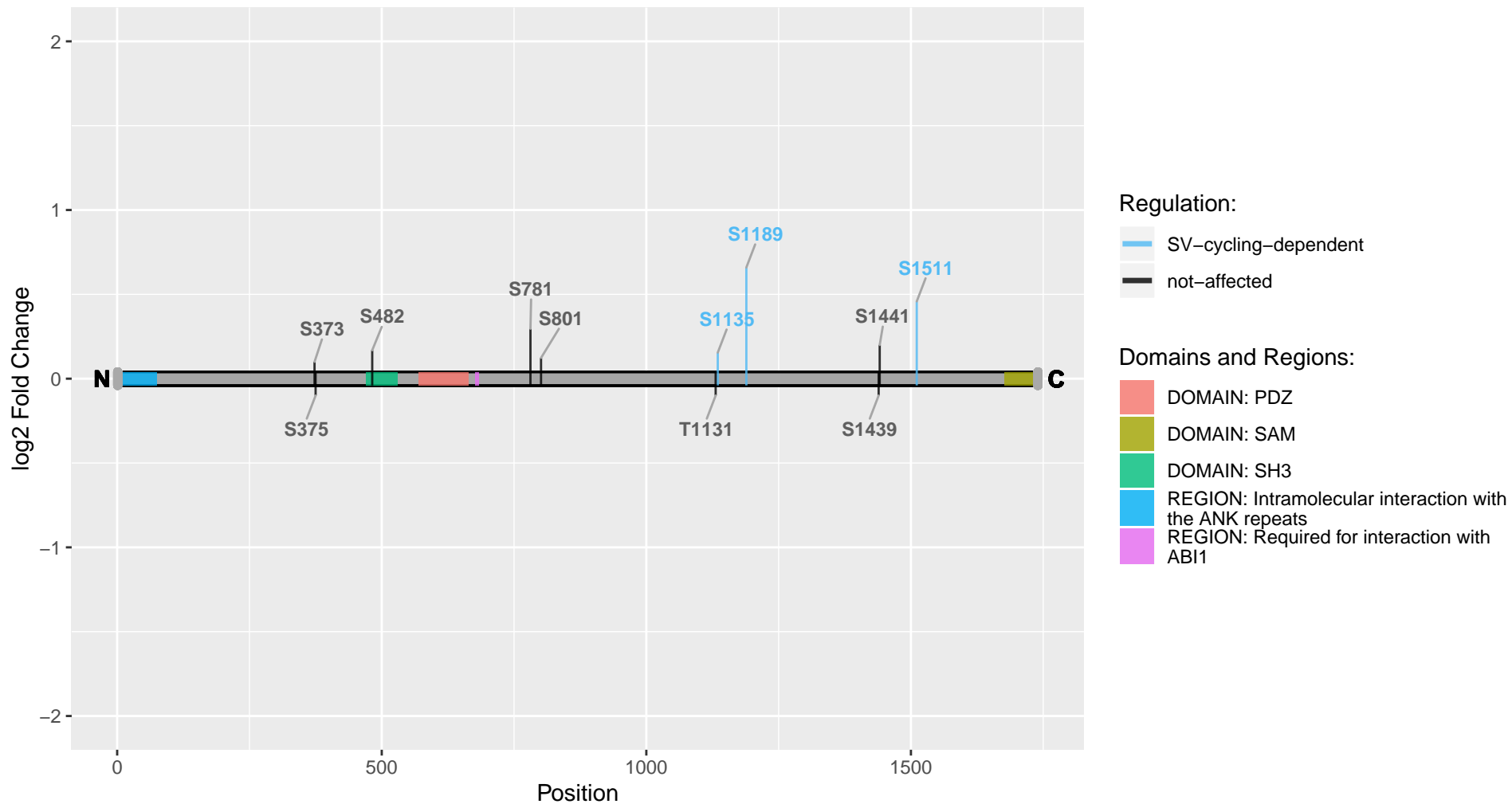
SH3 and multiple ankyrin repeat domains protein 2



Shank3

Uniprot Accession: Q9JLU4

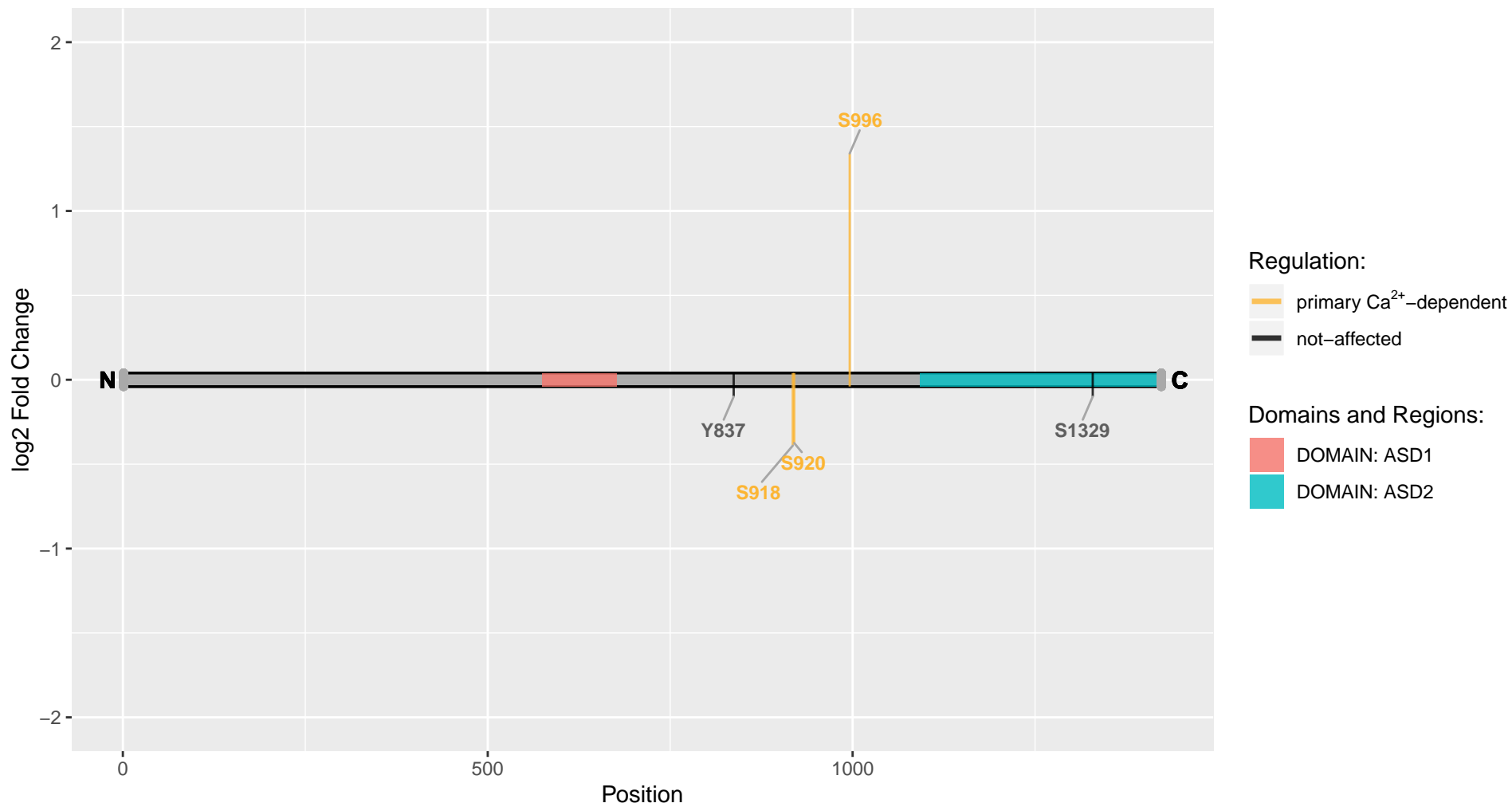
SH3 and multiple ankyrin repeat domains protein 3



Shroom2

Uniprot Accession: Q7TP36

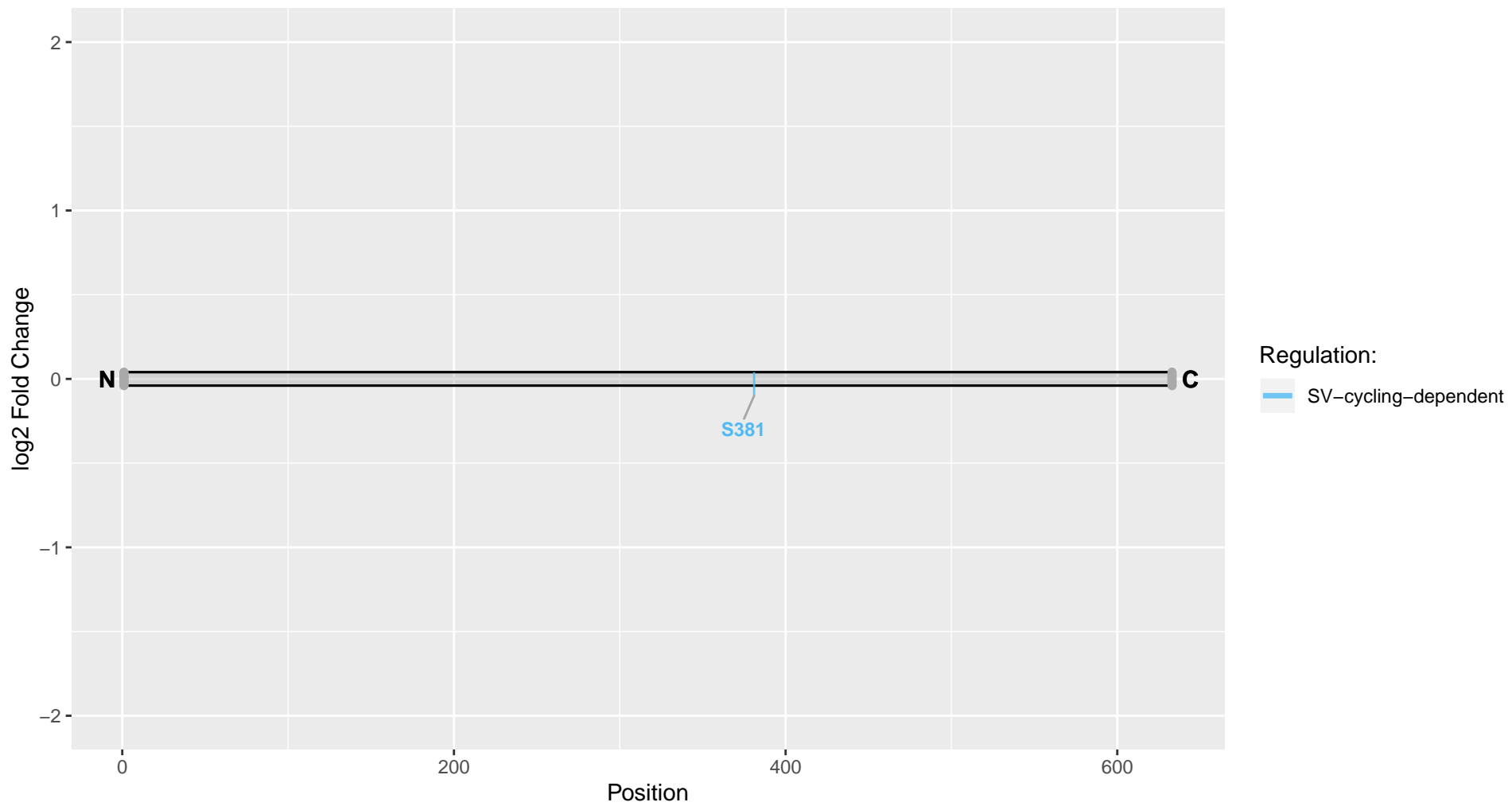
Protein Shroom2



Shtn1

Uniprot Accession: A0MZ67

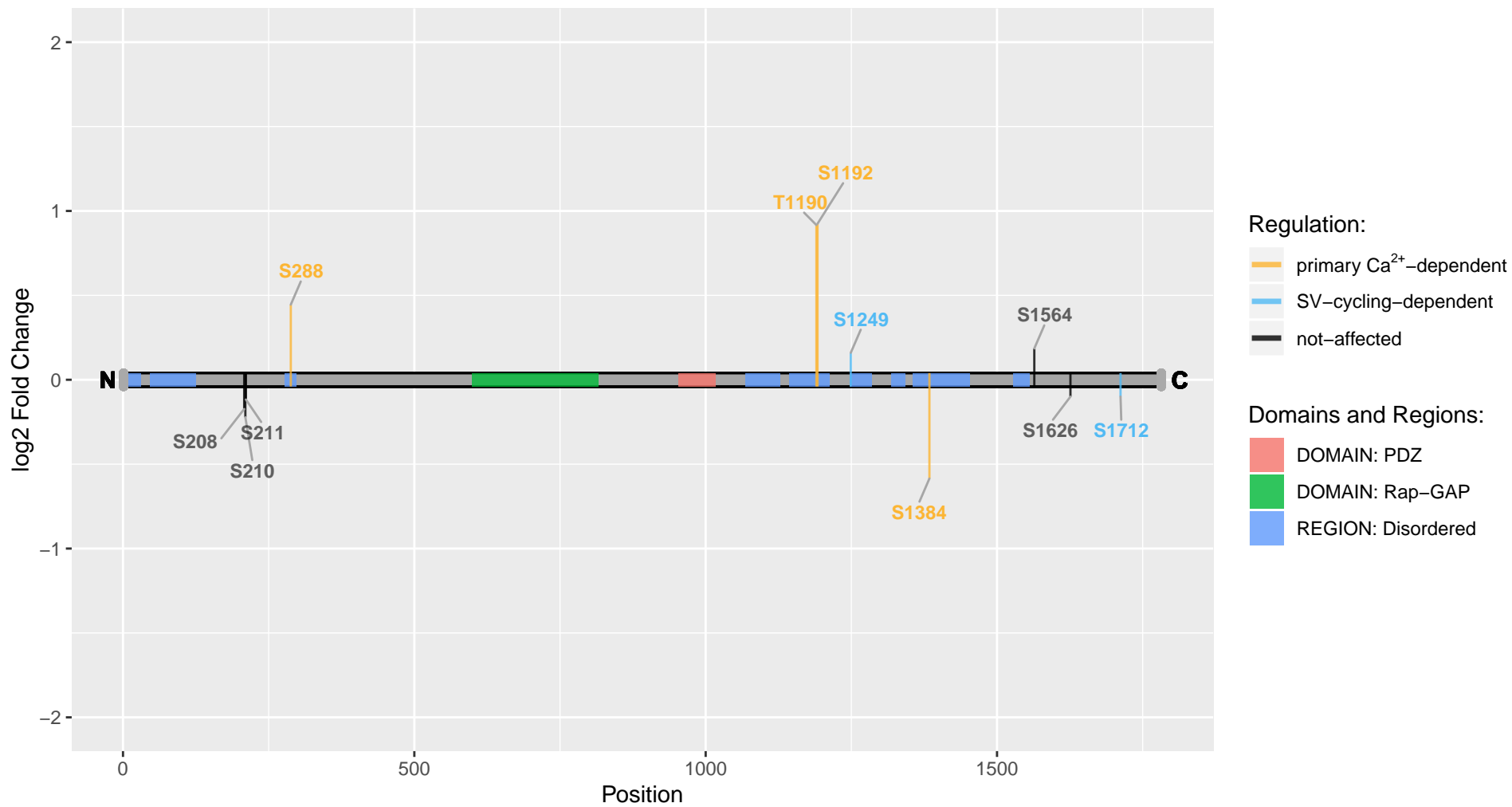
Shootin-1



Sipa111

Uniprot Accession: A0A0G2KAW2

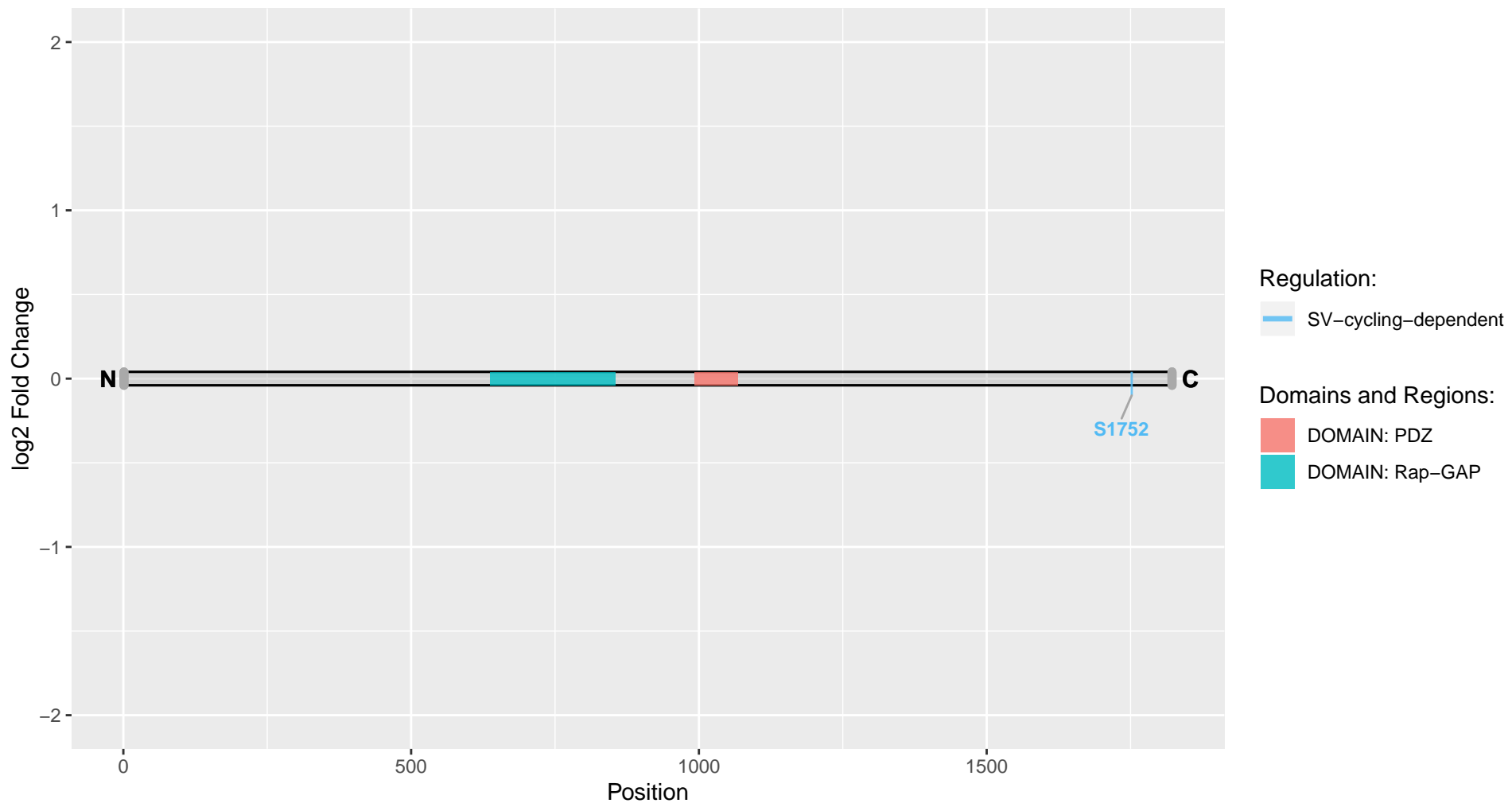
Signal-induced proliferation-associated 1 like 1, isoform CRA_b



Sipa111

Uniprot Accession: O35412

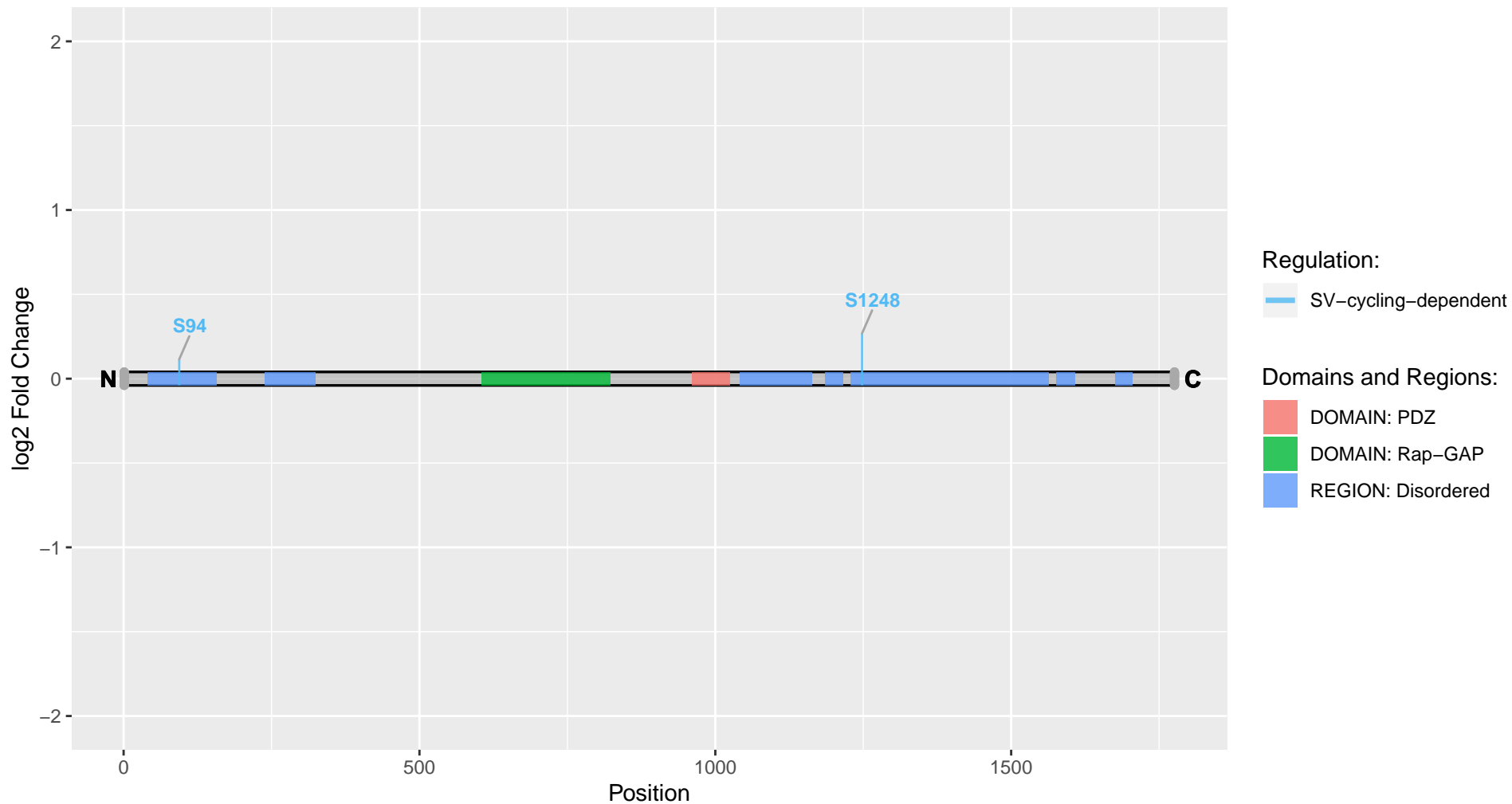
Signal-induced proliferation-associated 1-like protein 1



Sipa113

Uniprot Accession: F1LYG2

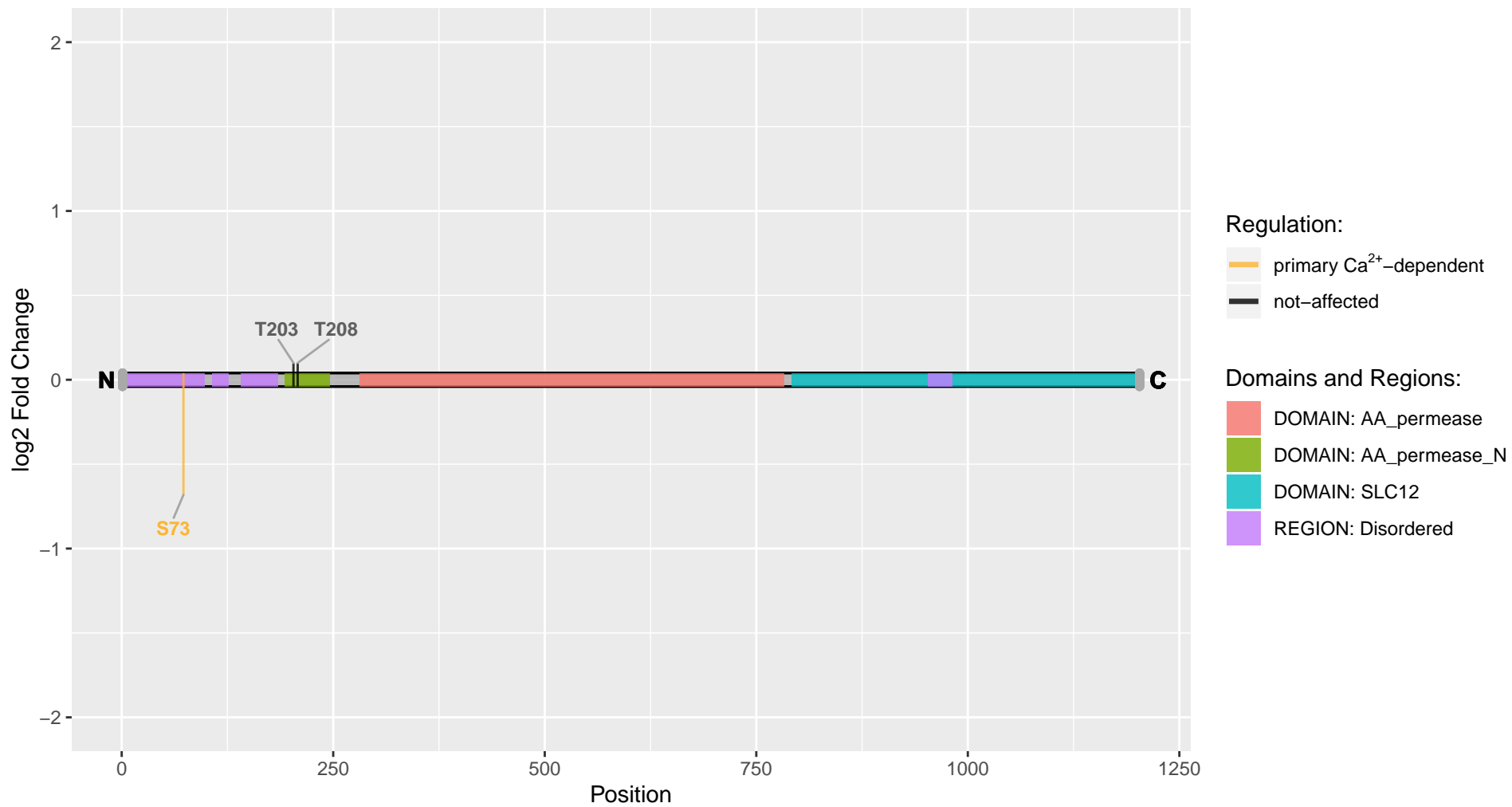
RCG54282



Slc12a2

Uniprot Accession: E9PTX9

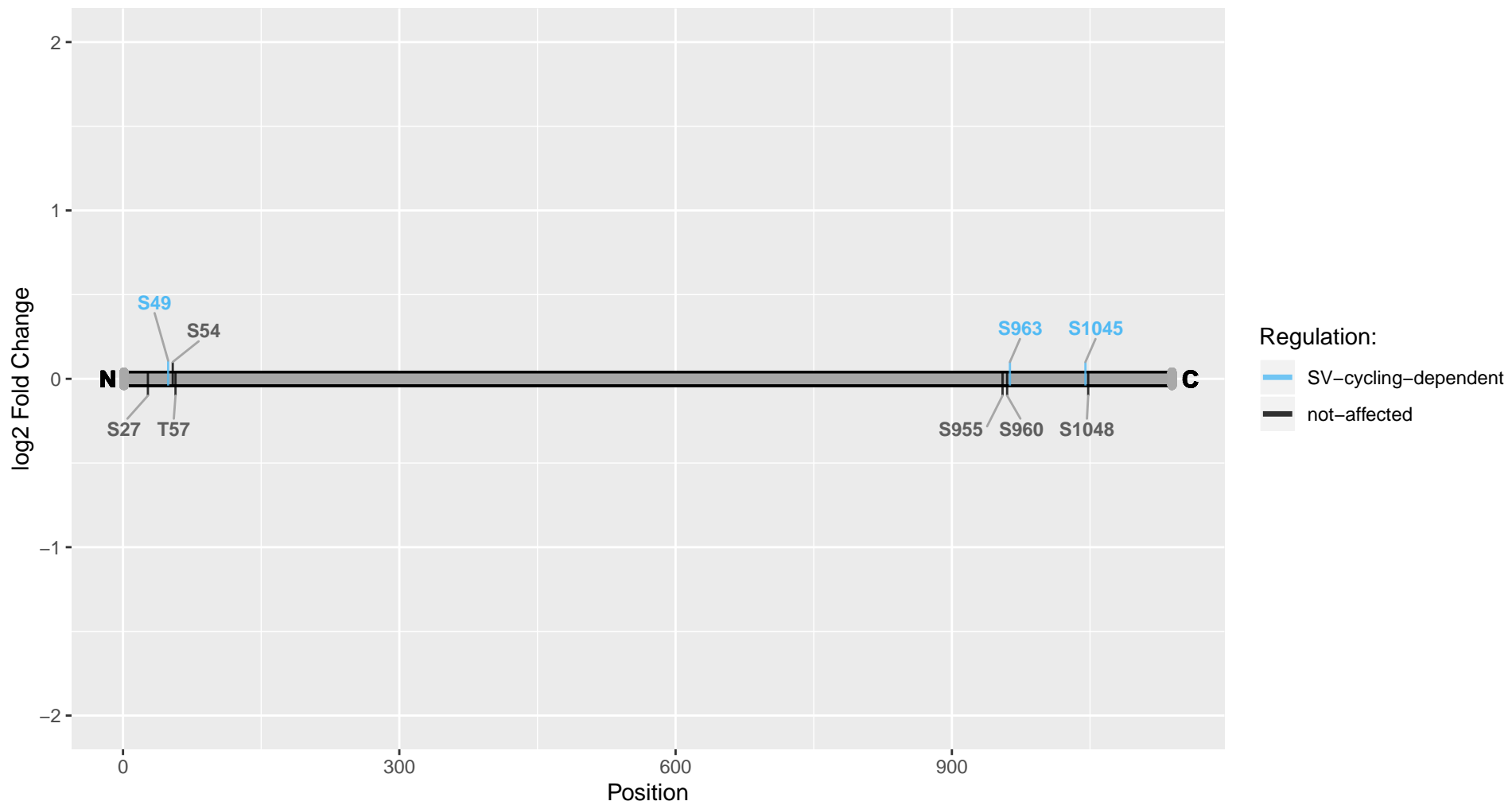
Solute carrier family 12 member 2



Slc12a5

Uniprot Accession: Q63633

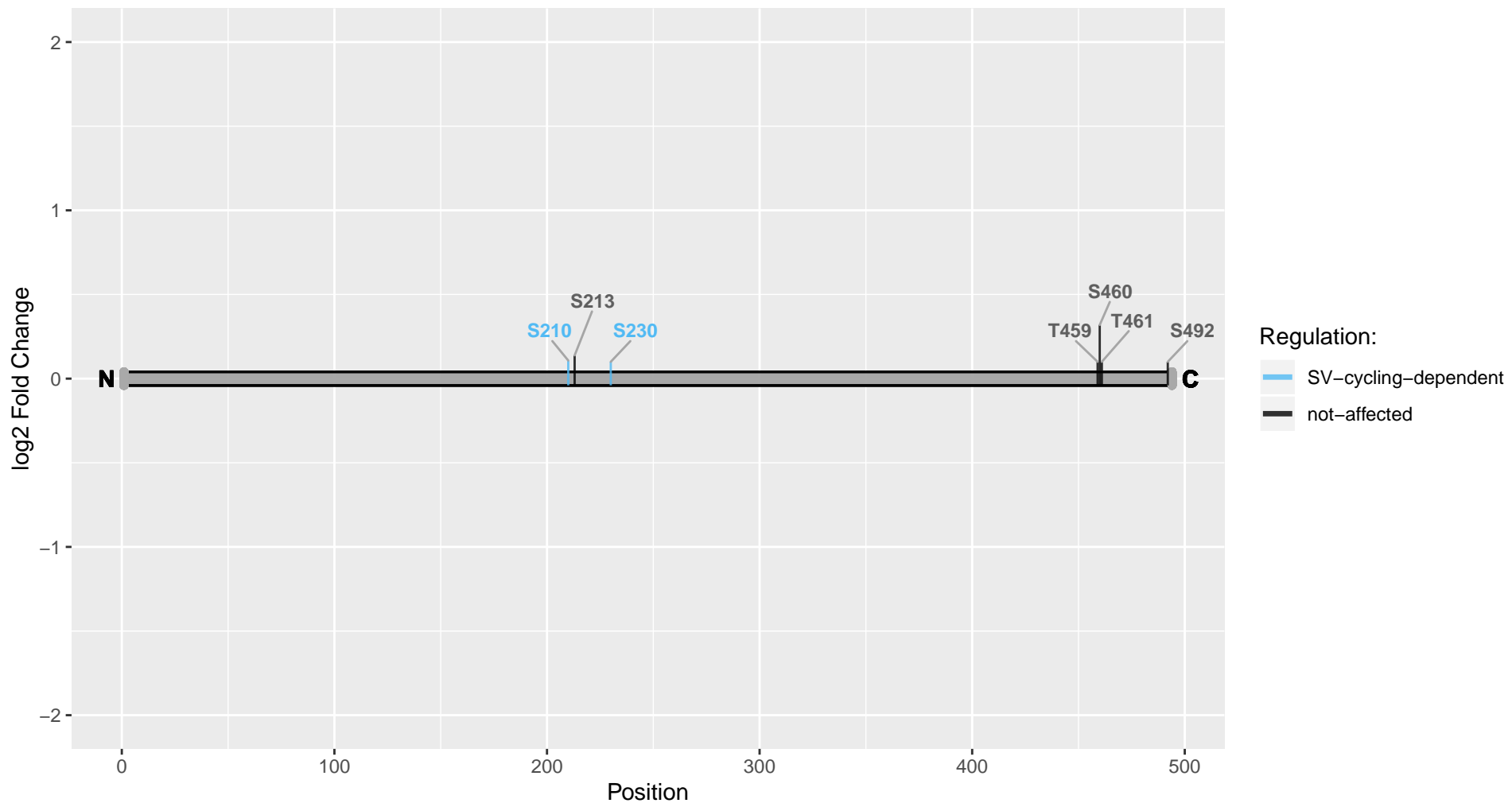
Solute carrier family 12 member 5



Slc16a1

Uniprot Accession: P53987

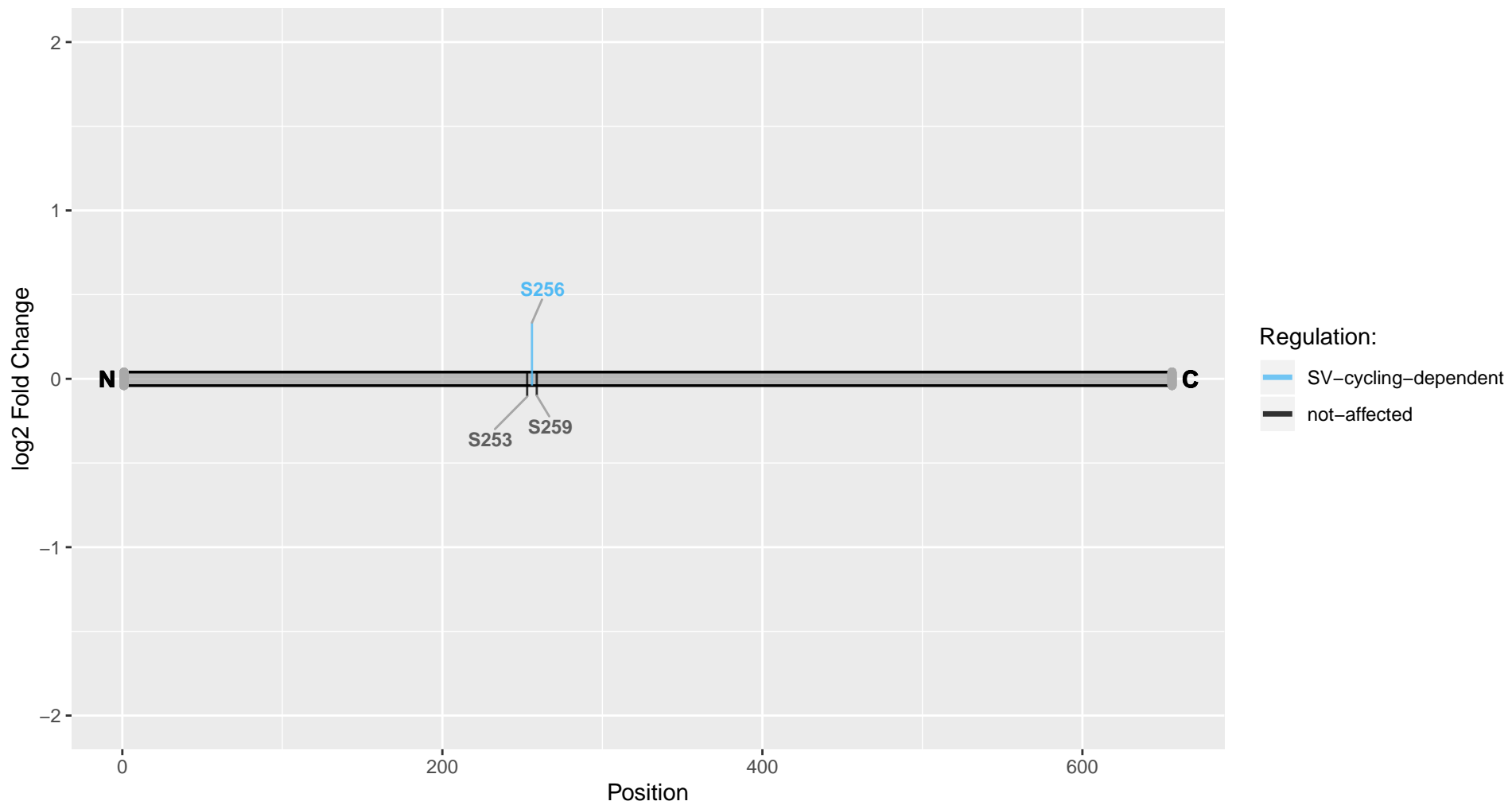
Monocarboxylate transporter 1



Slc20a2

Uniprot Accession: Q63488

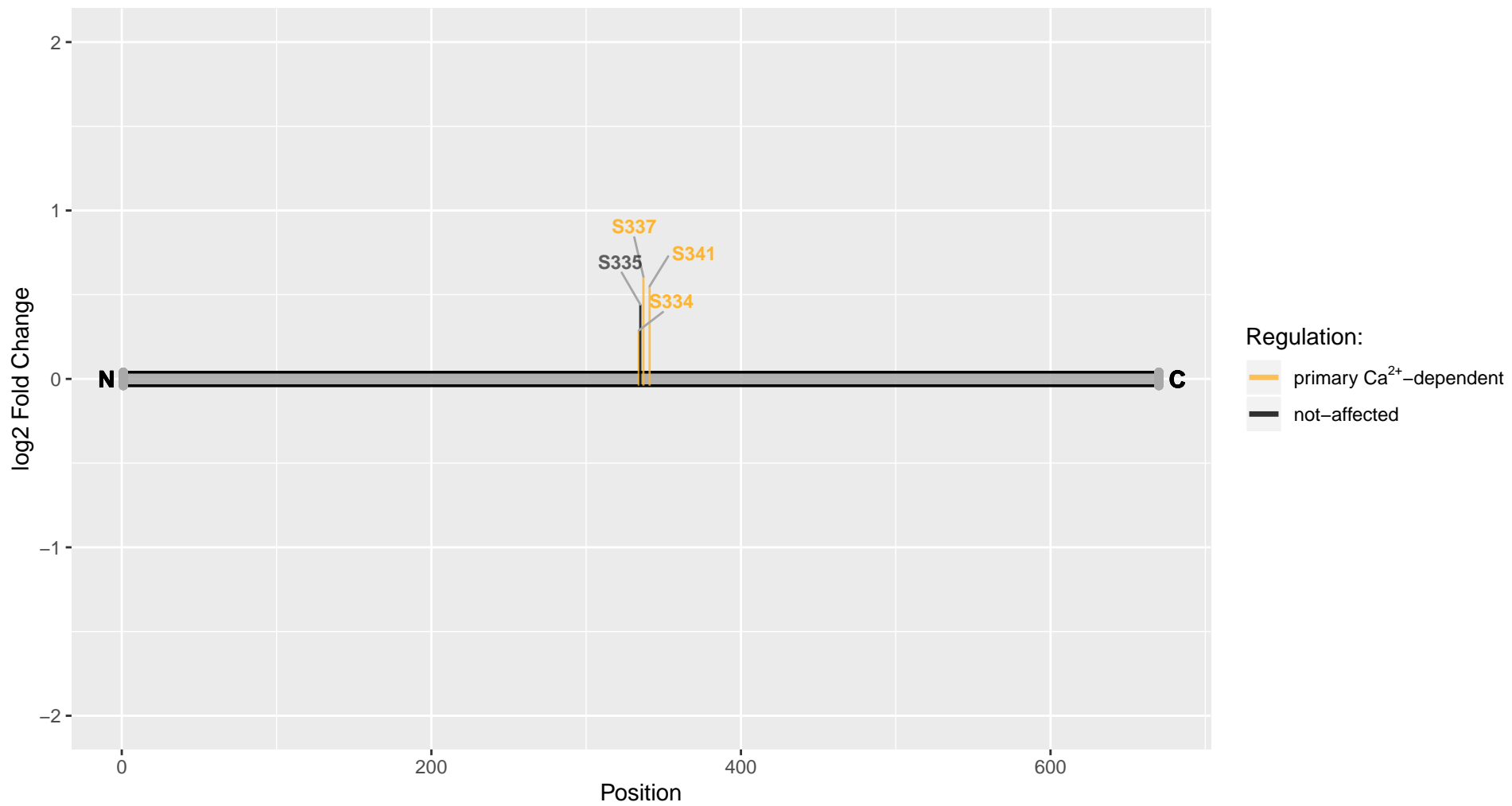
Sodium-dependent phosphate transporter 2



Slc24a2

Uniprot Accession: O54701

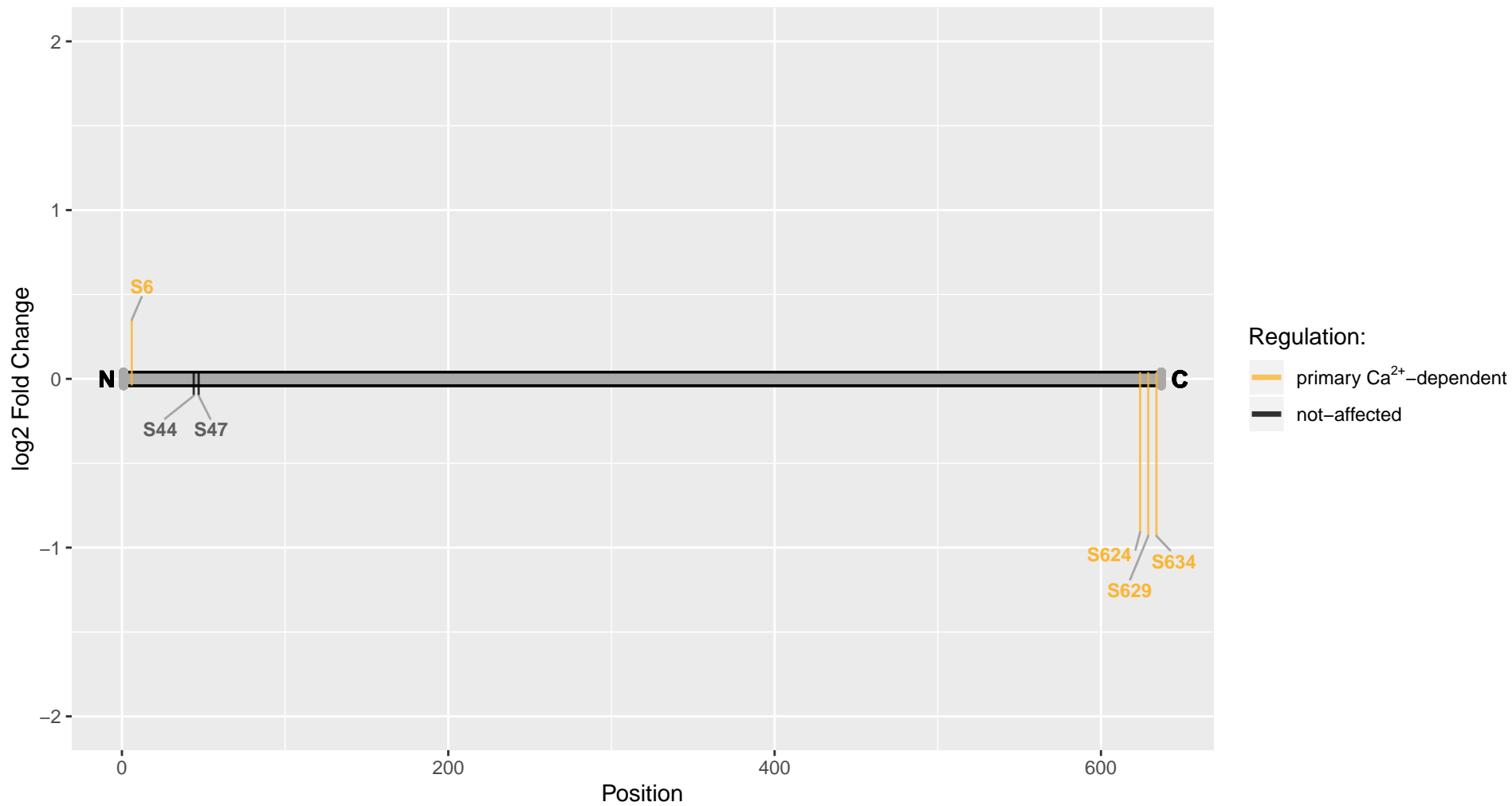
Sodium/potassium/calcium exchanger 2



Slc2a13

Uniprot Accession: Q921A2

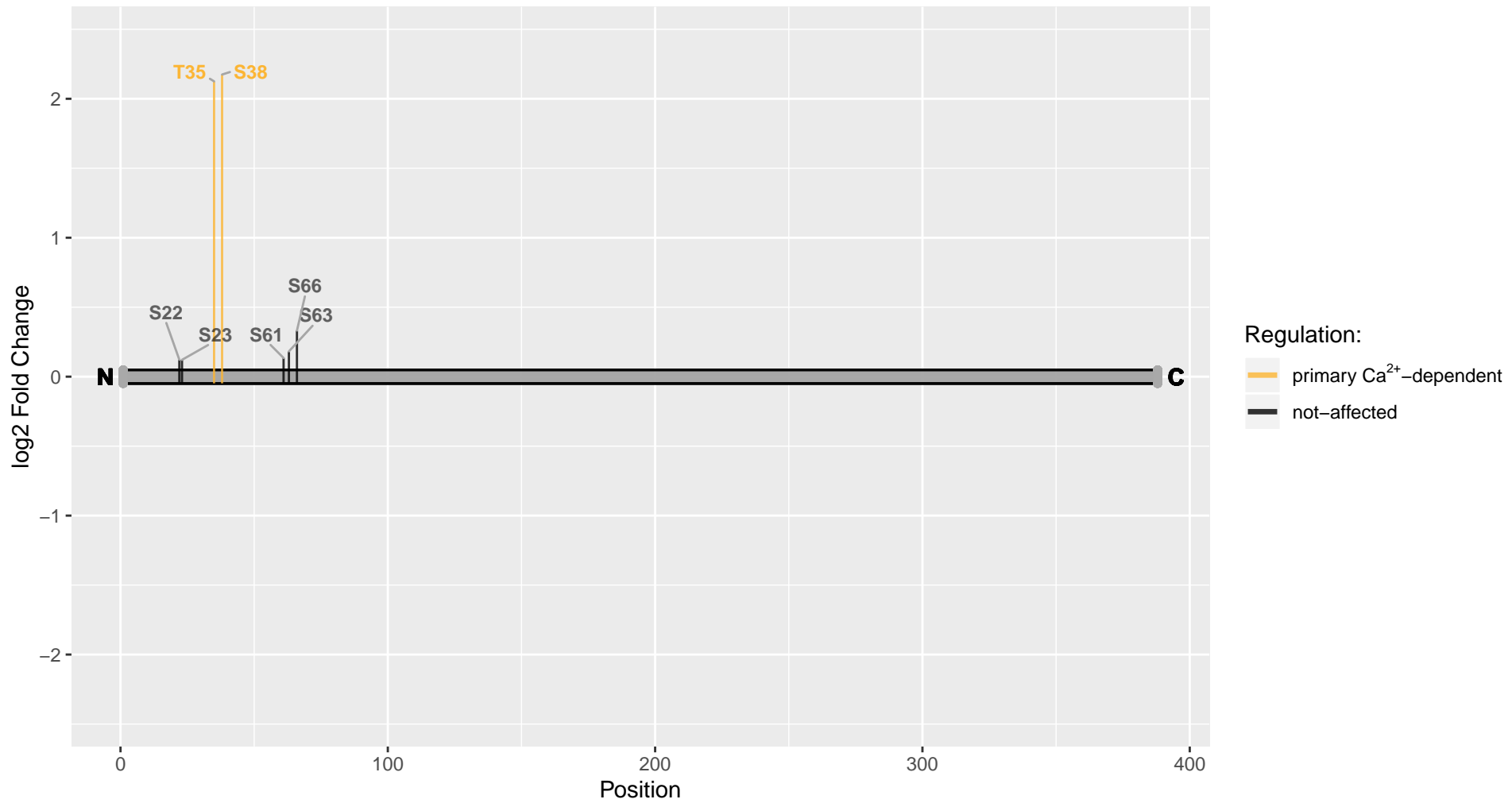
Proton myo-inositol cotransporter



Slc30a3

Uniprot Accession: Q6QIX3

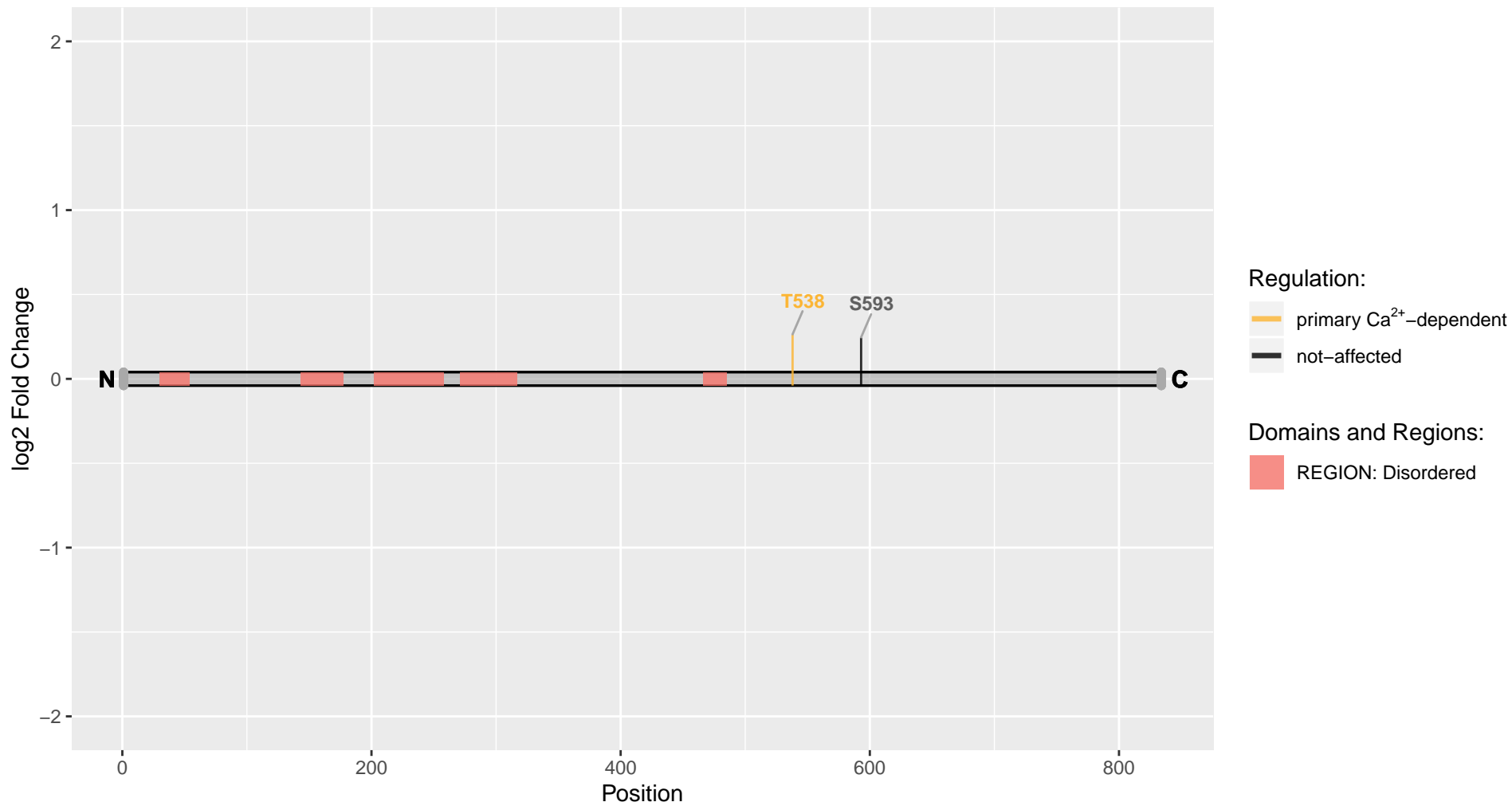
Zinc transporter 3



Slc39a10

Uniprot Accession: D4A517

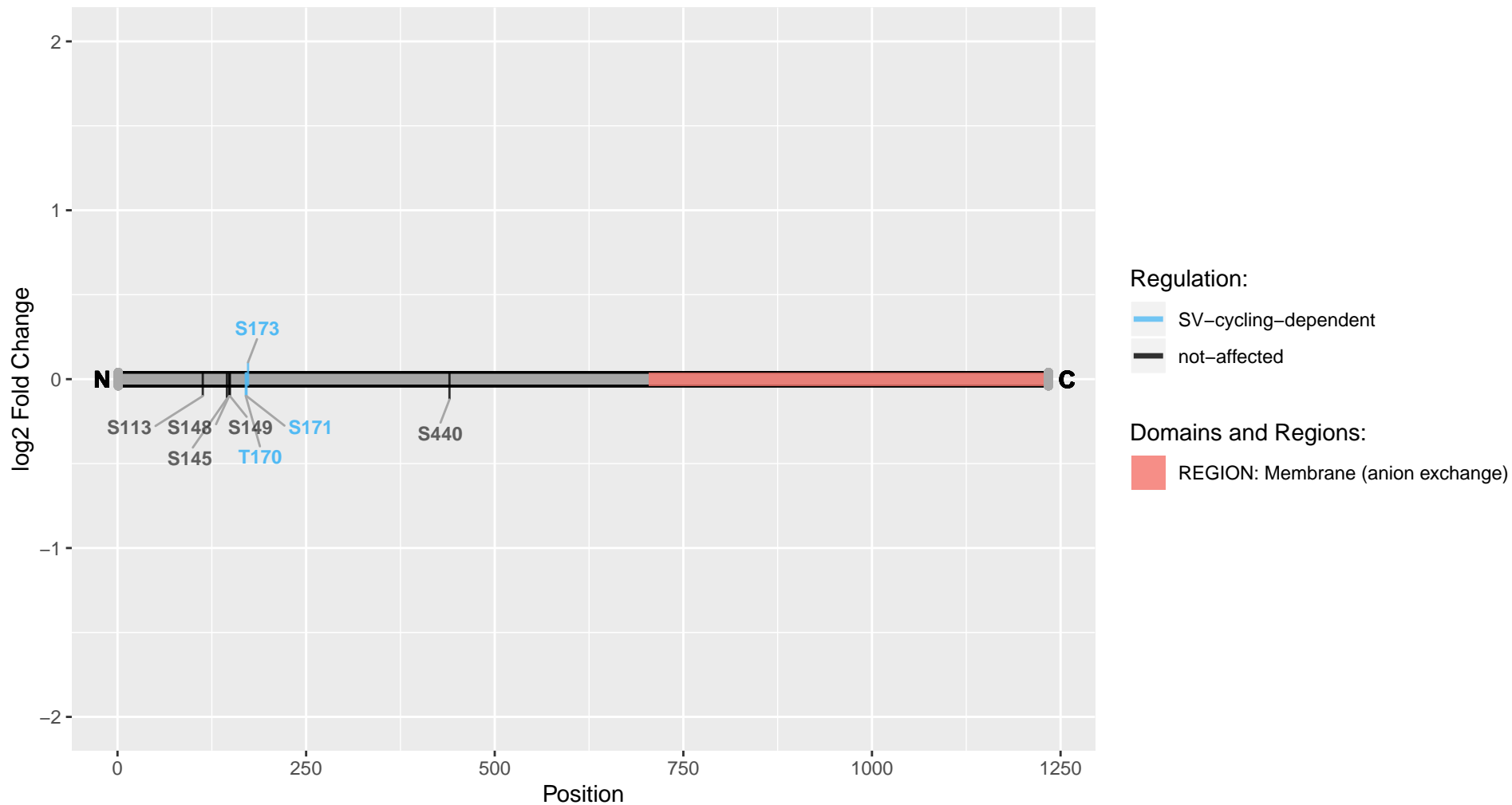
Solute carrier family 39 (Zinc transporter), member 10 (Predicted), isoform CRA_a



Slc4a2

Uniprot Accession: P23347

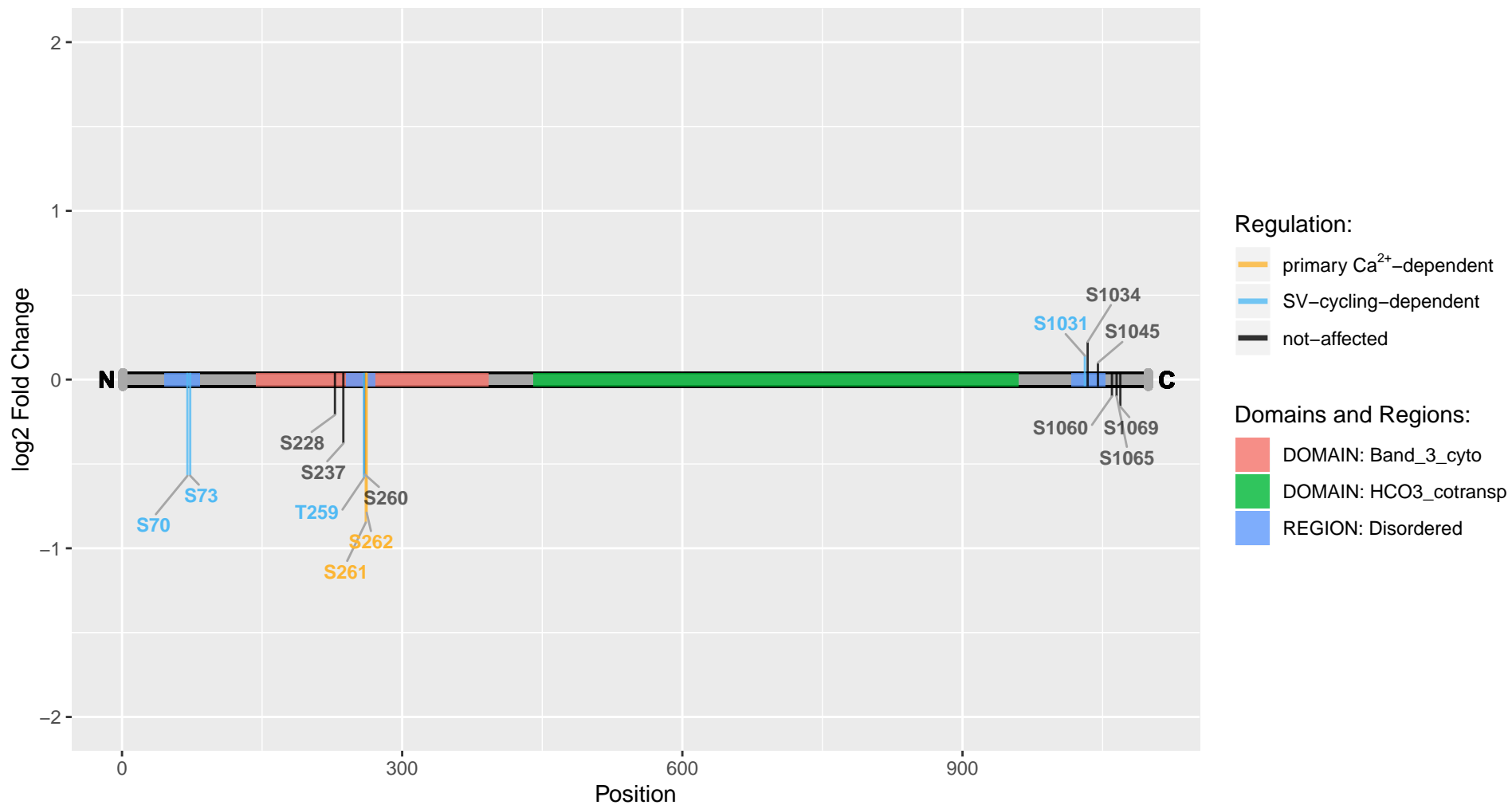
Anion exchange protein 2



Slc4a4

Uniprot Accession: A0A0H2UHB7

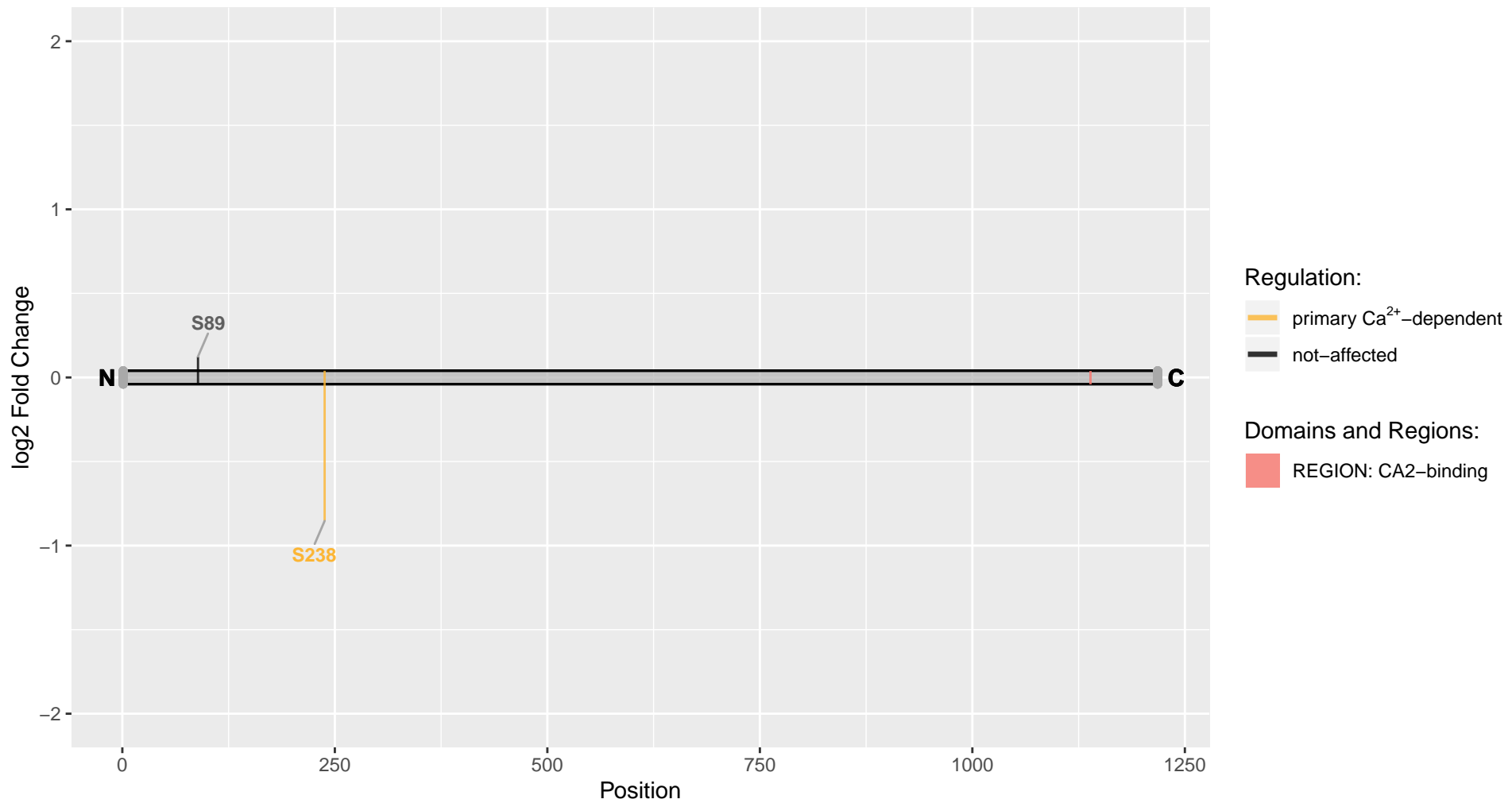
Anion exchange protein



Slc4a7

Uniprot Accession: Q9R1N3

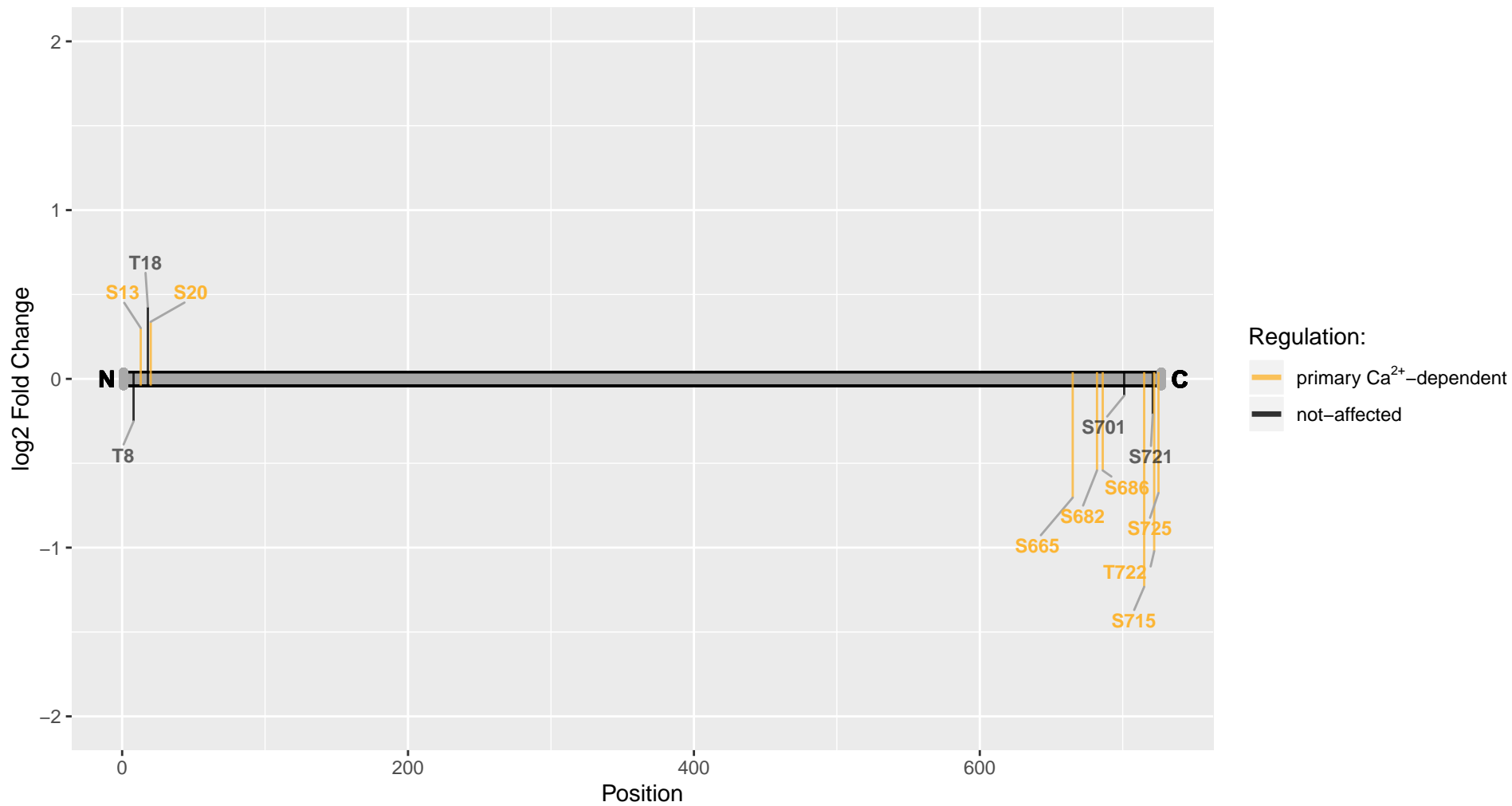
Sodium bicarbonate cotransporter 3



Slc6a17

Uniprot Accession: P31662

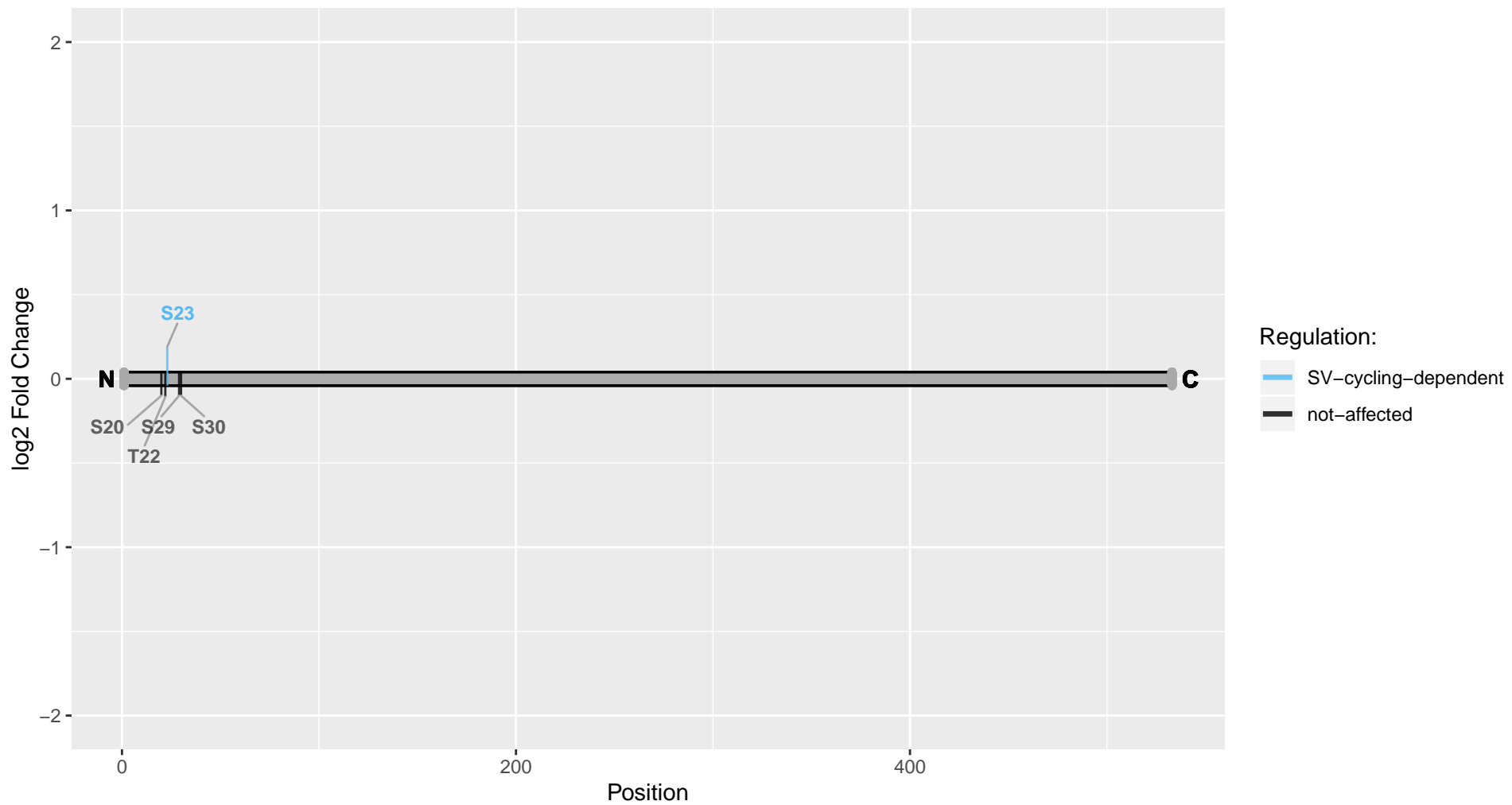
Sodium-dependent neutral amino acid transporter SLC6A17



Slc7a8

Uniprot Accession: Q9WVR6

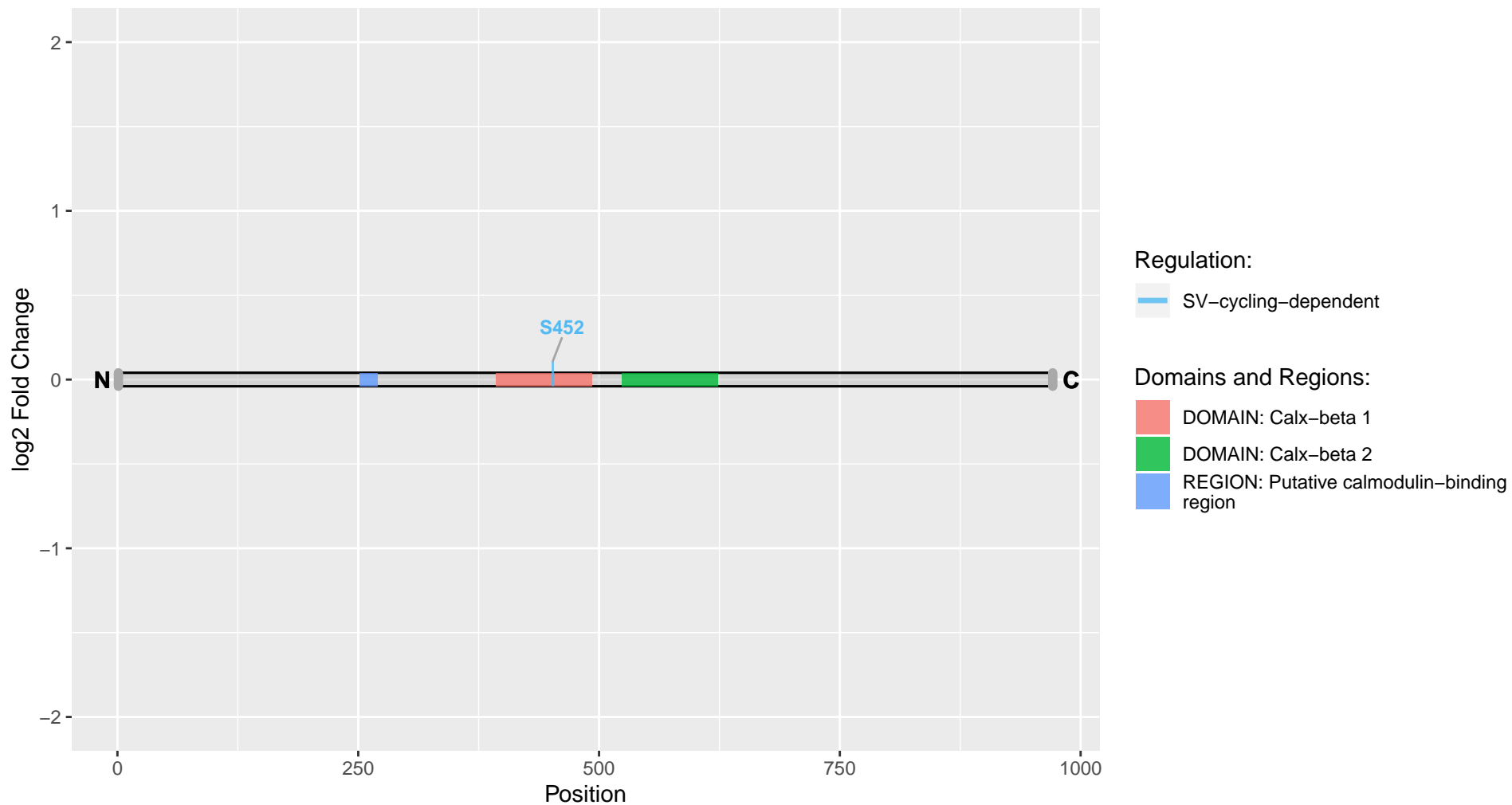
Large neutral amino acids transporter small subunit 2



Slc8a1

Uniprot Accession: Q01728

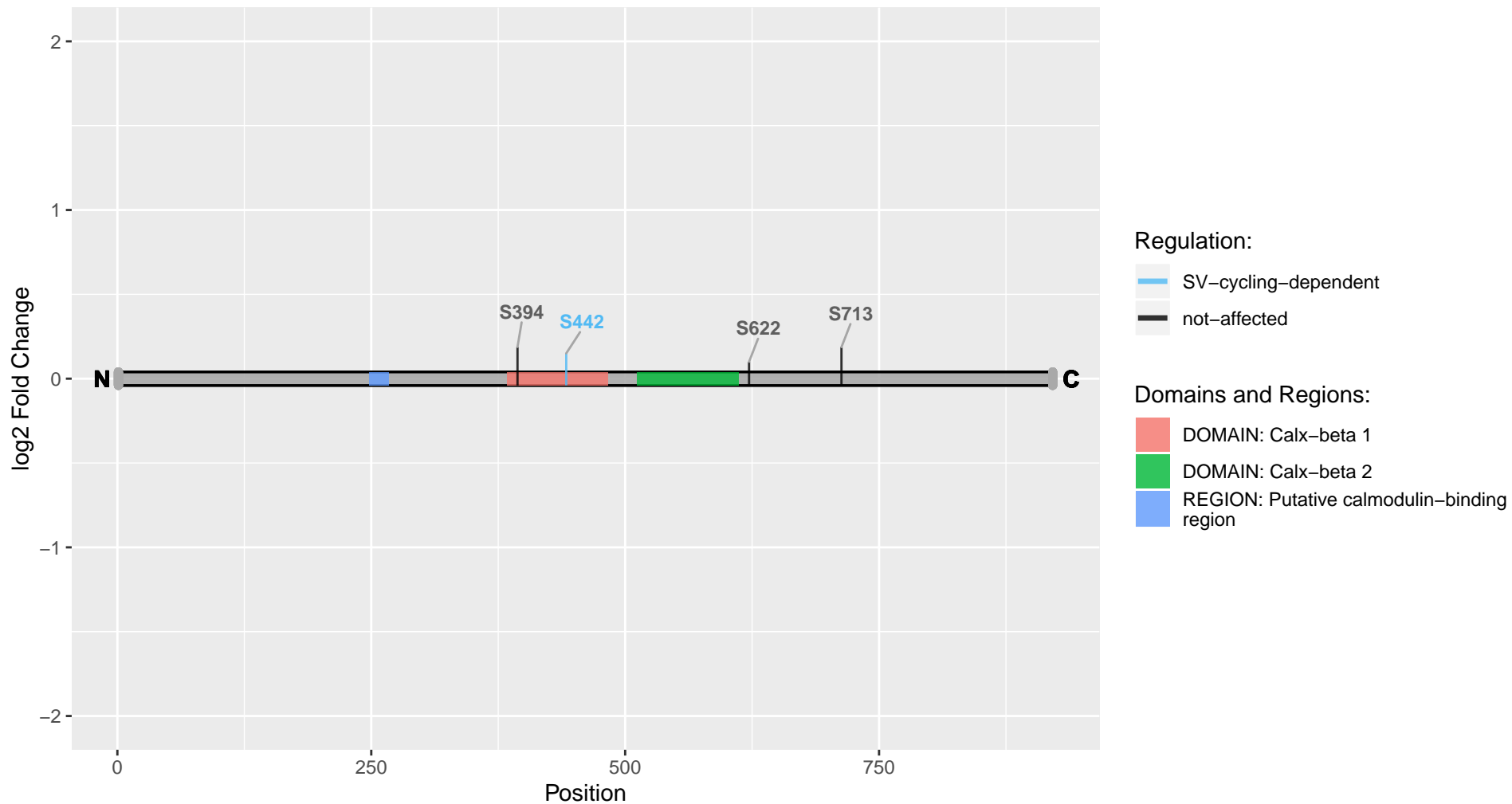
Sodium/calcium exchanger 1



Slc8a2

Uniprot Accession: P48768

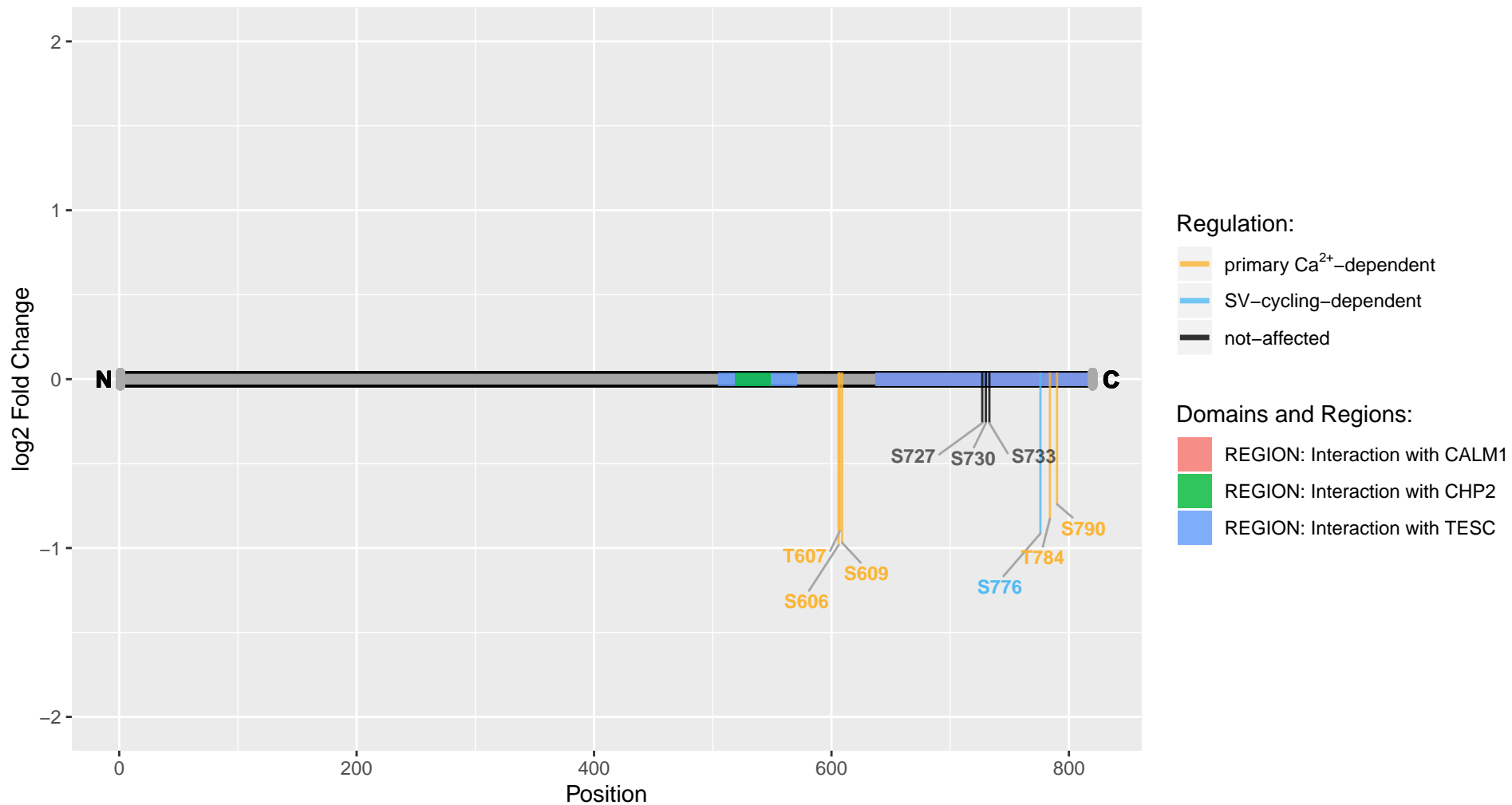
Sodium/calcium exchanger 2



Slc9a1

Uniprot Accession: P26431

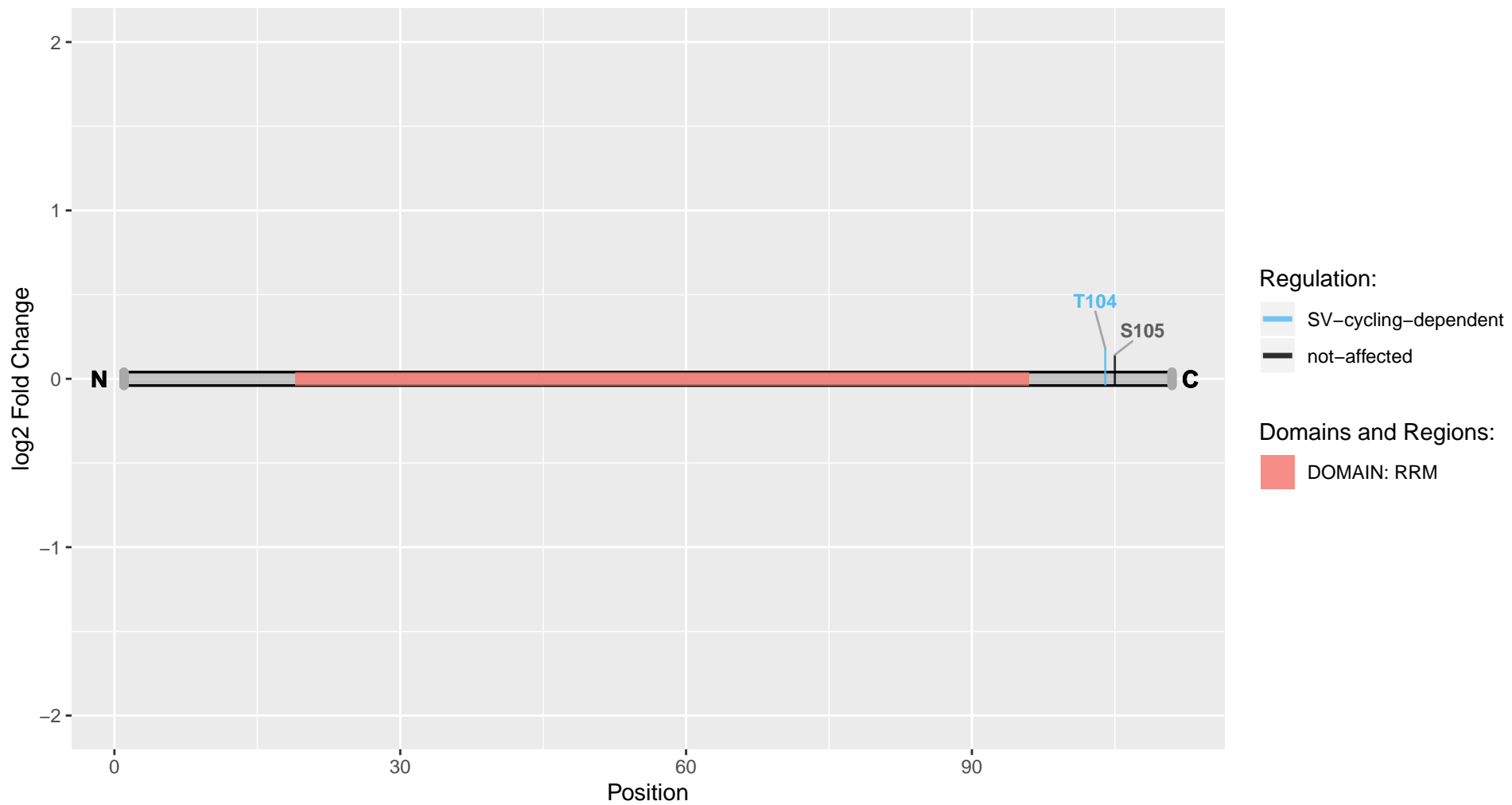
Sodium/hydrogen exchanger 1



Slirp

Uniprot Accession: D4A4W6

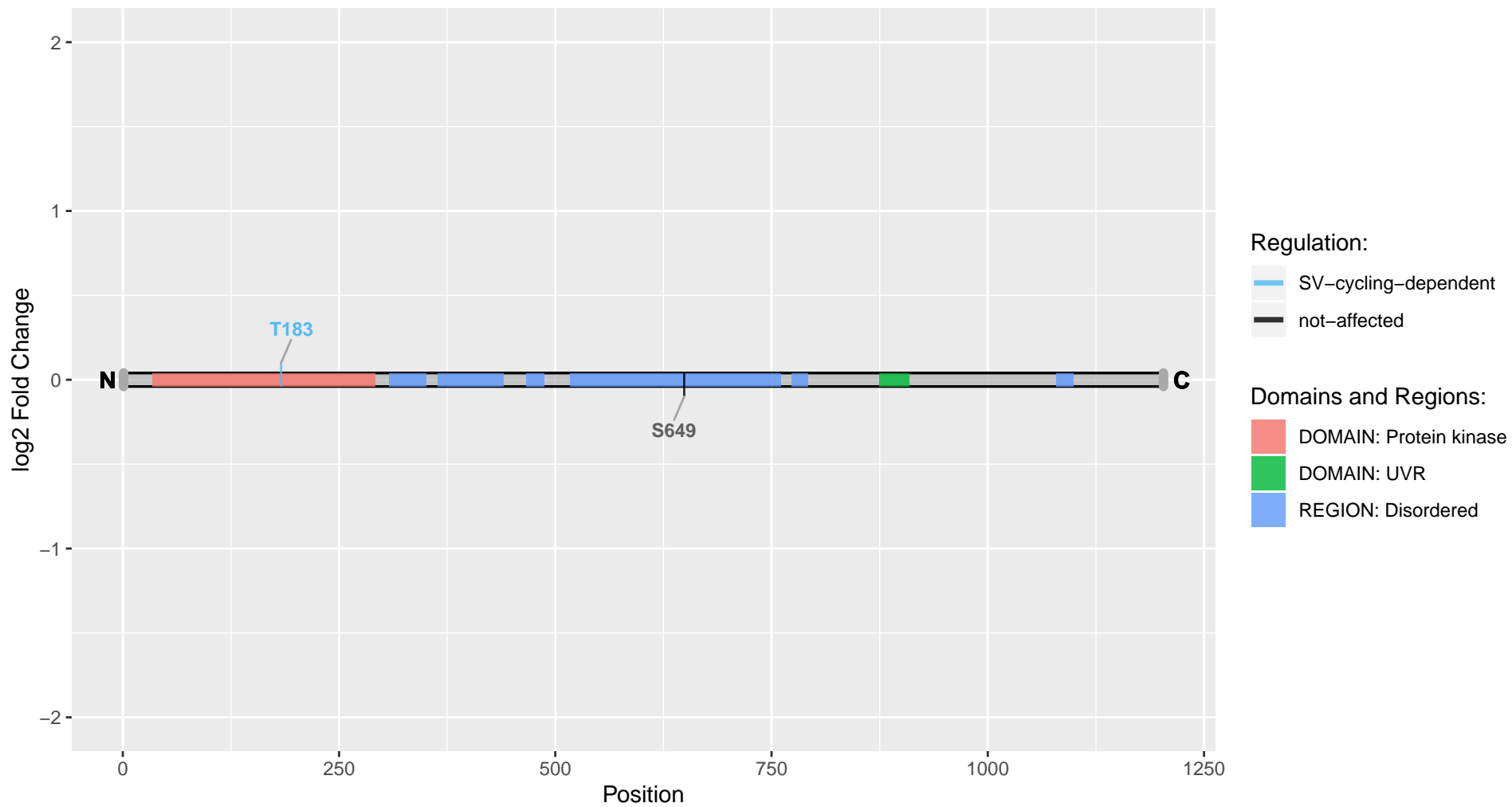
RCG20695, isoform CRA_b



Slk

Uniprot Accession: G3V7I8

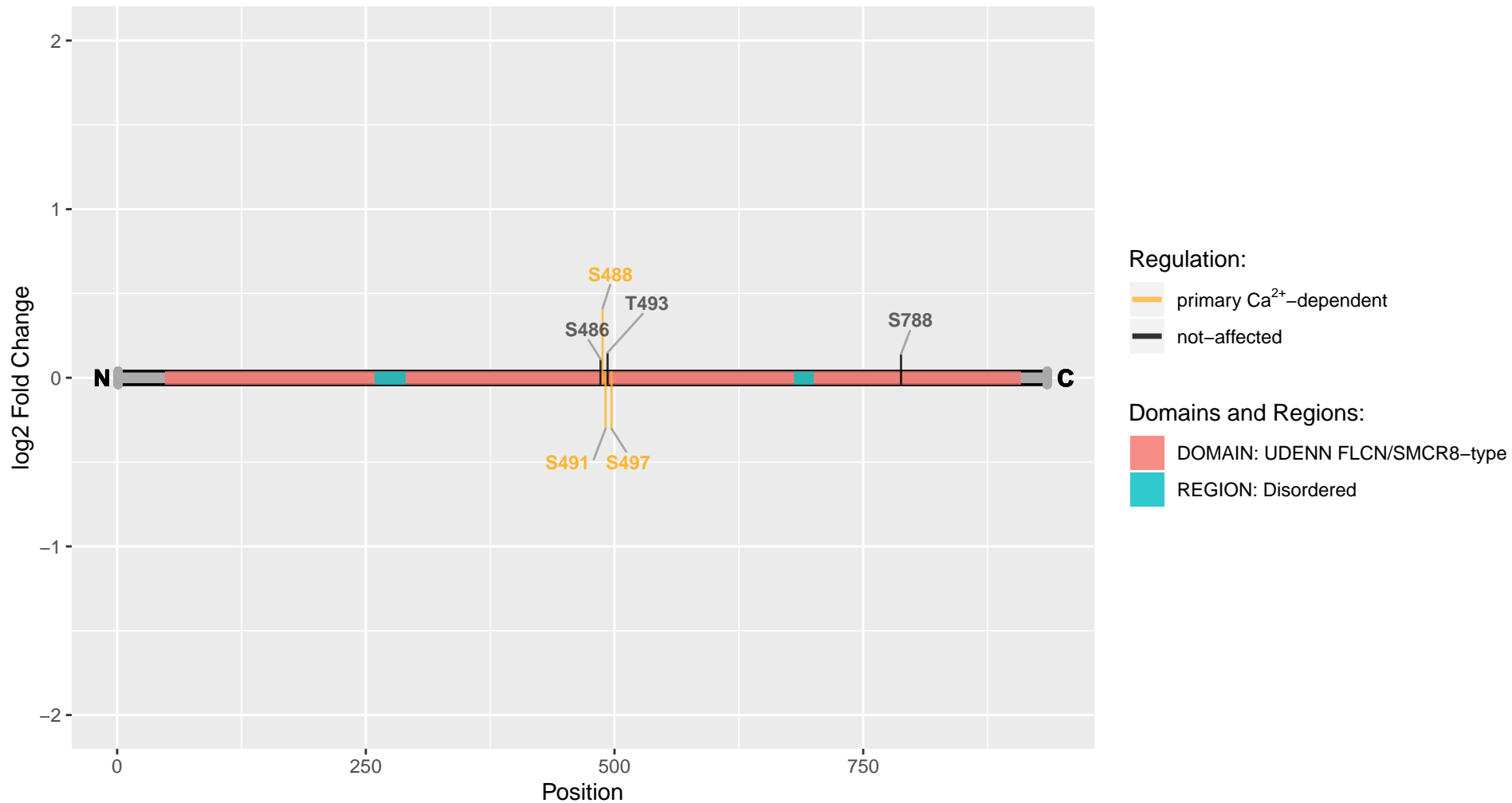
RCG57812, isoform CRA_b



Smcr8

Uniprot Accession: D3ZJR6

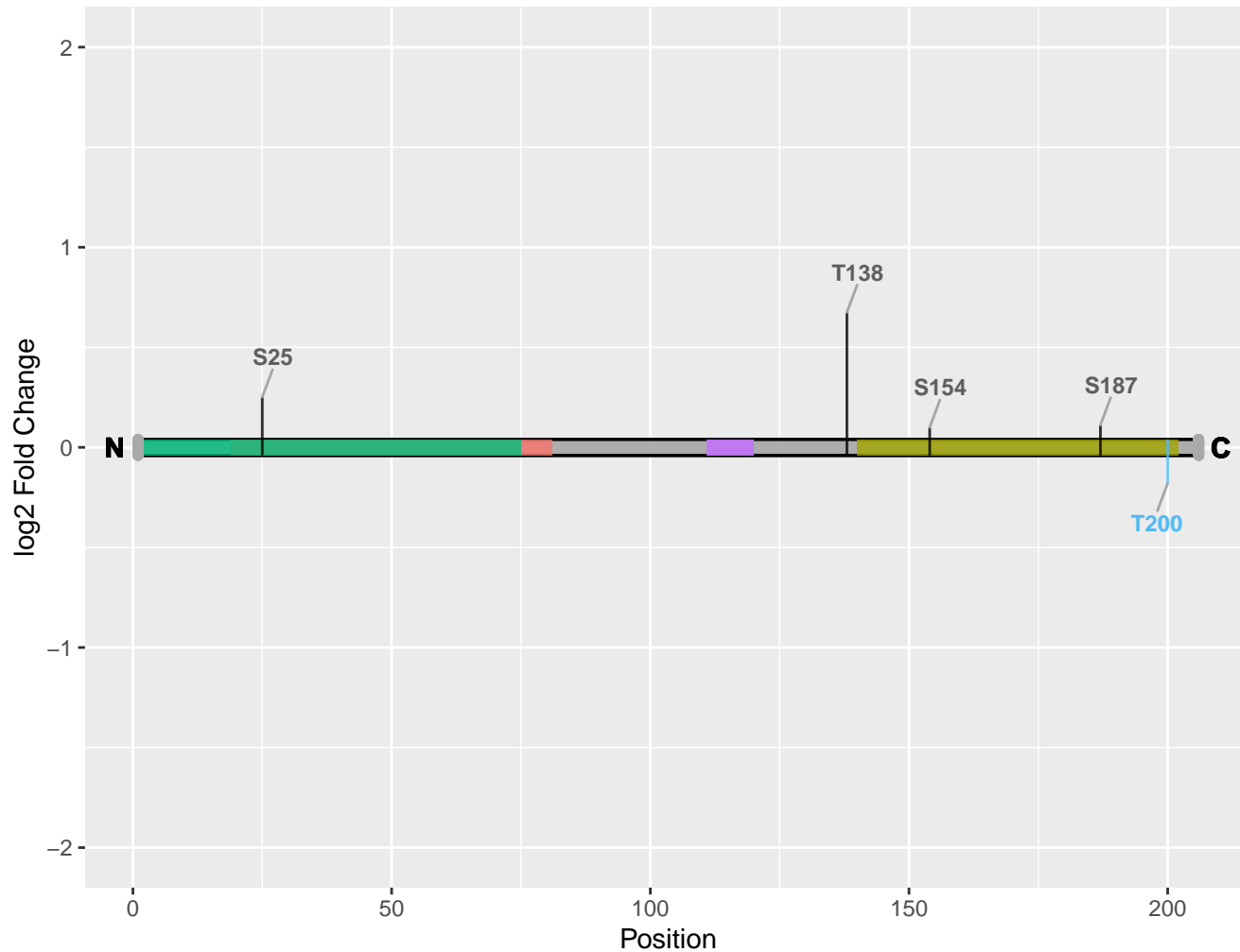
Smith–Magenis syndrome chromosome region, candidate 8



Snap25

Uniprot Accession: P60881

Synaptosomal-associated protein 25



Regulation:

- SV-cycling-dependent
- not-affected

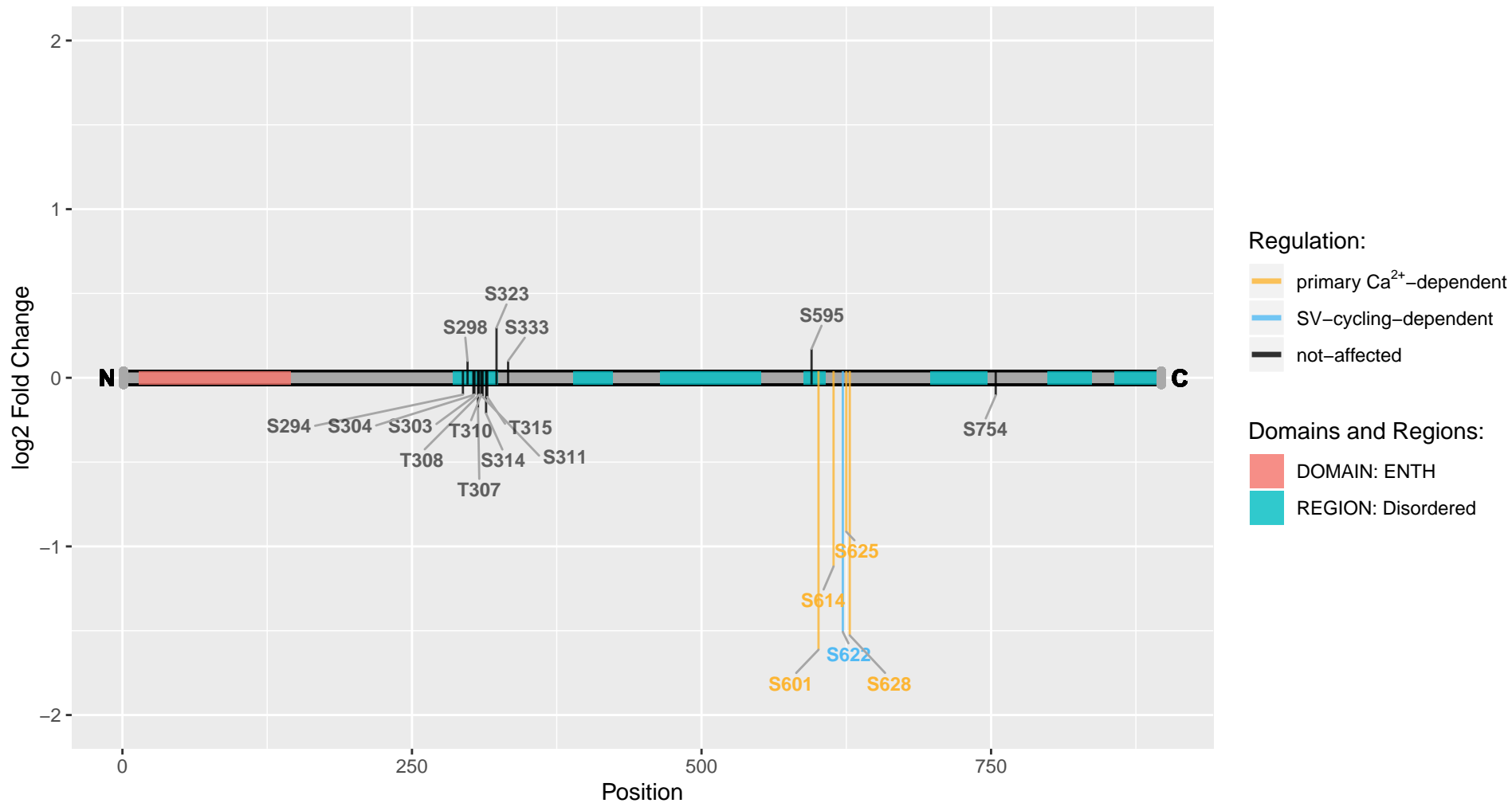
Domains and Regions:

- 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

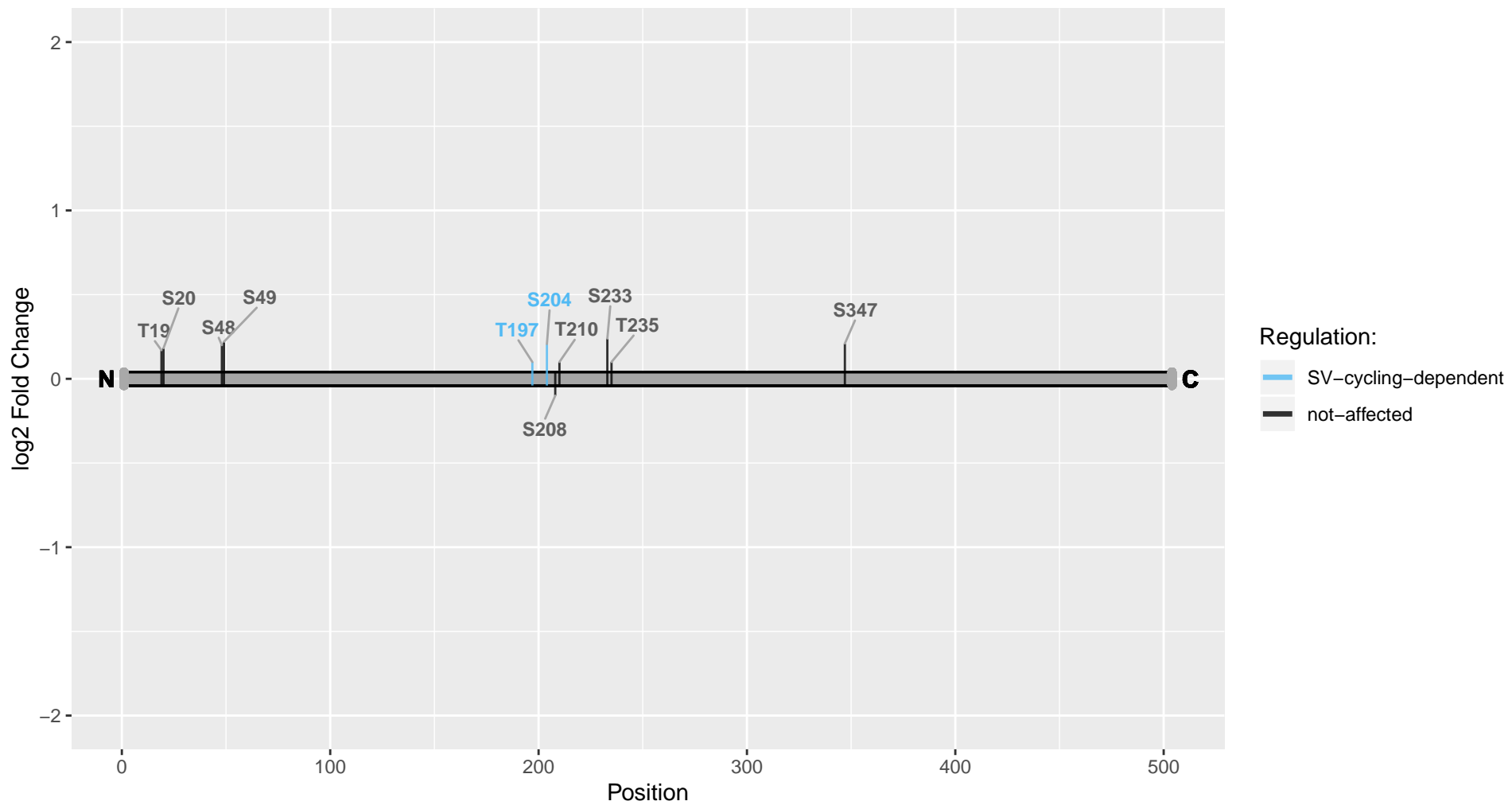
Clathrin coat assembly protein AP180



Snph

Uniprot Accession: B5DF41

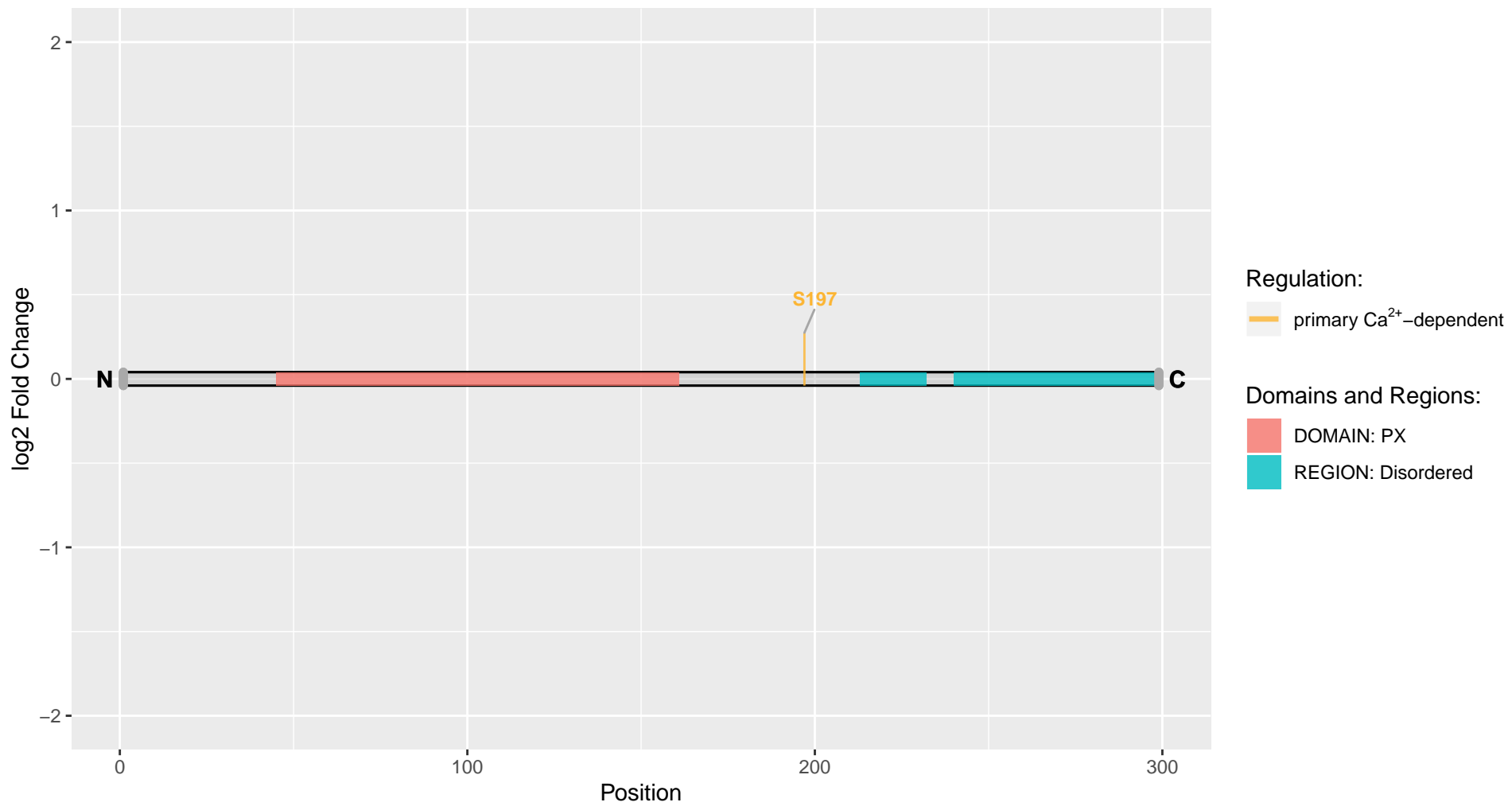
Syntaphilin



Snx11

Uniprot Accession: A0A0G2JXH9

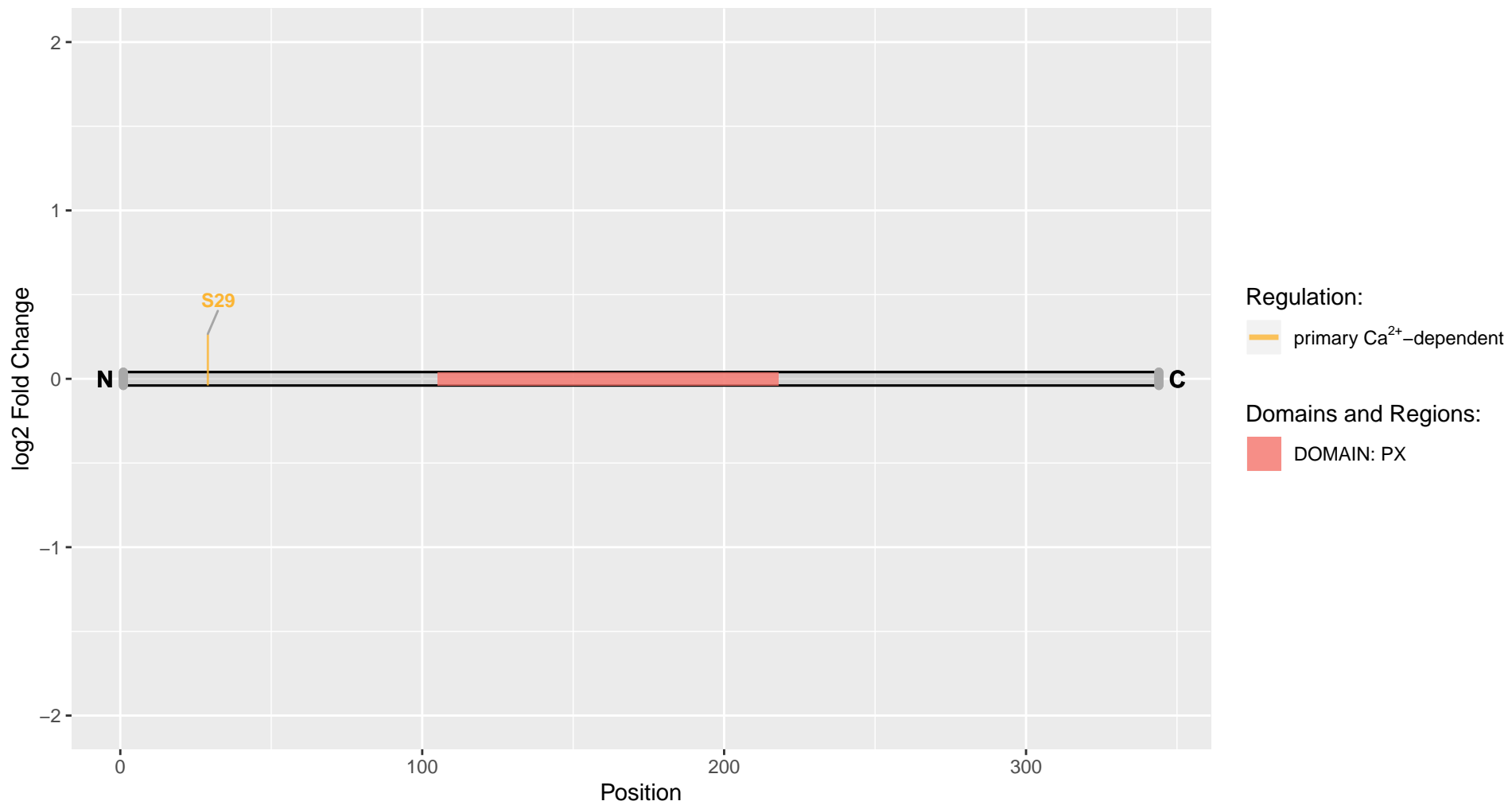
Sorting nexin 11



Snx16

Uniprot Accession: P57769

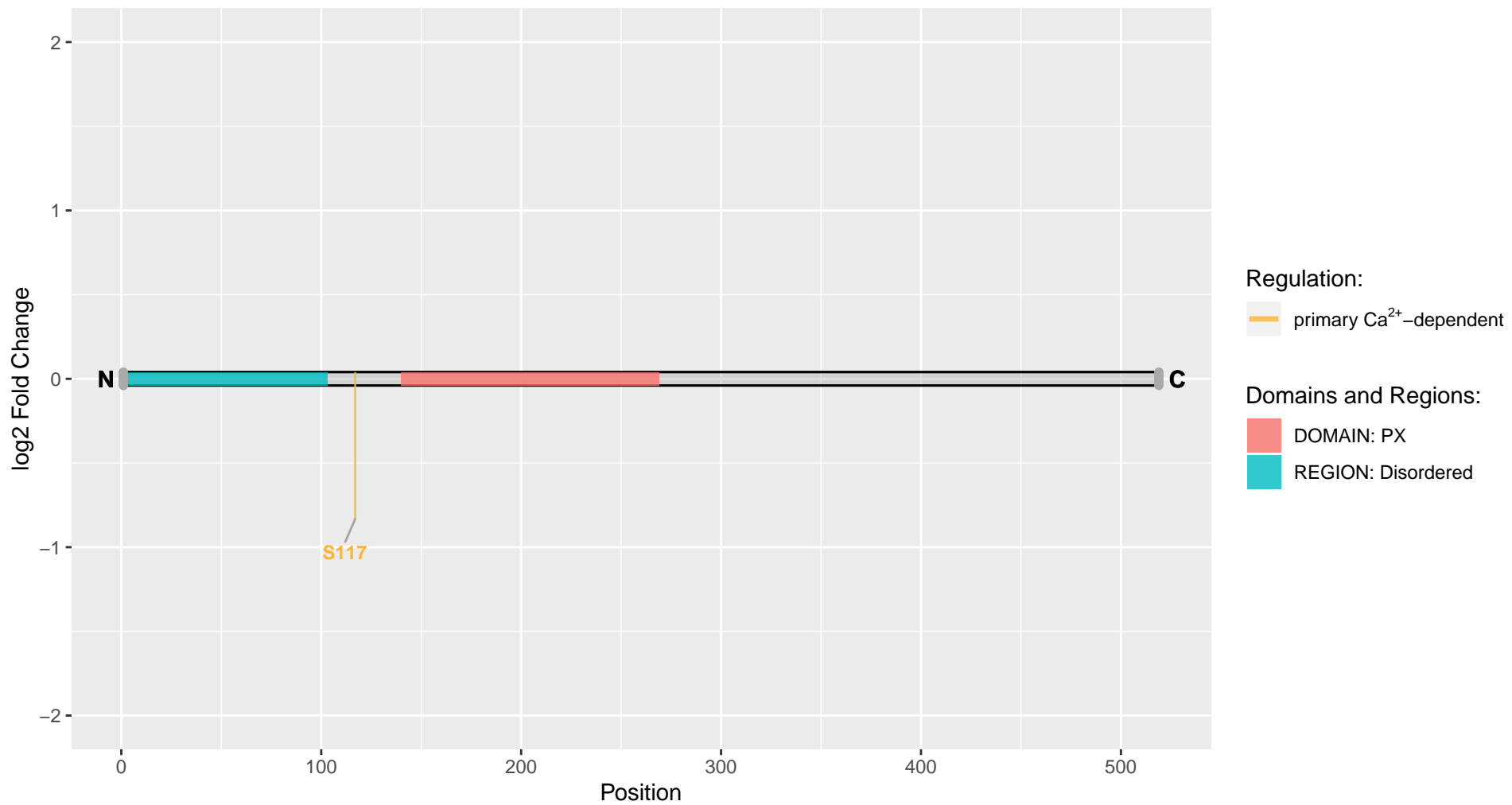
Sorting nexin-16



Snx2

Uniprot Accession: B2RYP4

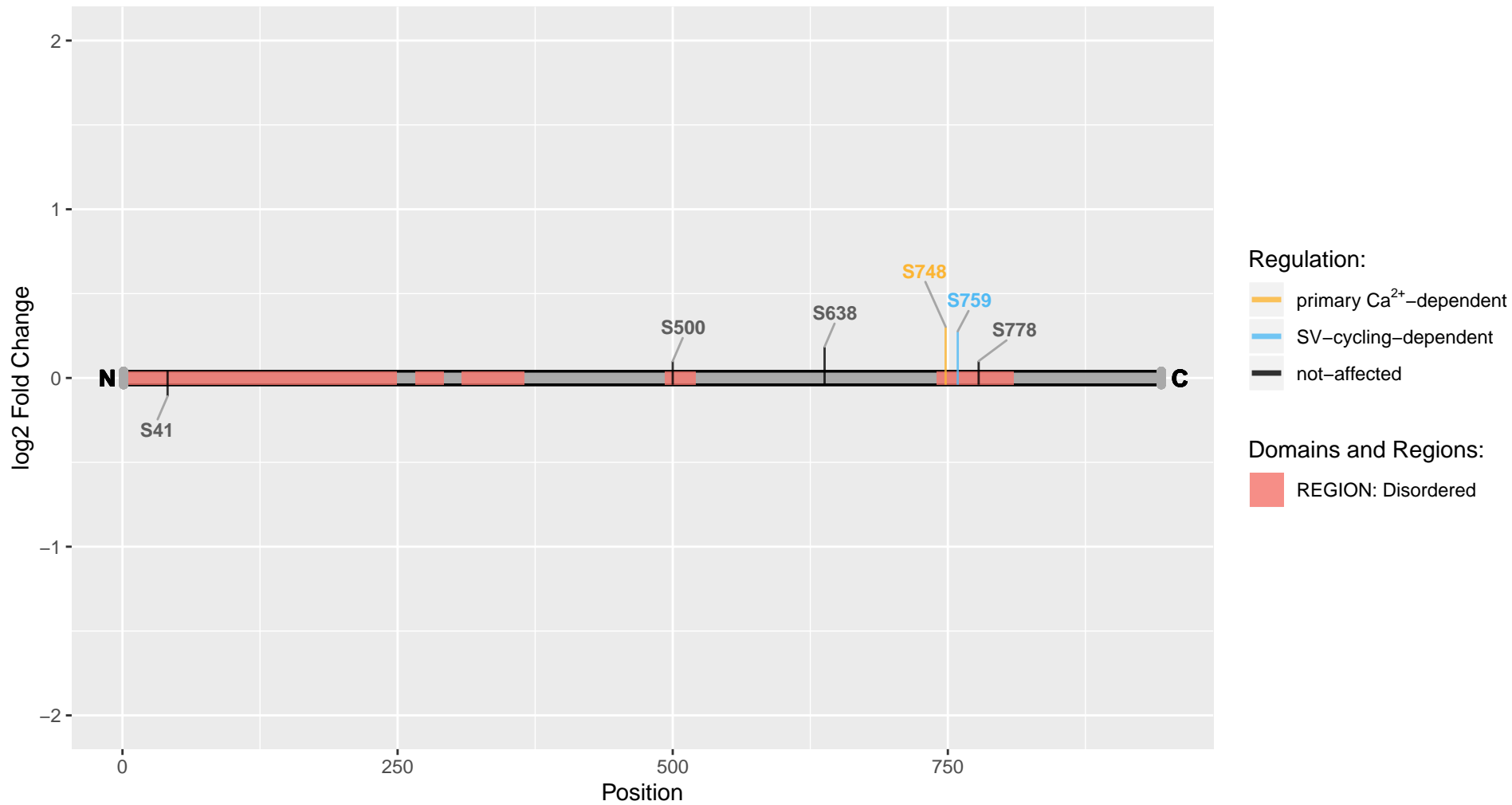
Sorting nexin 2



Soga3

Uniprot Accession: D4A0A1

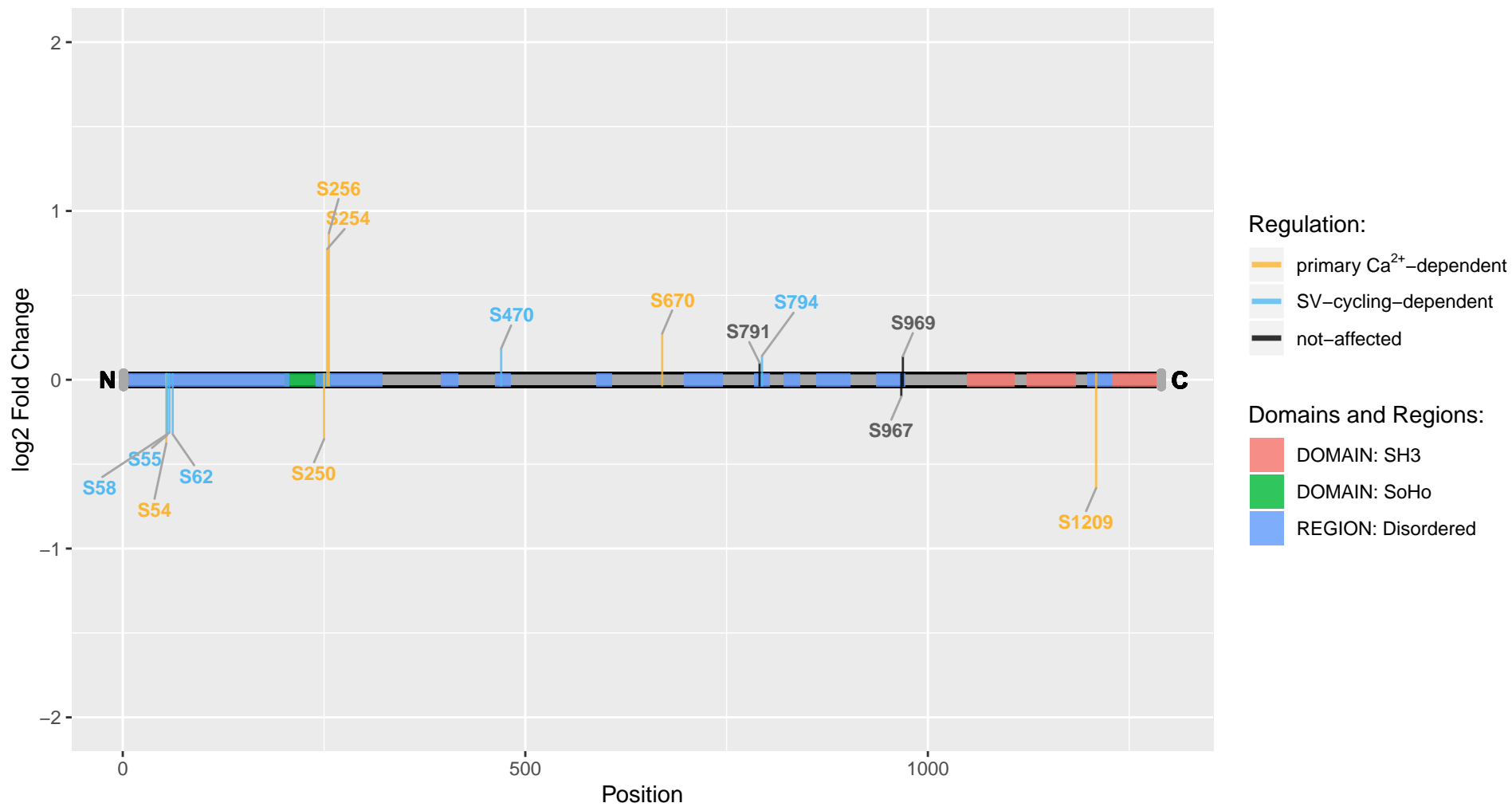
SOGA family member 3



Sorbs1

Uniprot Accession: F1M820

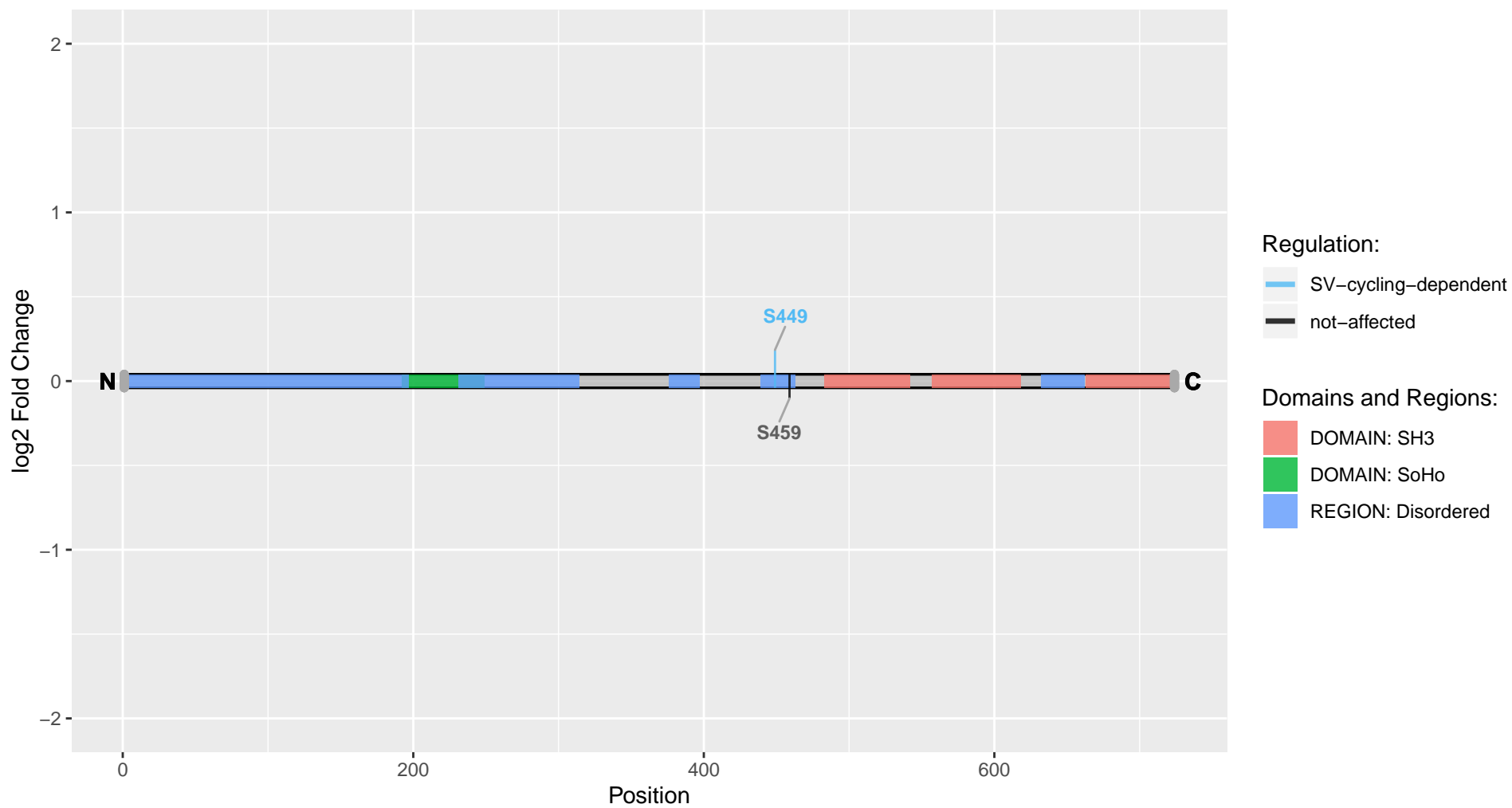
Sorbin and SH3 domain-containing protein 1



Sorbs1

Uniprot Accession: F1M840

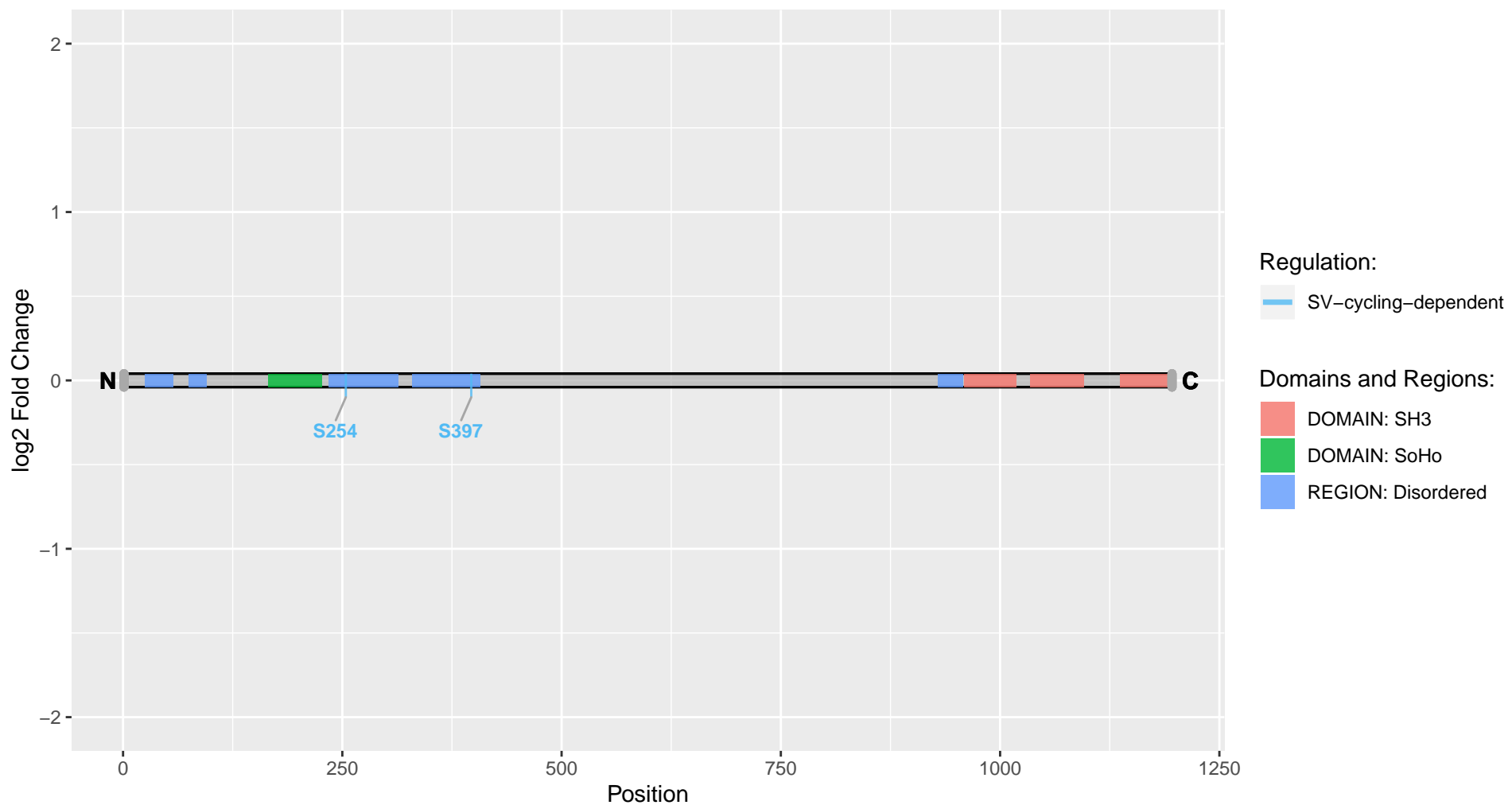
Sorbin and SH3 domain-containing protein 1



Sorbs2

Uniprot Accession: F1LPM3

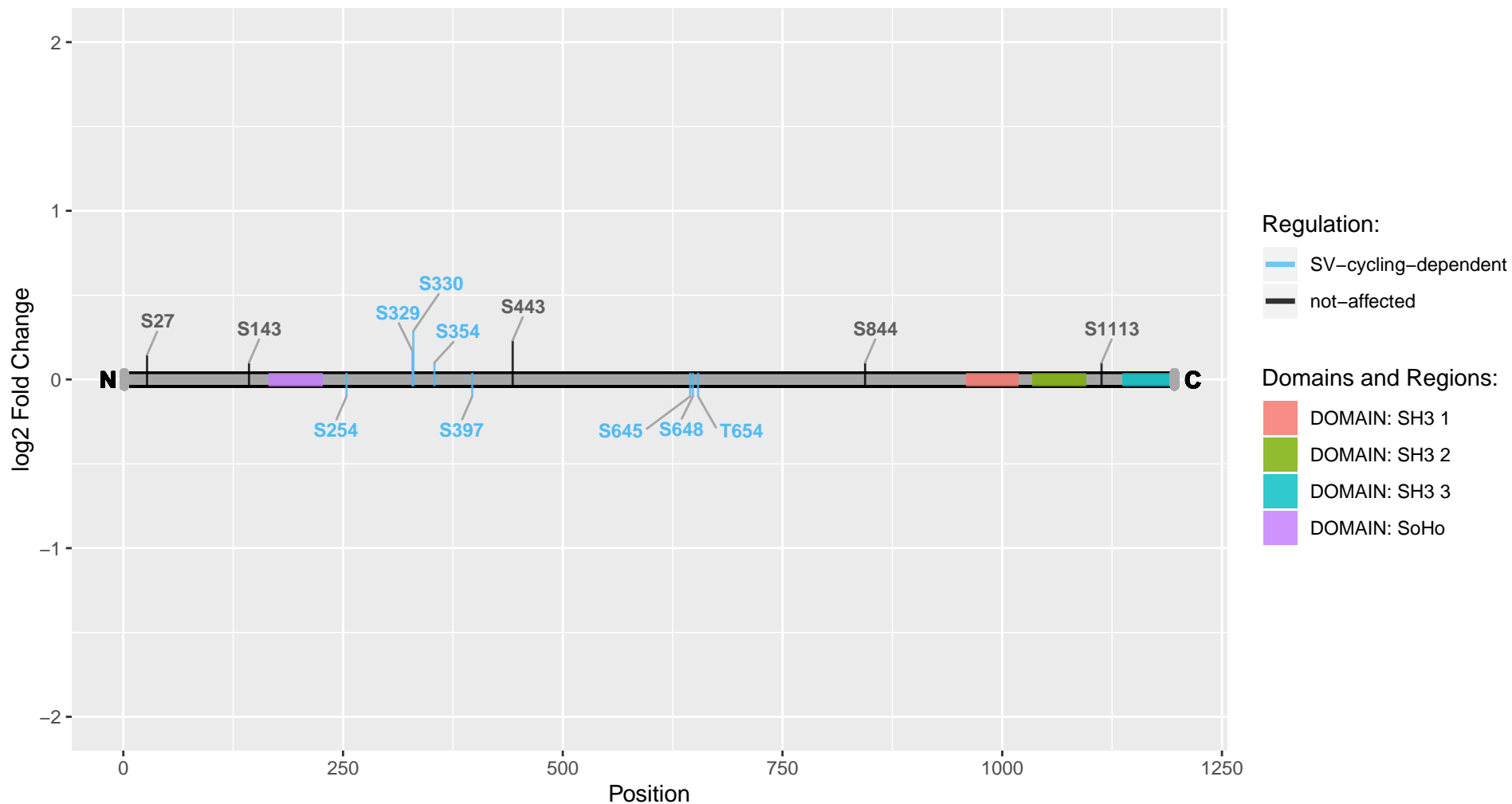
Sorbin and SH3 domain-containing protein 2



Sorbs2

Uniprot Accession: O35413

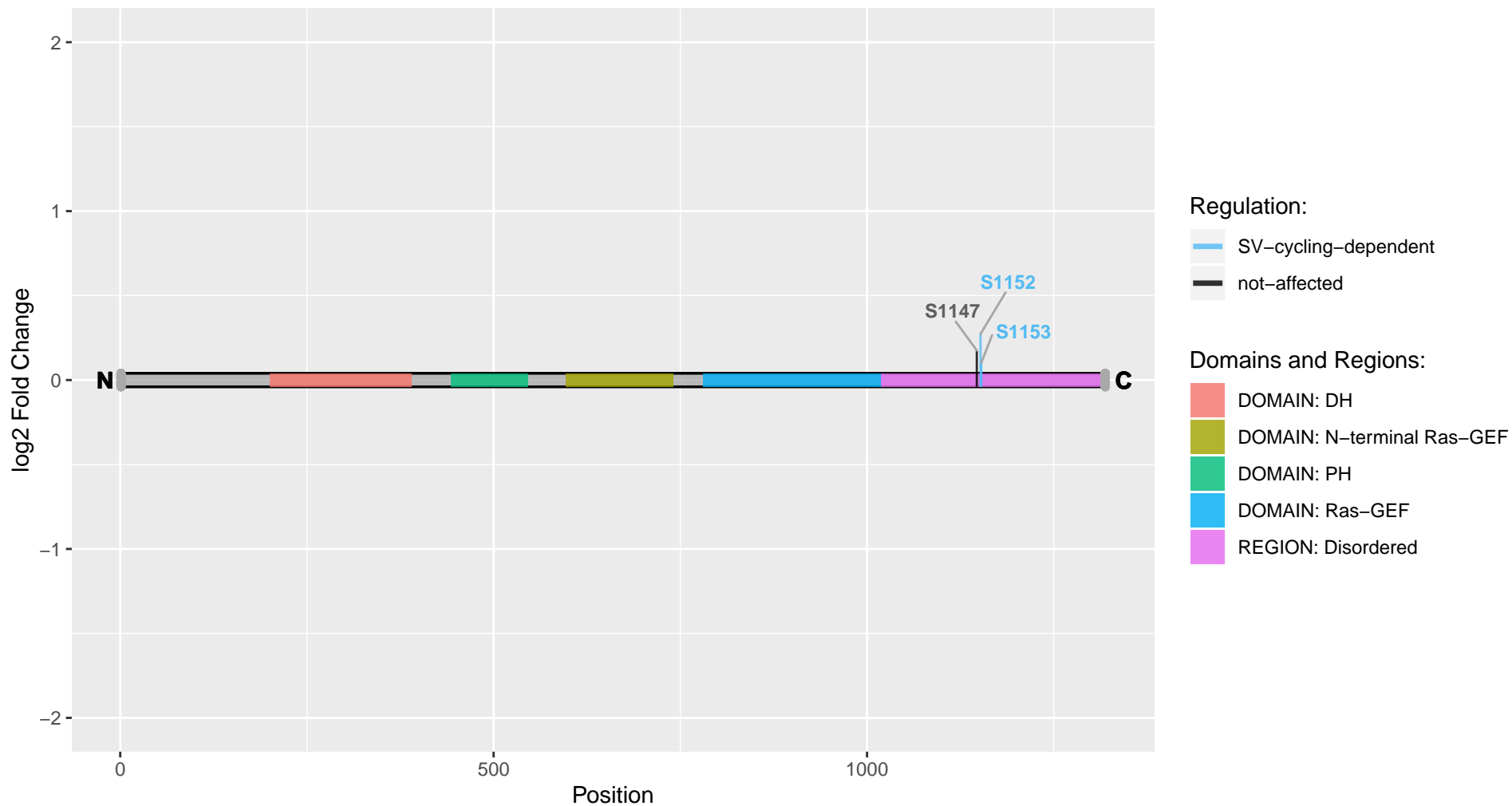
Sorbin and SH3 domain-containing protein 2



Sos1

Uniprot Accession: D4A3T0

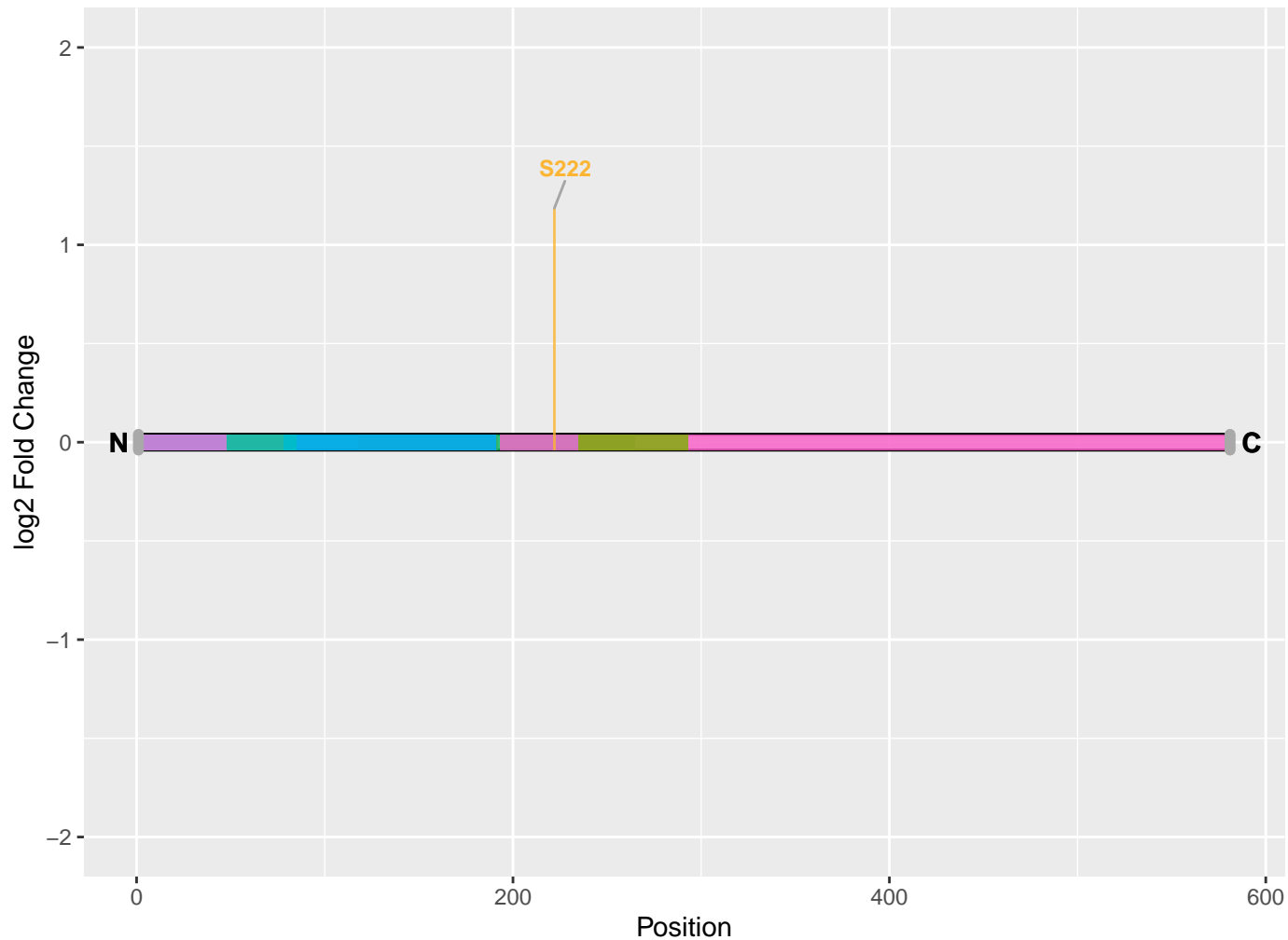
SOS Ras/Rac guanine nucleotide exchange factor 1



Spast

Uniprot Accession: B2RYN7

Spastin



Regulation:

primary Ca²⁺-dependent

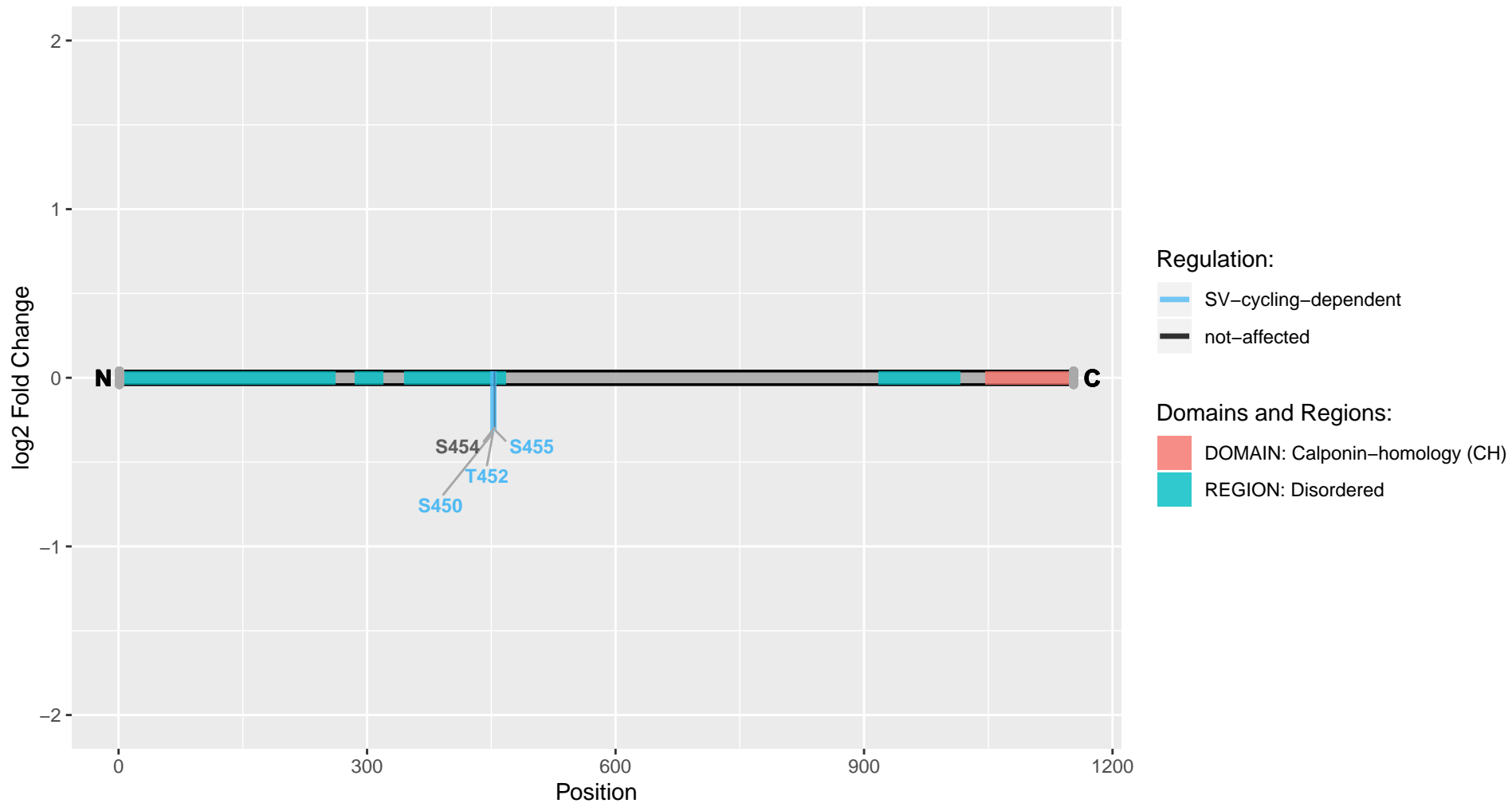
Domains and Regions:

- 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

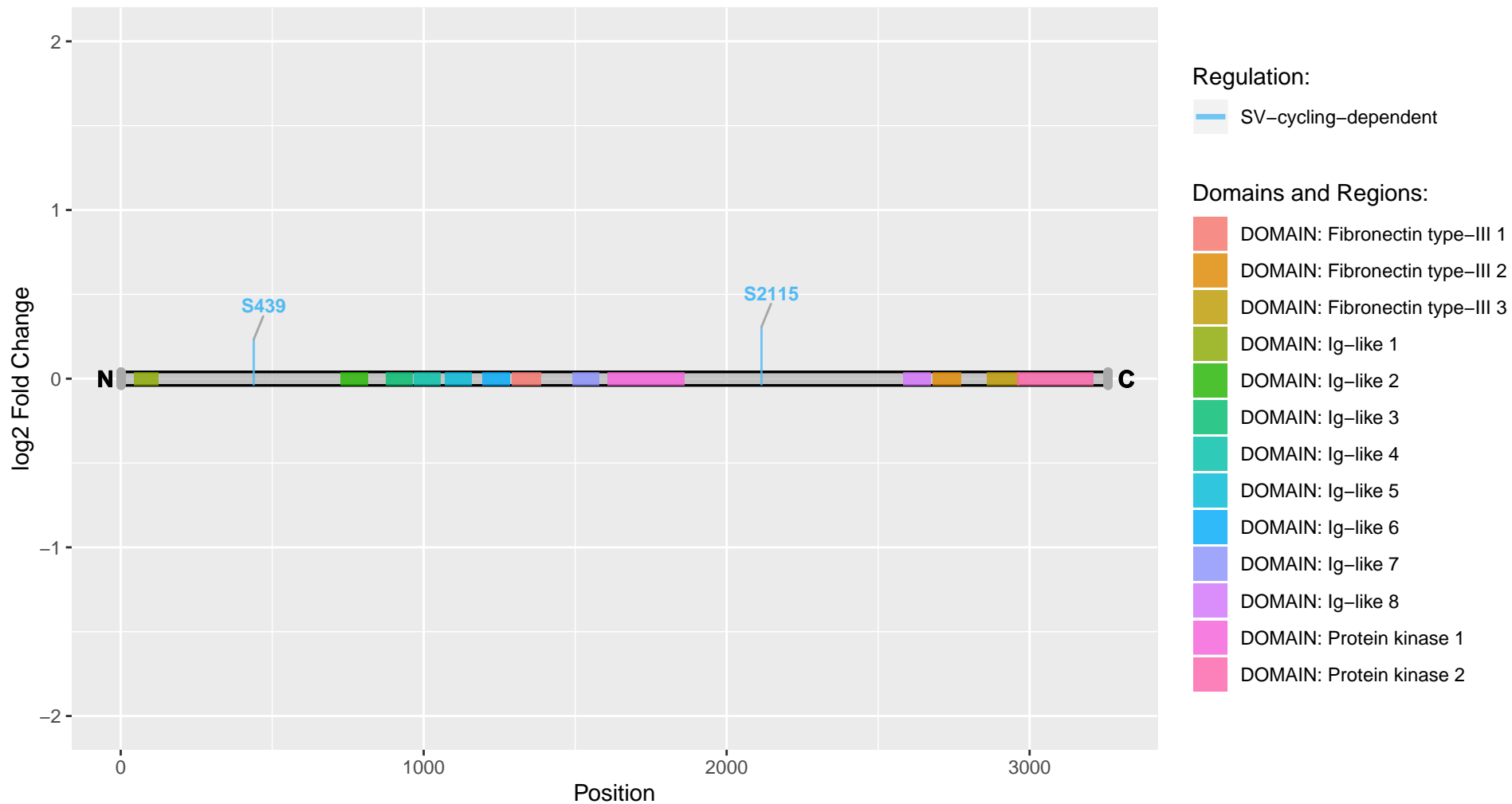
Sperm antigen with calponin homology and coiled-coil domains 1



Speg

Uniprot Accession: Q63638

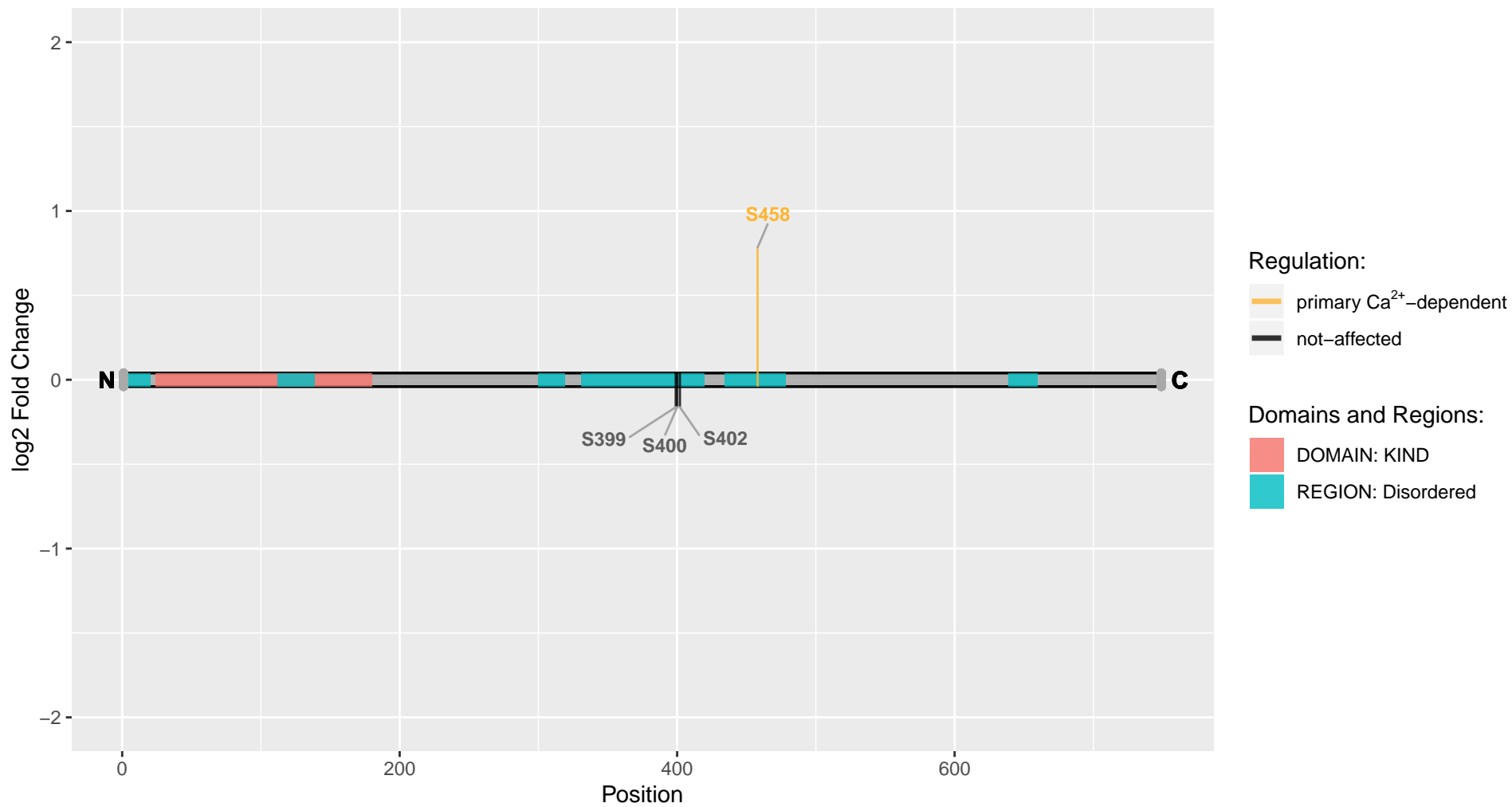
Striated muscle-specific serine/threonine-protein kinase



Spire1

Uniprot Accession: D3ZEX7

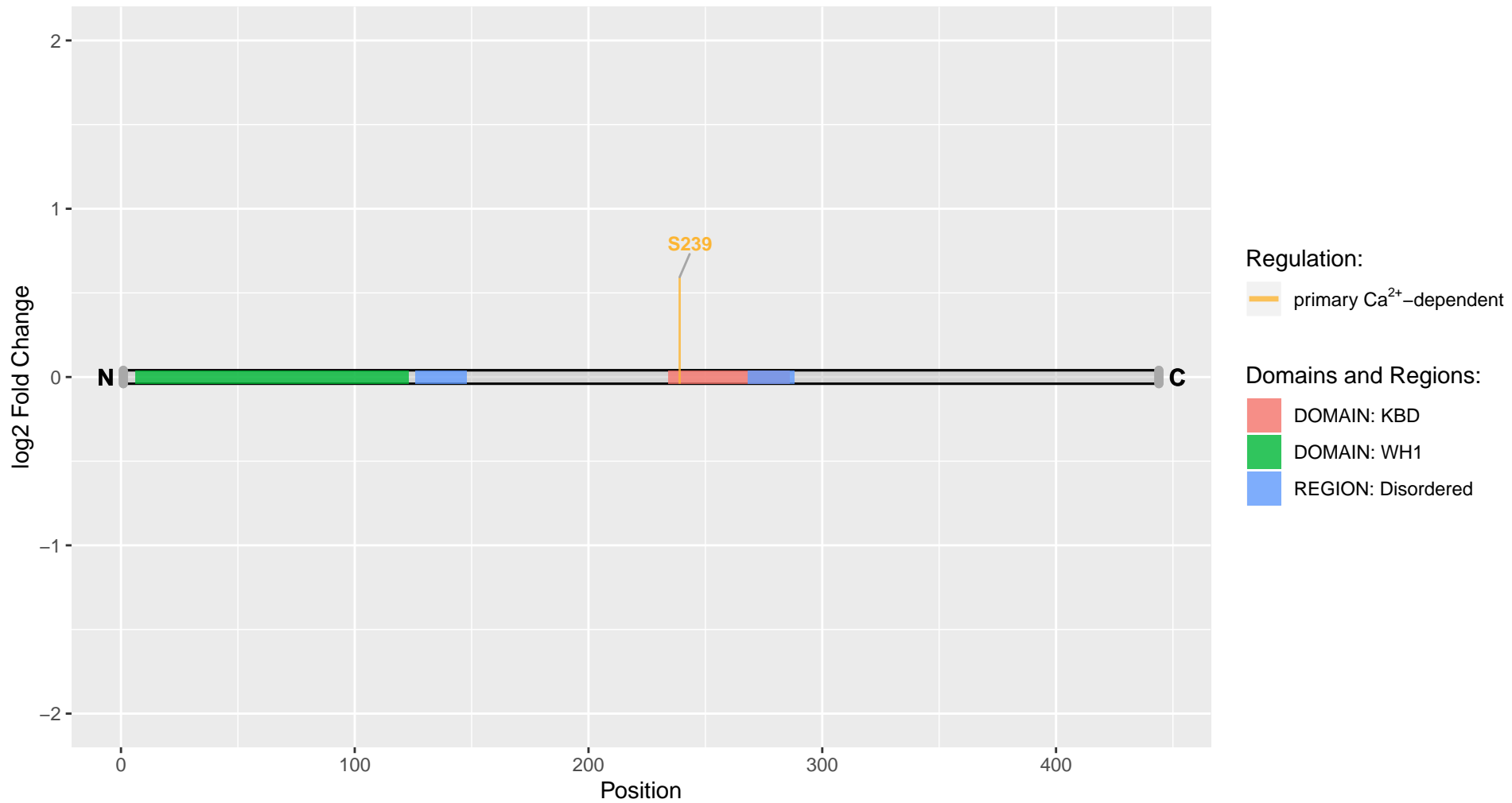
Spire homolog 1 (Drosophila) (Predicted), isoform CRA_b



Spred1

Uniprot Accession: Q3C2P9

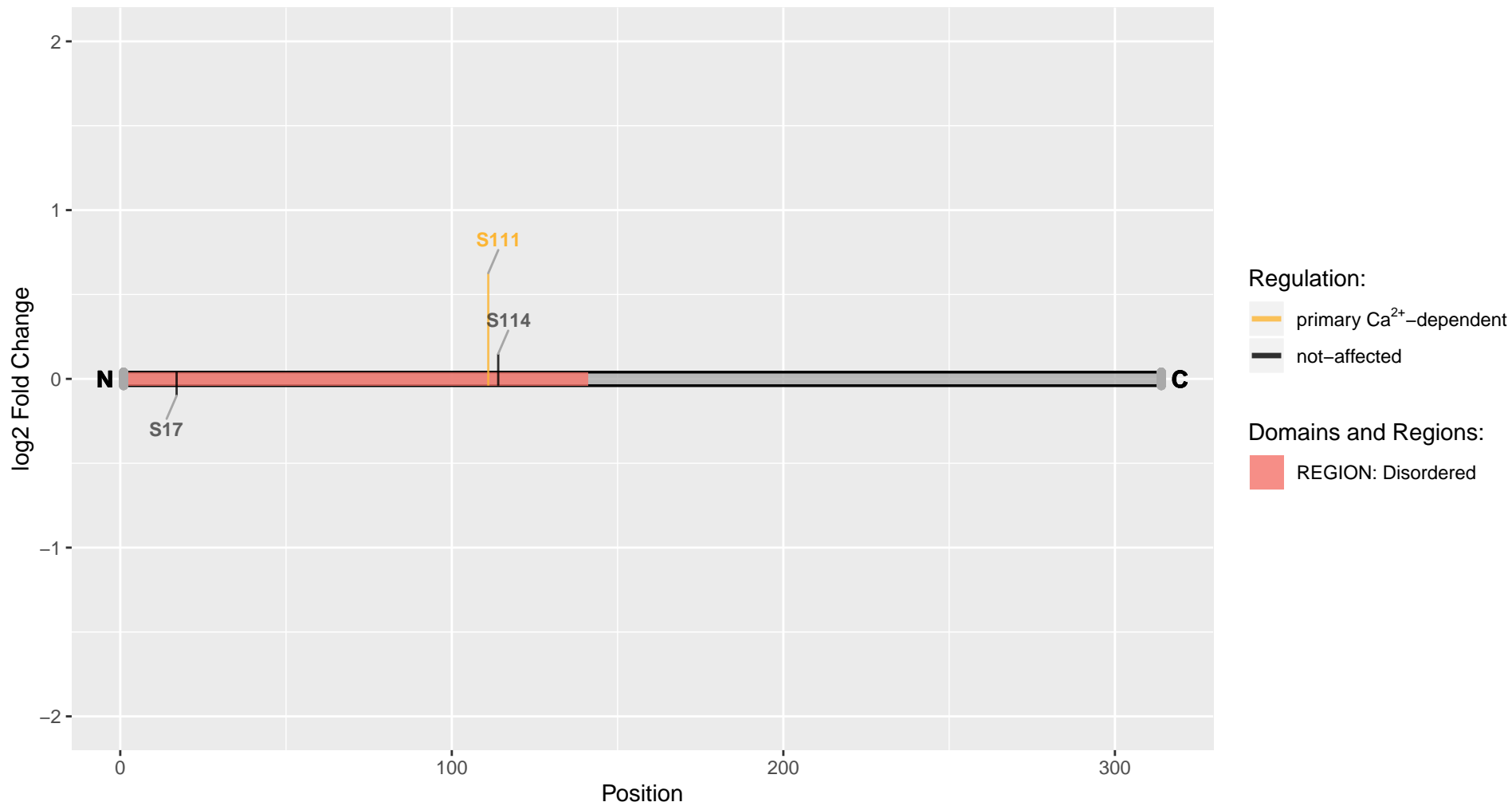
Sprouty protein with EVH-1 domain 1, related sequence



Spry2

Uniprot Accession: Q5HZA2

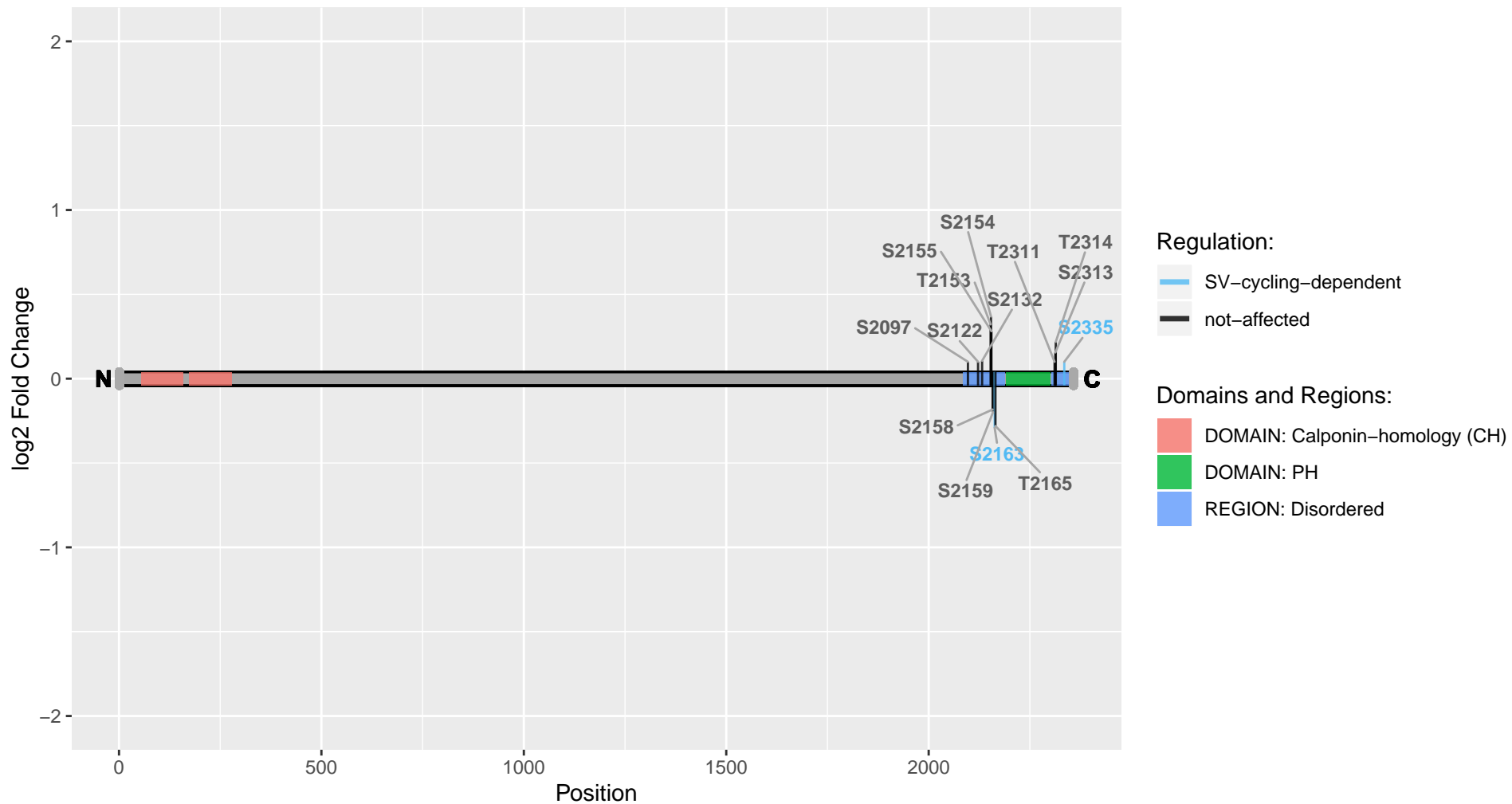
Sprouty RTK-signaling antagonist 2



Sptbn1

Uniprot Accession: A0A0G2K8W9

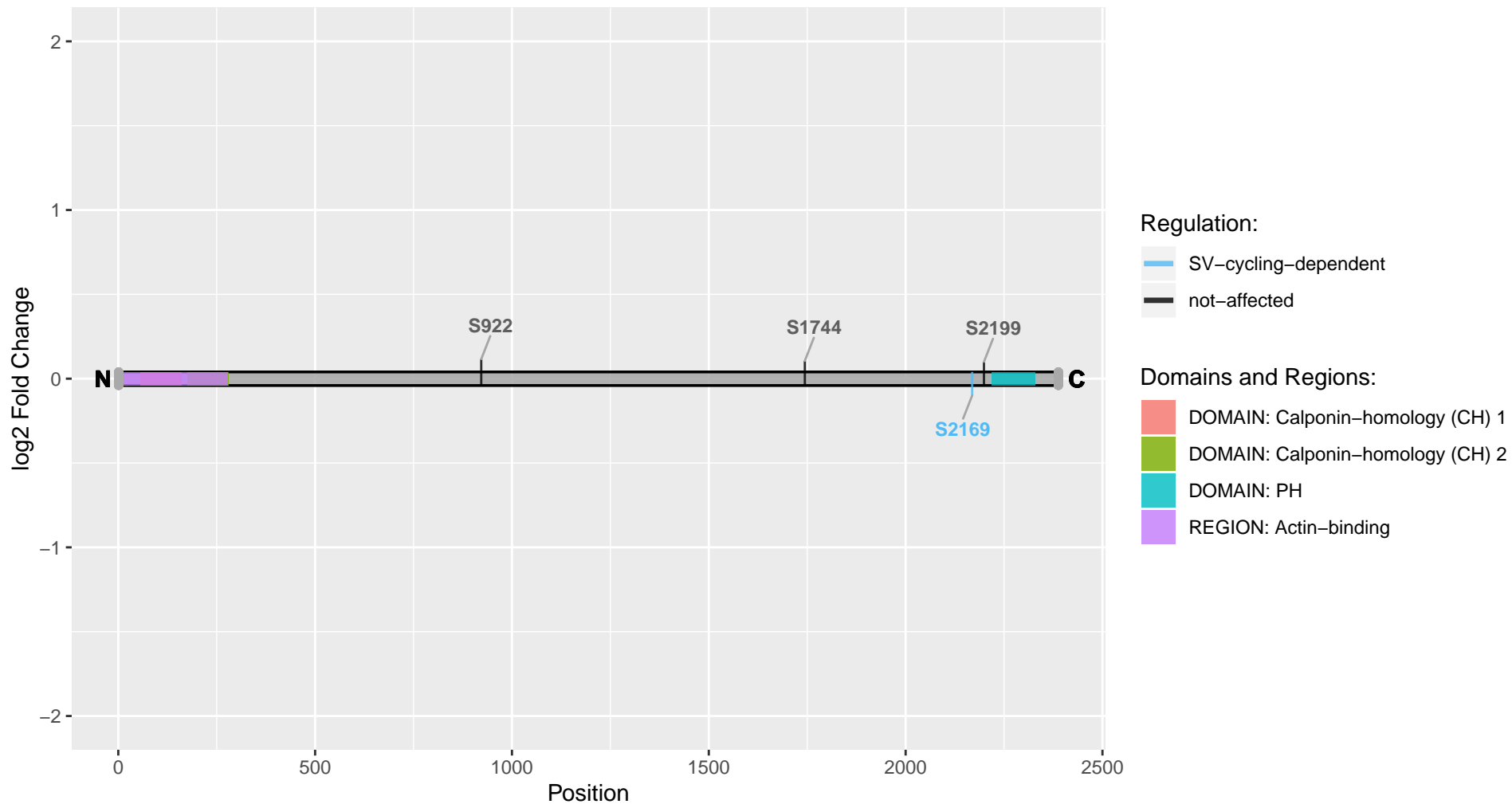
Spectrin beta chain



Sptbn2

Uniprot Accession: Q9QWN8

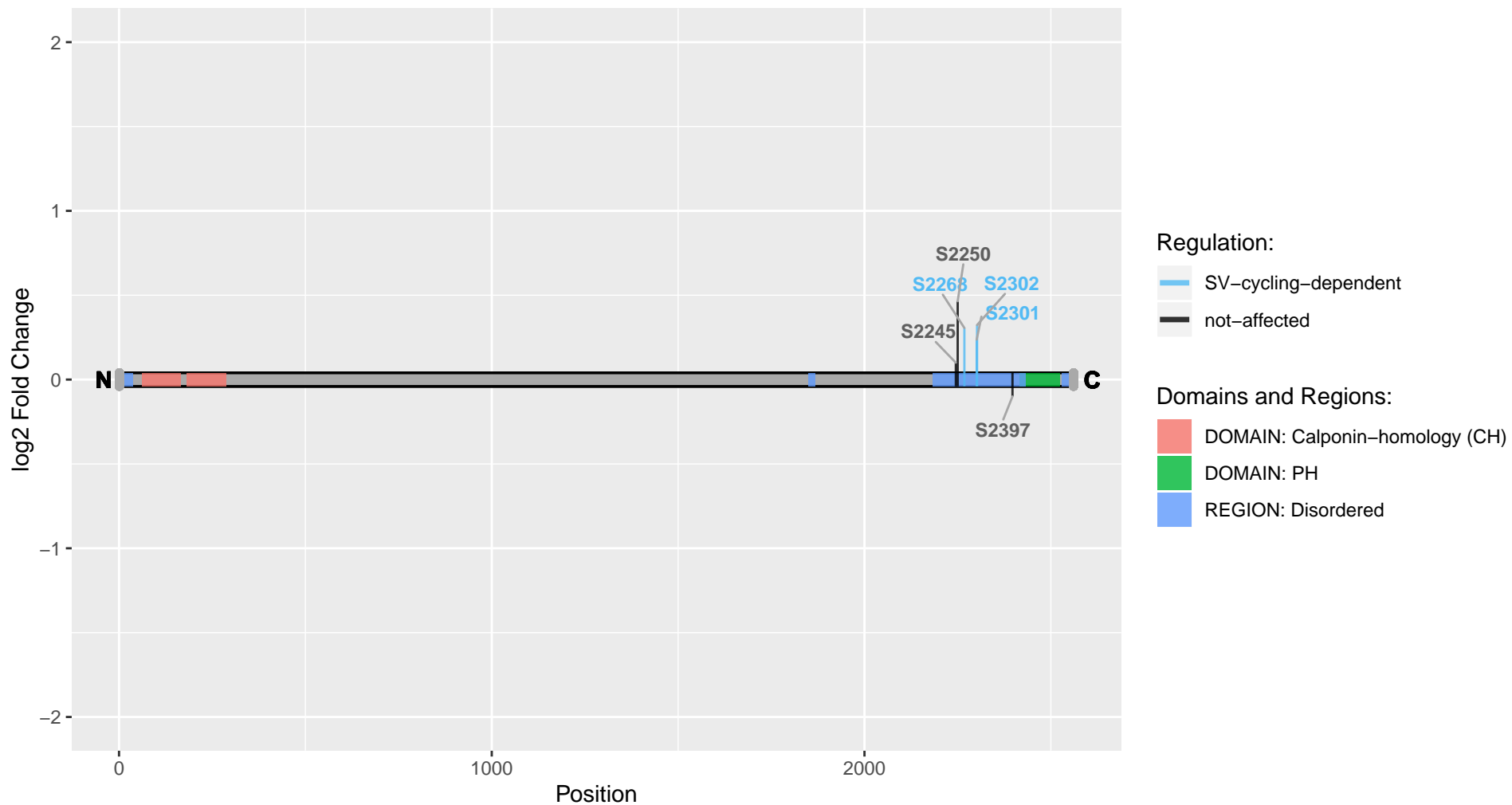
Spectrin beta chain, non-erythrocytic 2



Sptbn4

Uniprot Accession: A0A0G2K677

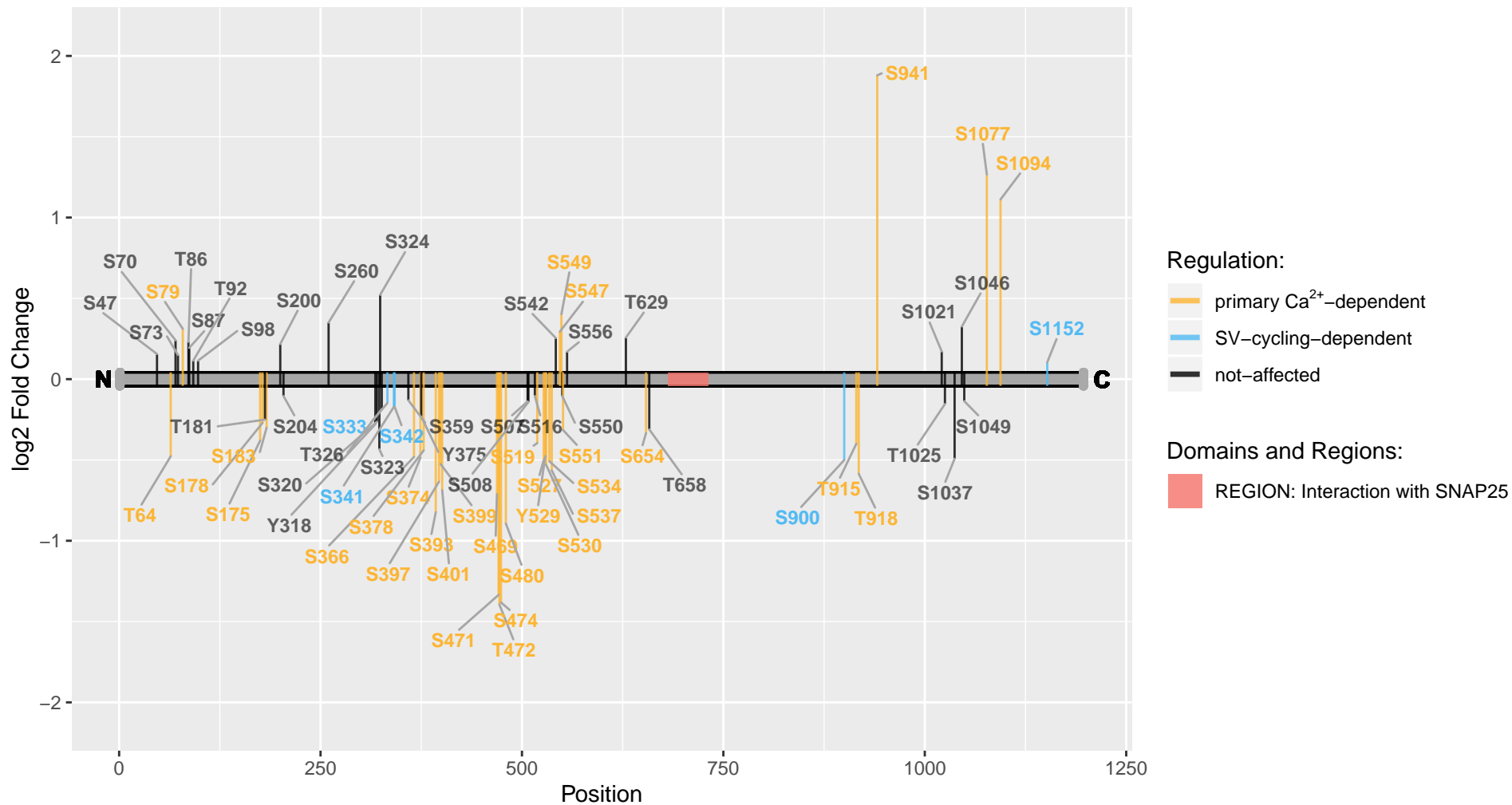
Spectrin beta chain



Srcin1

Uniprot Accession: Q9QXY2

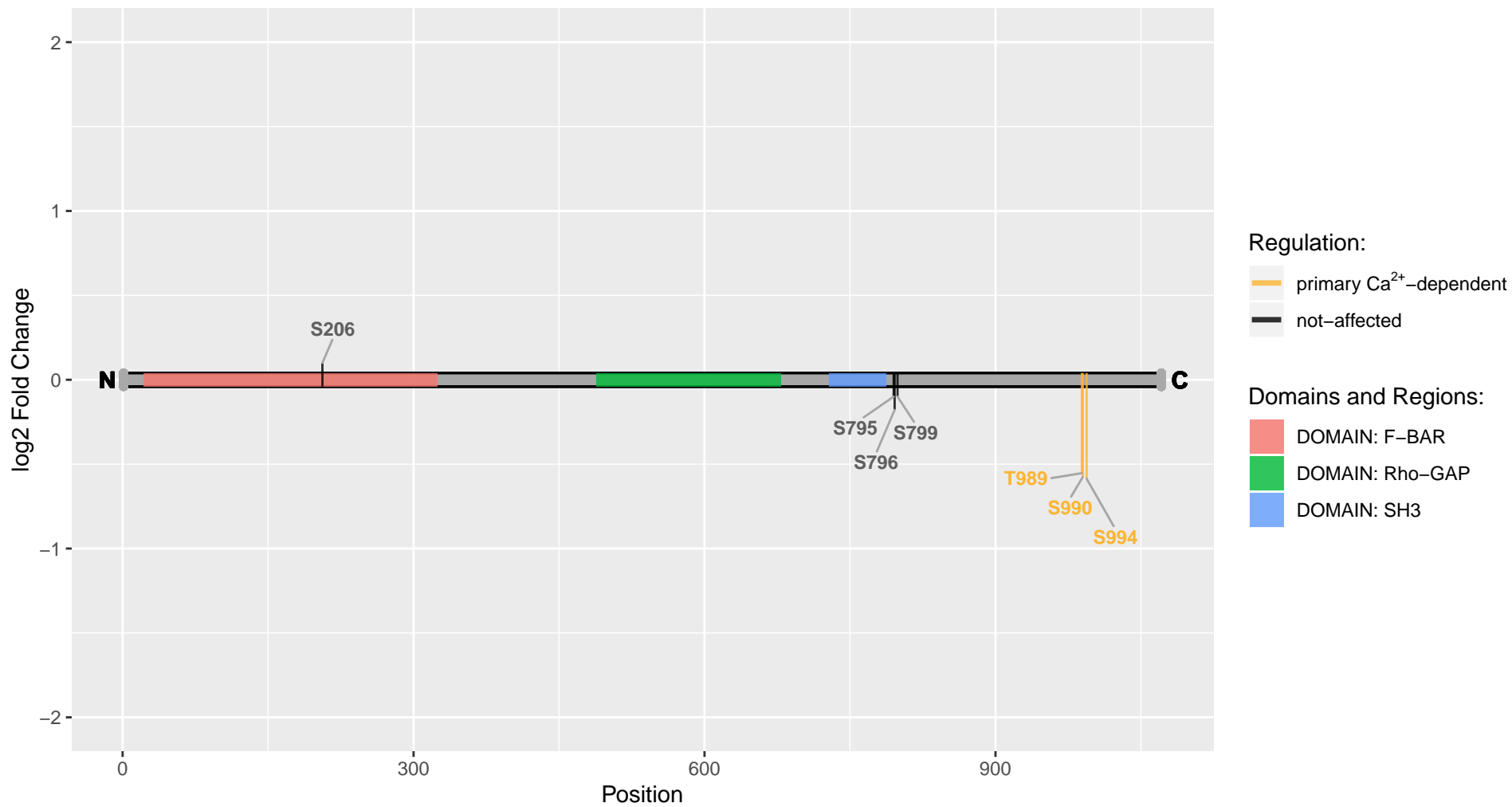
SRC kinase signaling inhibitor 1



Srgap2

Uniprot Accession: D4A208

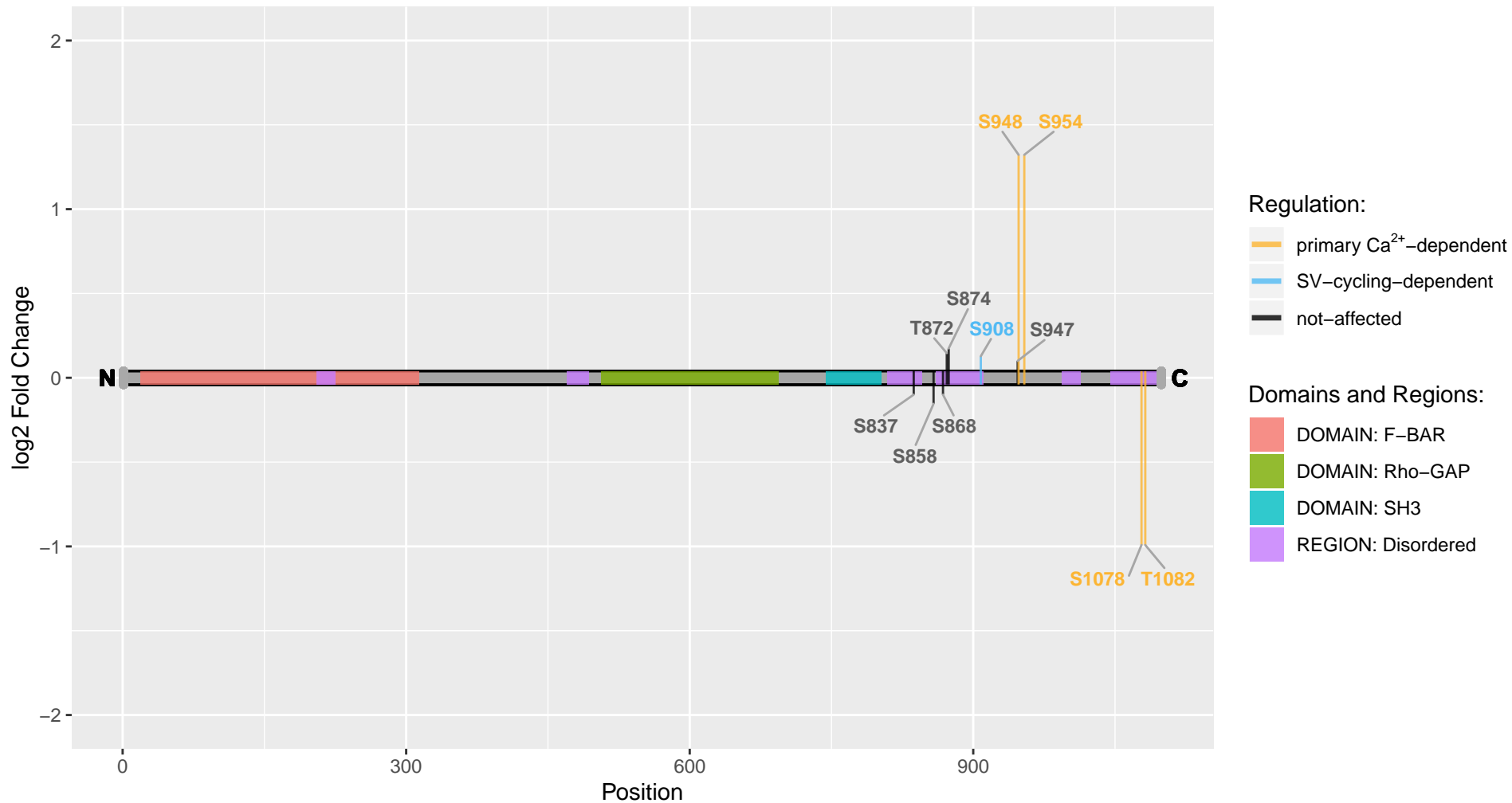
SLIT-ROBO Rho GTPase-activating protein 2



Srgap3

Uniprot Accession: F1M5M9

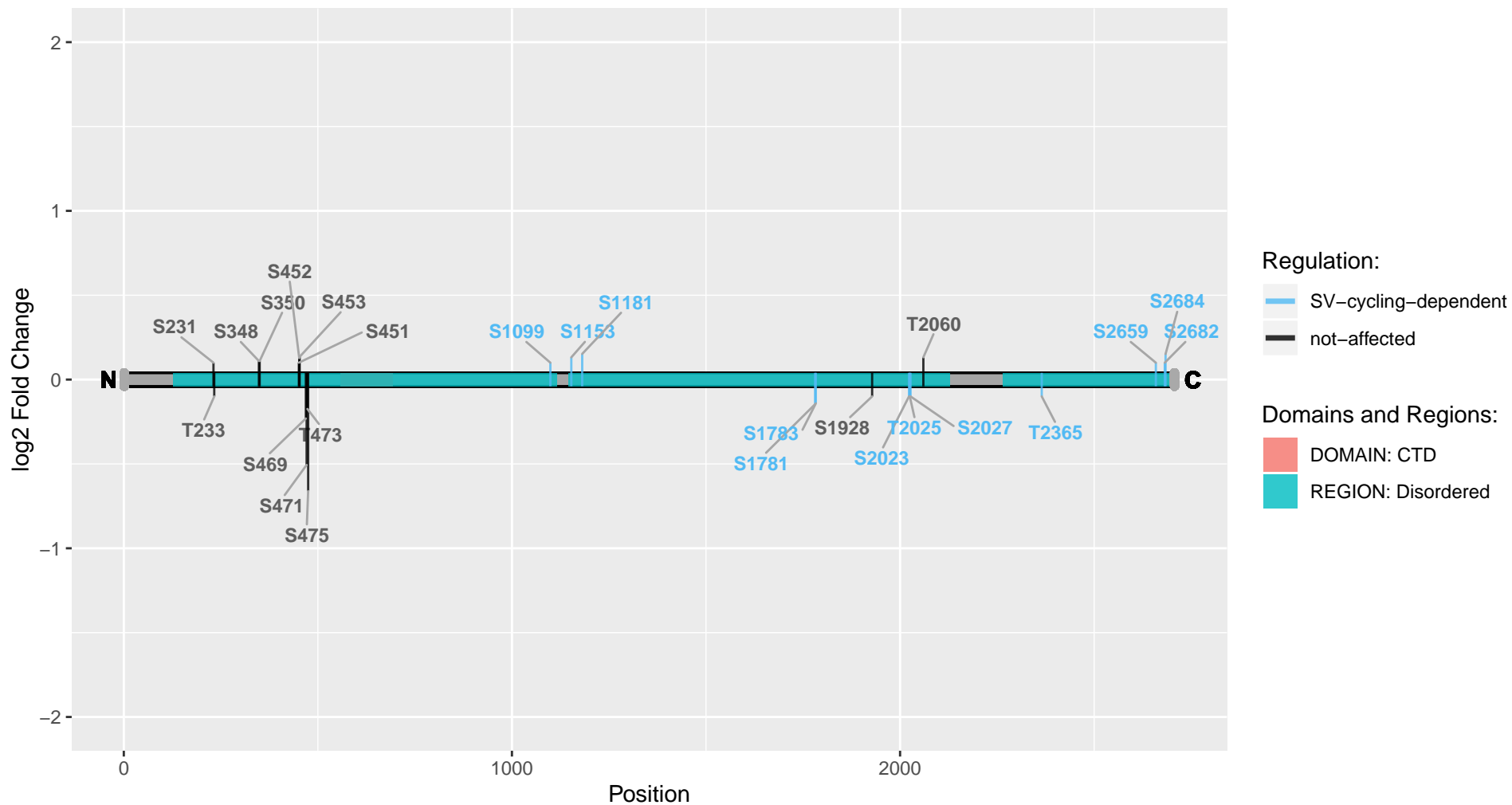
SLIT-ROBO Rho GTPase-activating protein 3



Srrm2

Uniprot Accession: A0A0G2K2M9

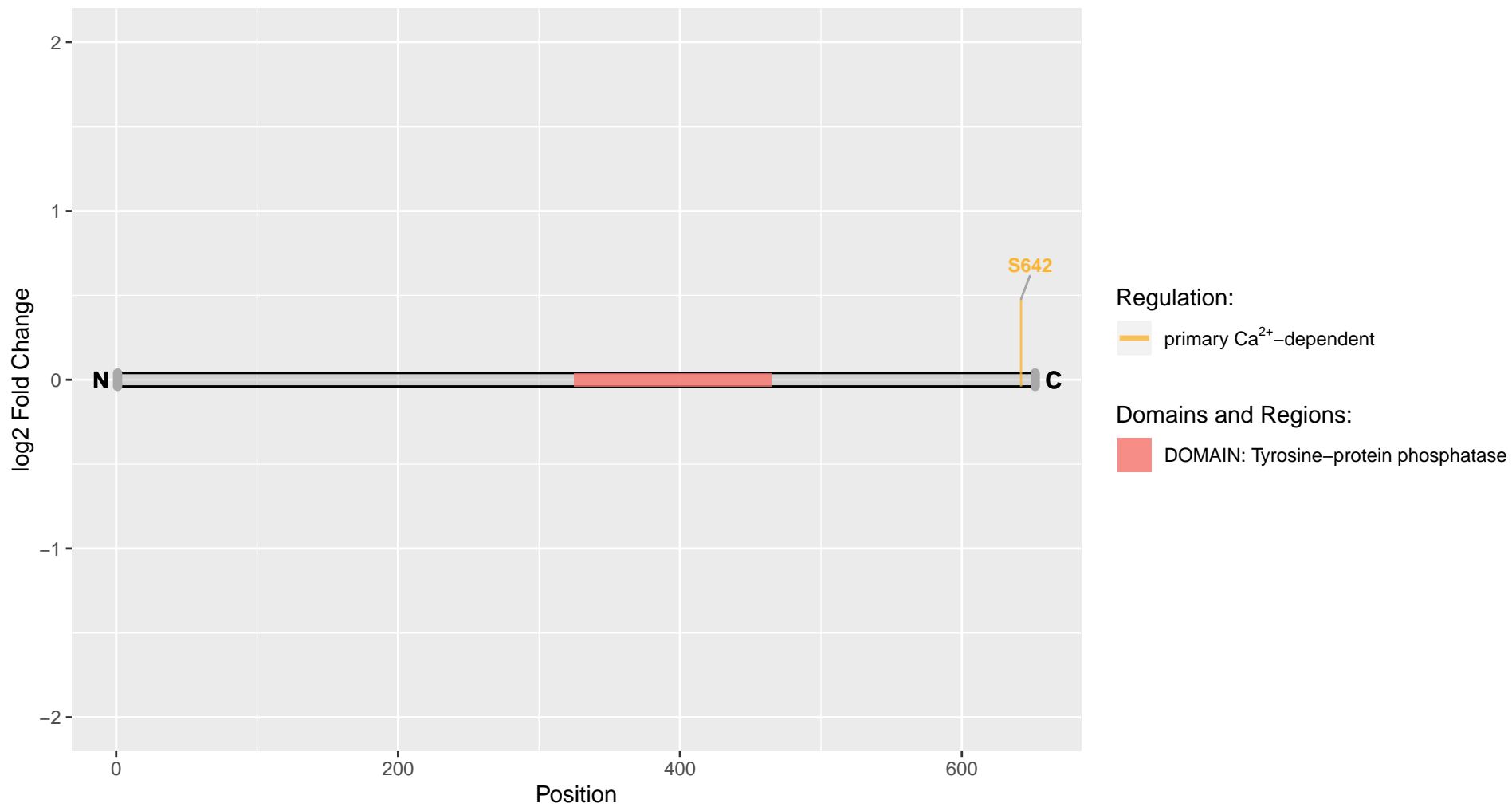
Serine/arginine repetitive matrix 2



Ssh3

Uniprot Accession: Q5XIS1

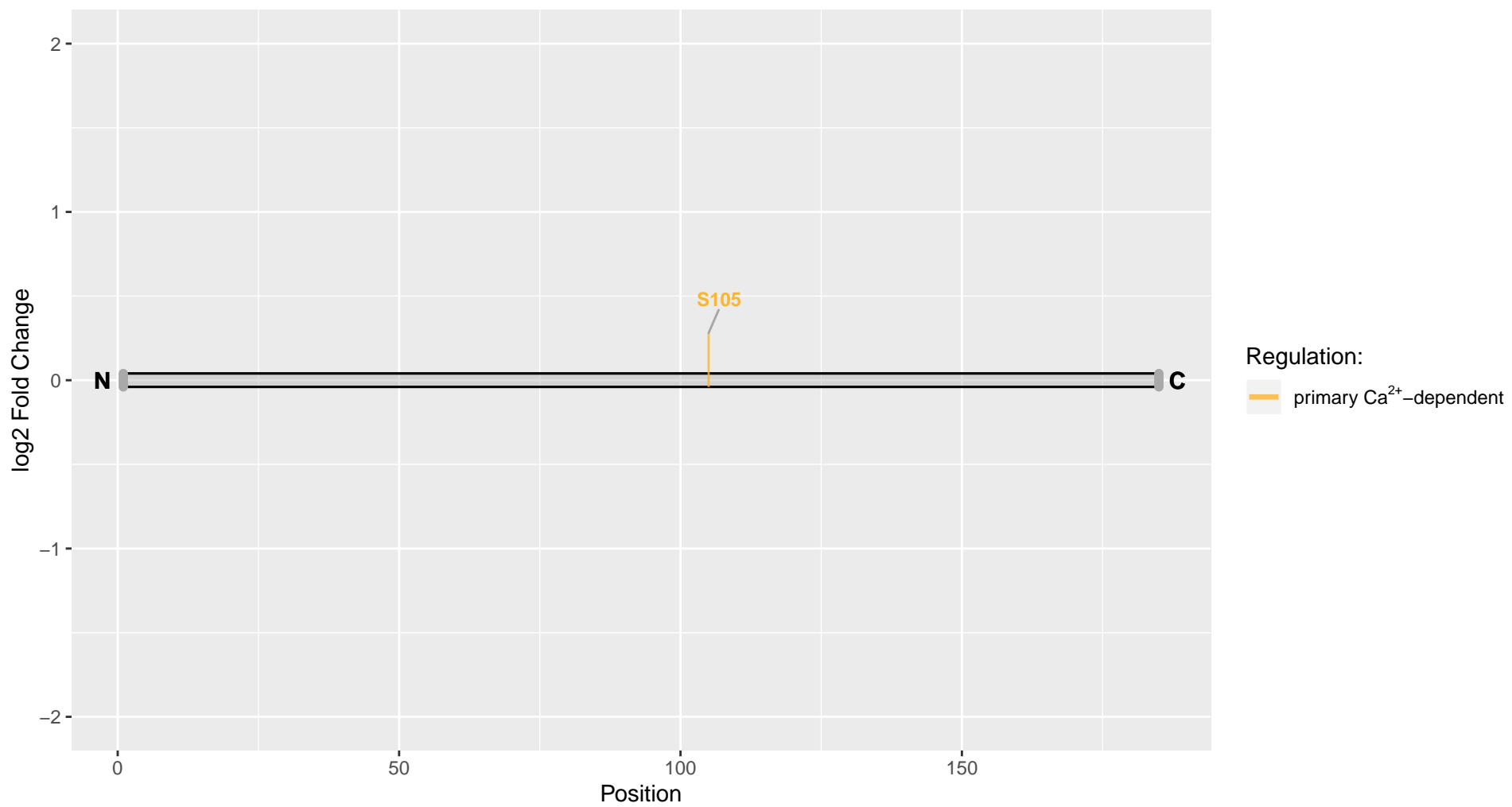
Protein phosphatase Slingshot homolog 3



Ssr3

Uniprot Accession: Q08013

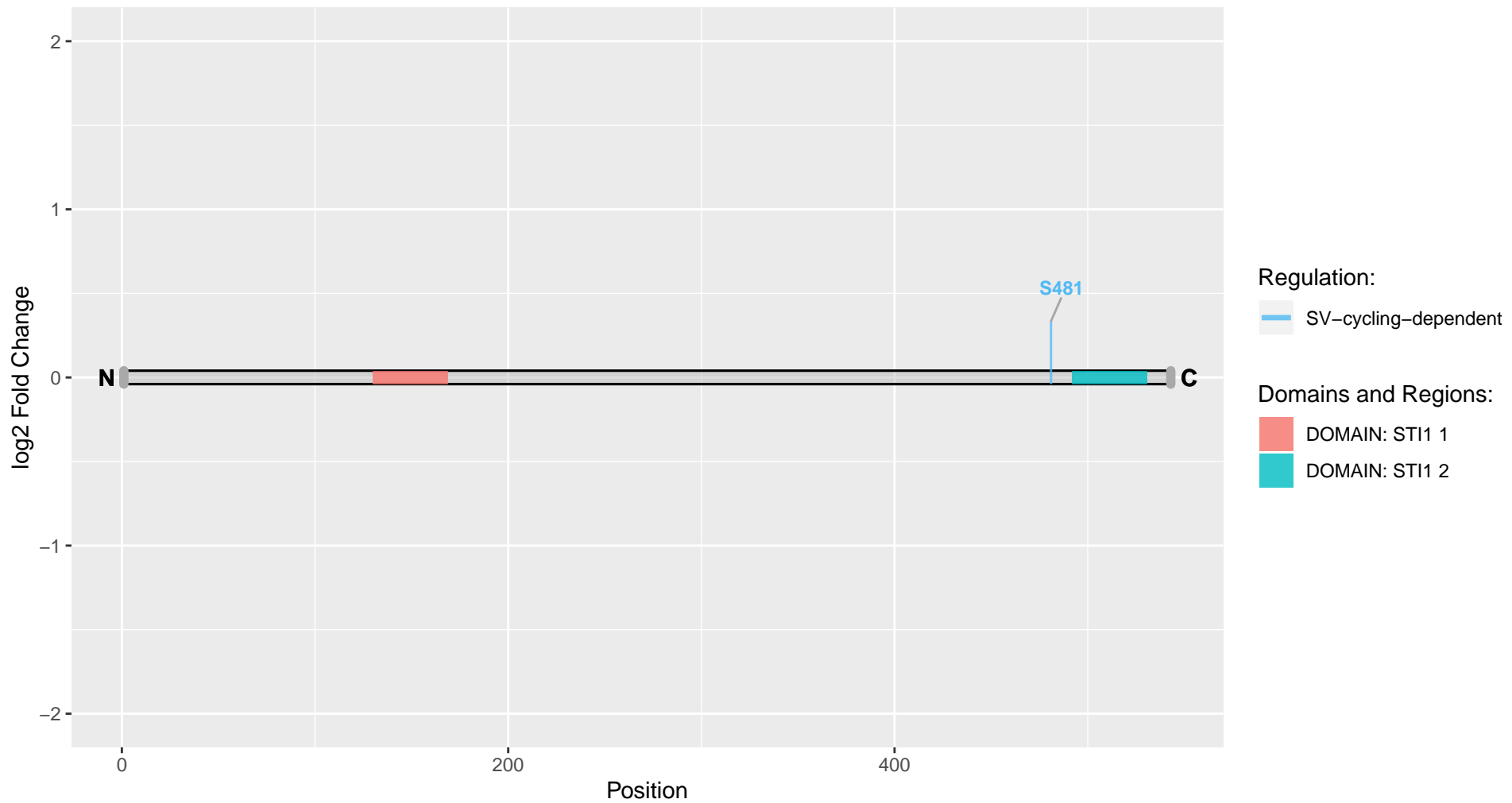
Translocon-associated protein subunit gamma



Stip1

Uniprot Accession: O35814

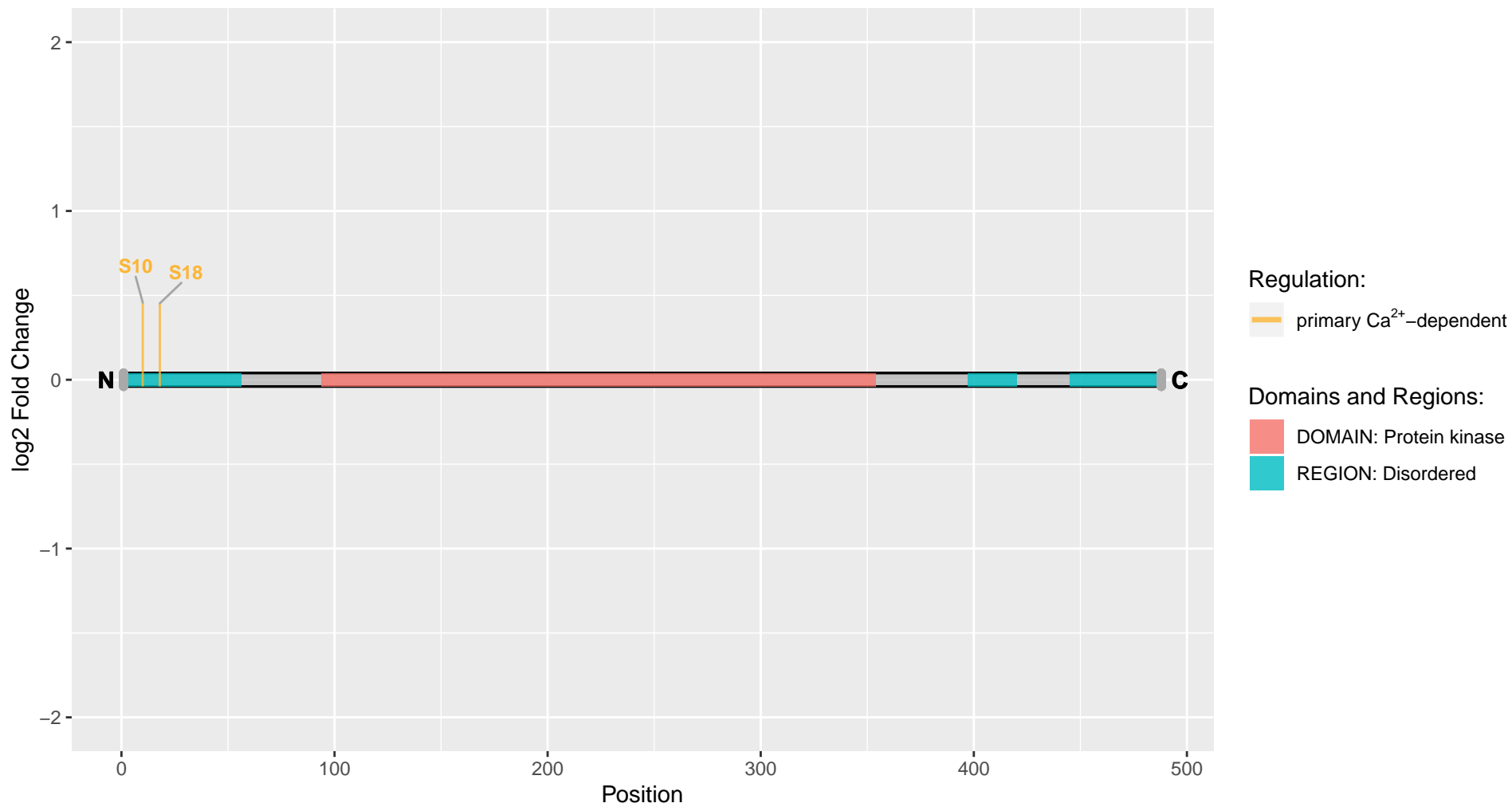
Stress-induced-phosphoprotein 1



Stk32c

Uniprot Accession: D4A3D9

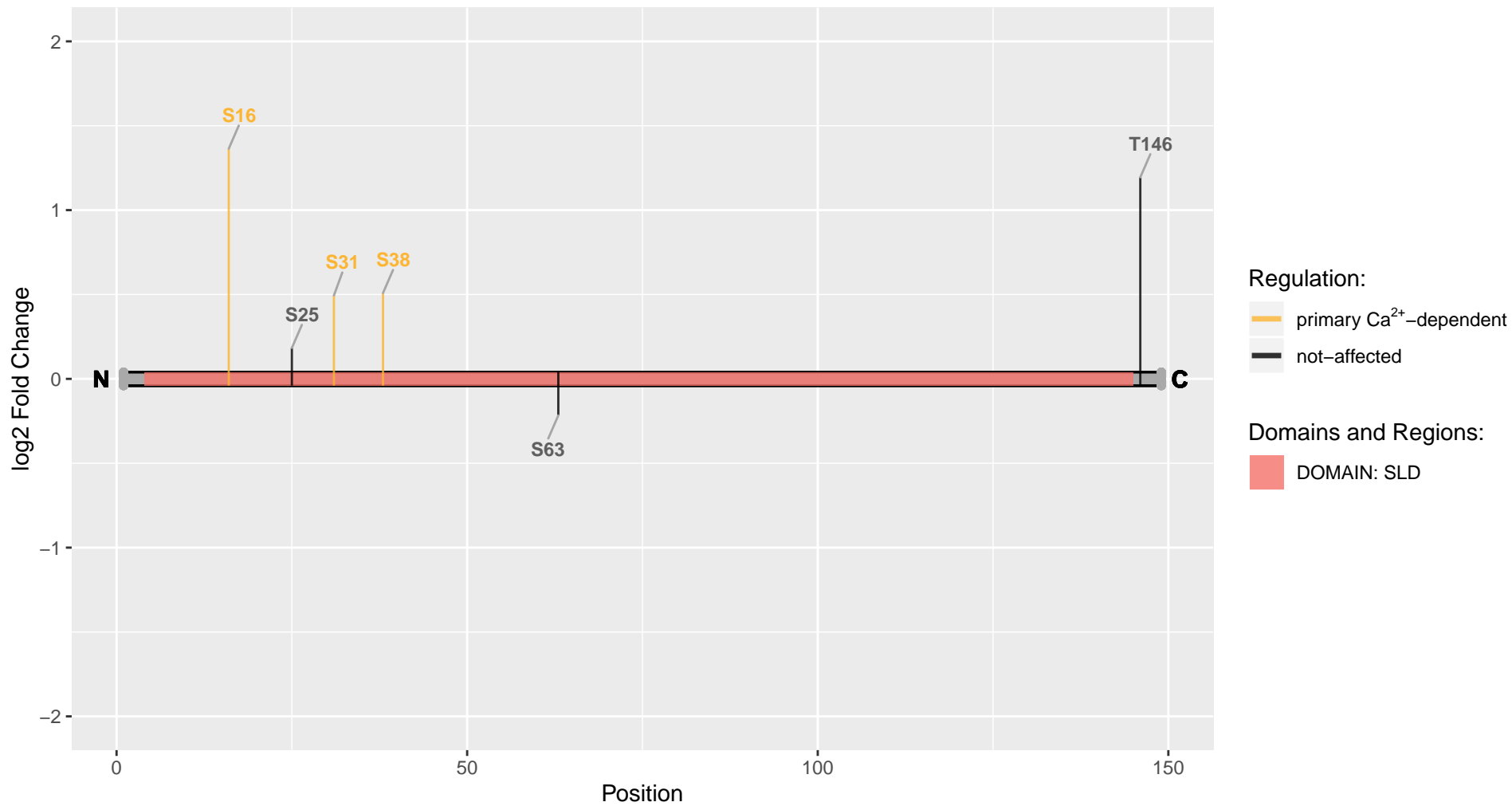
Serine/threonine kinase 32C



Stmn1

Uniprot Accession: P13668

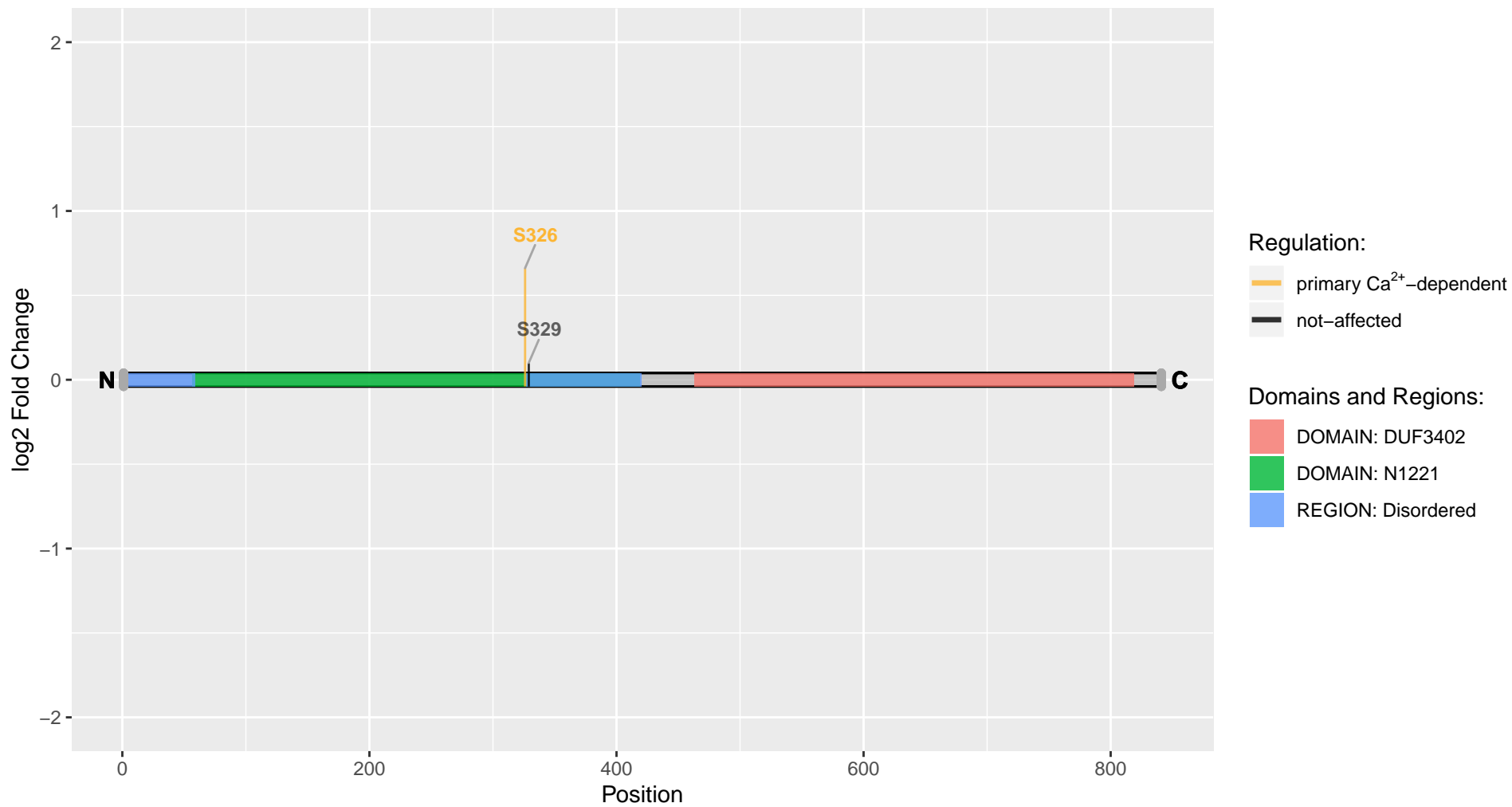
Stathmin



Strip2

Uniprot Accession: A0A0G2JT26

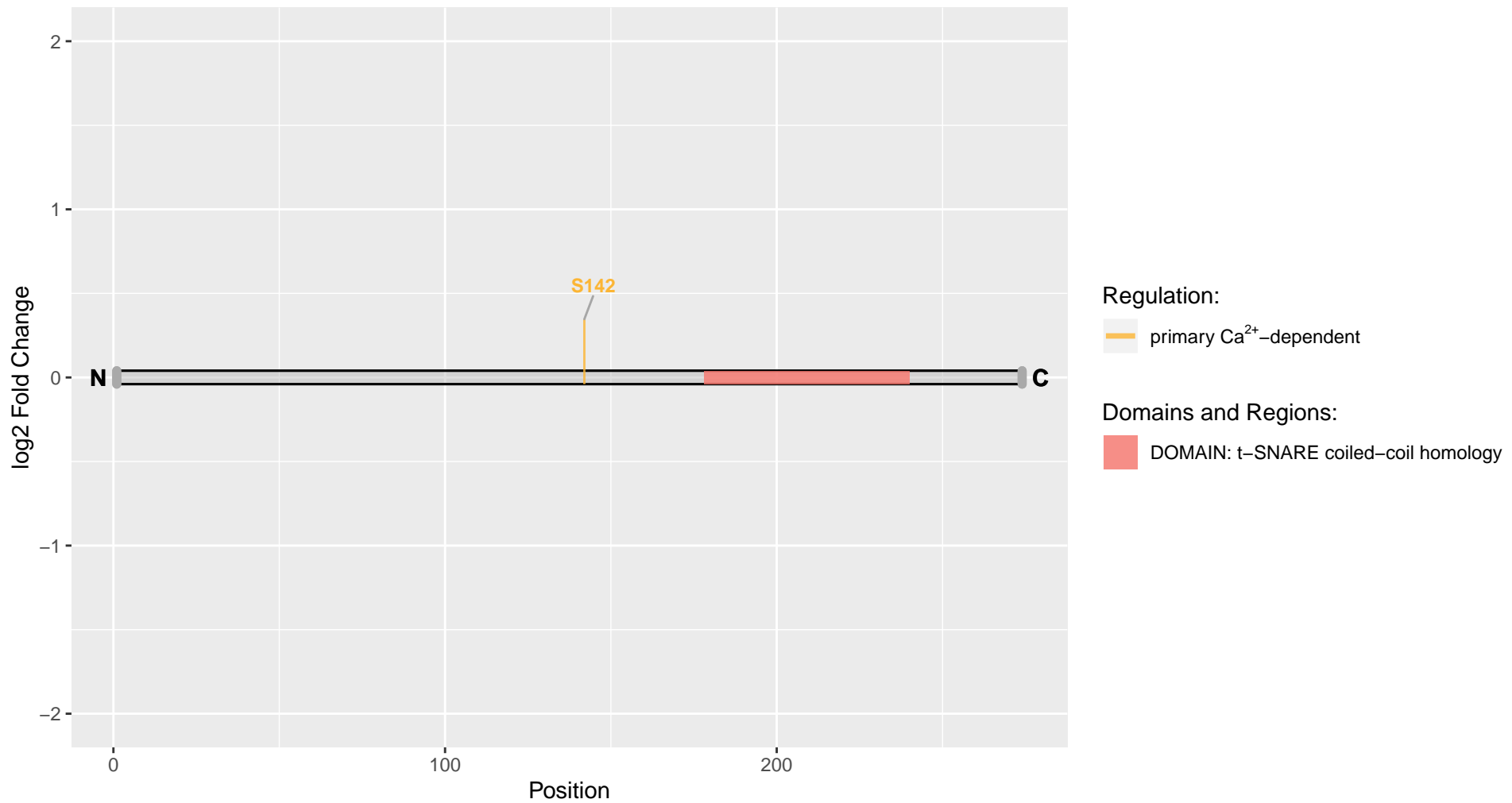
Striatin interacting protein 2



Stx12

Uniprot Accession: G3V7P1

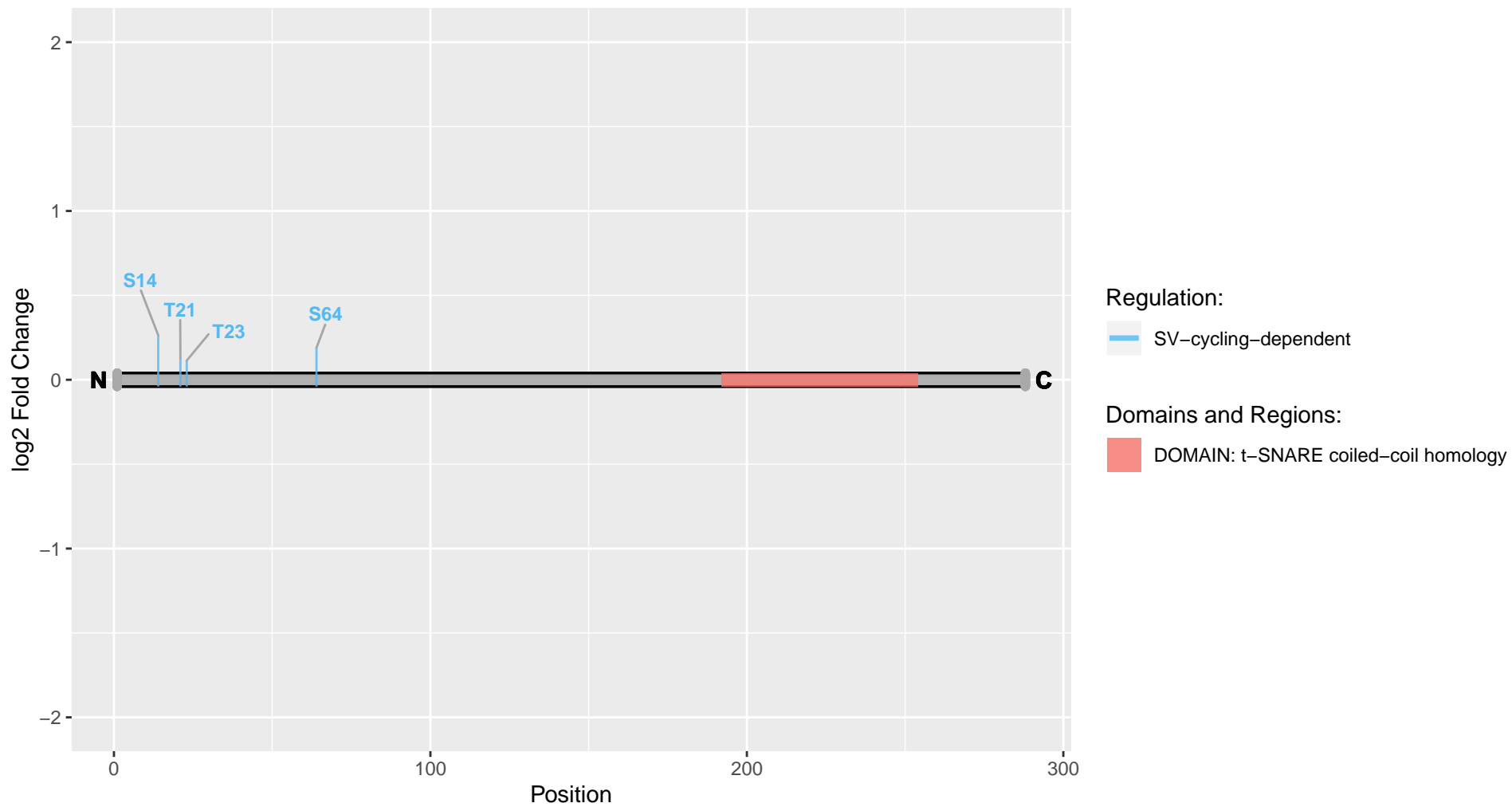
Syntaxin-12



Stx1a

Uniprot Accession: P32851

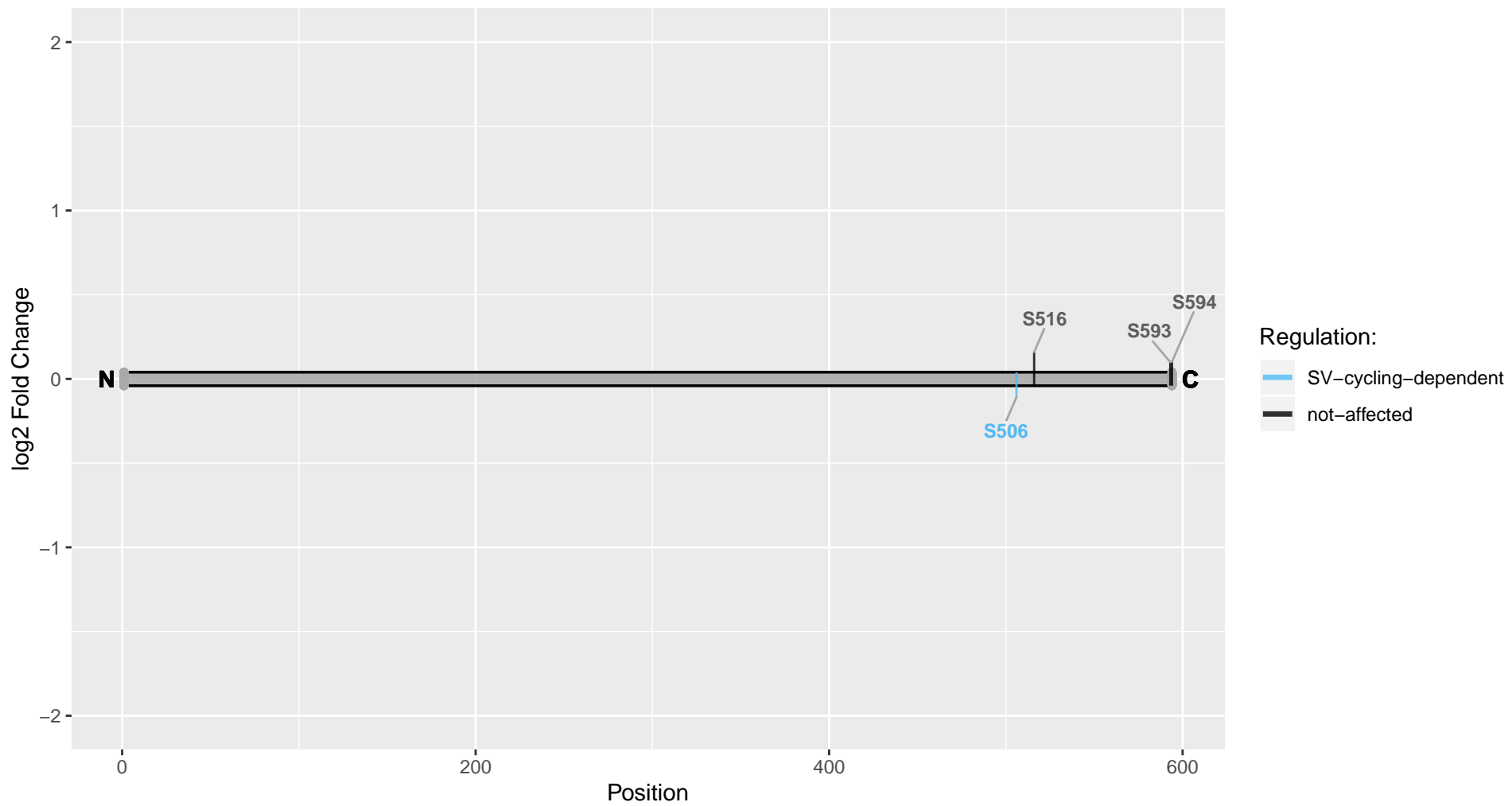
Syntaxin-1A



Stxbp1

Uniprot Accession: P61765

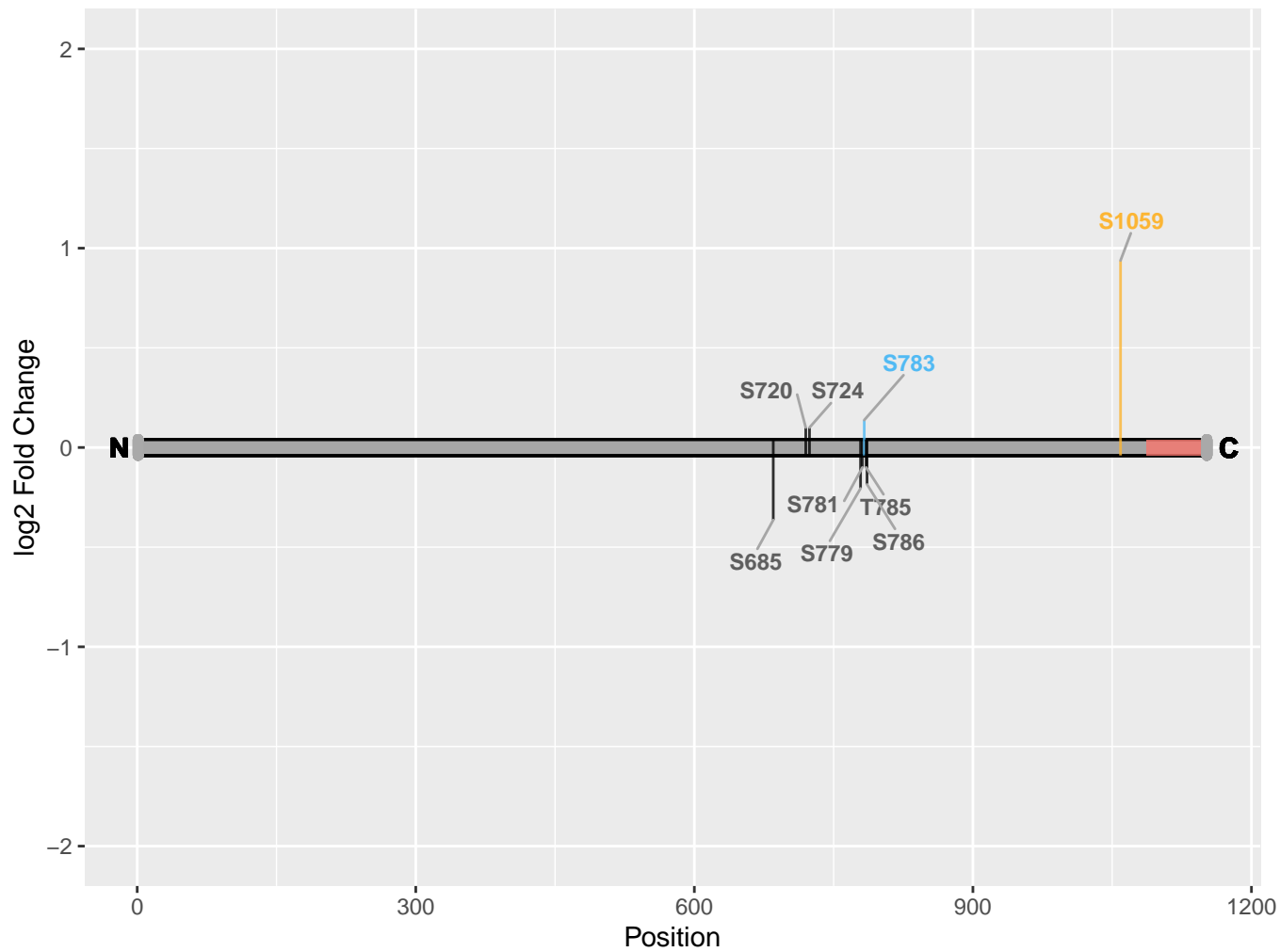
Syntaxin-binding protein 1



Stxbp5

Uniprot Accession: Q9WU70

Syntaxin-binding protein 5



Regulation:

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

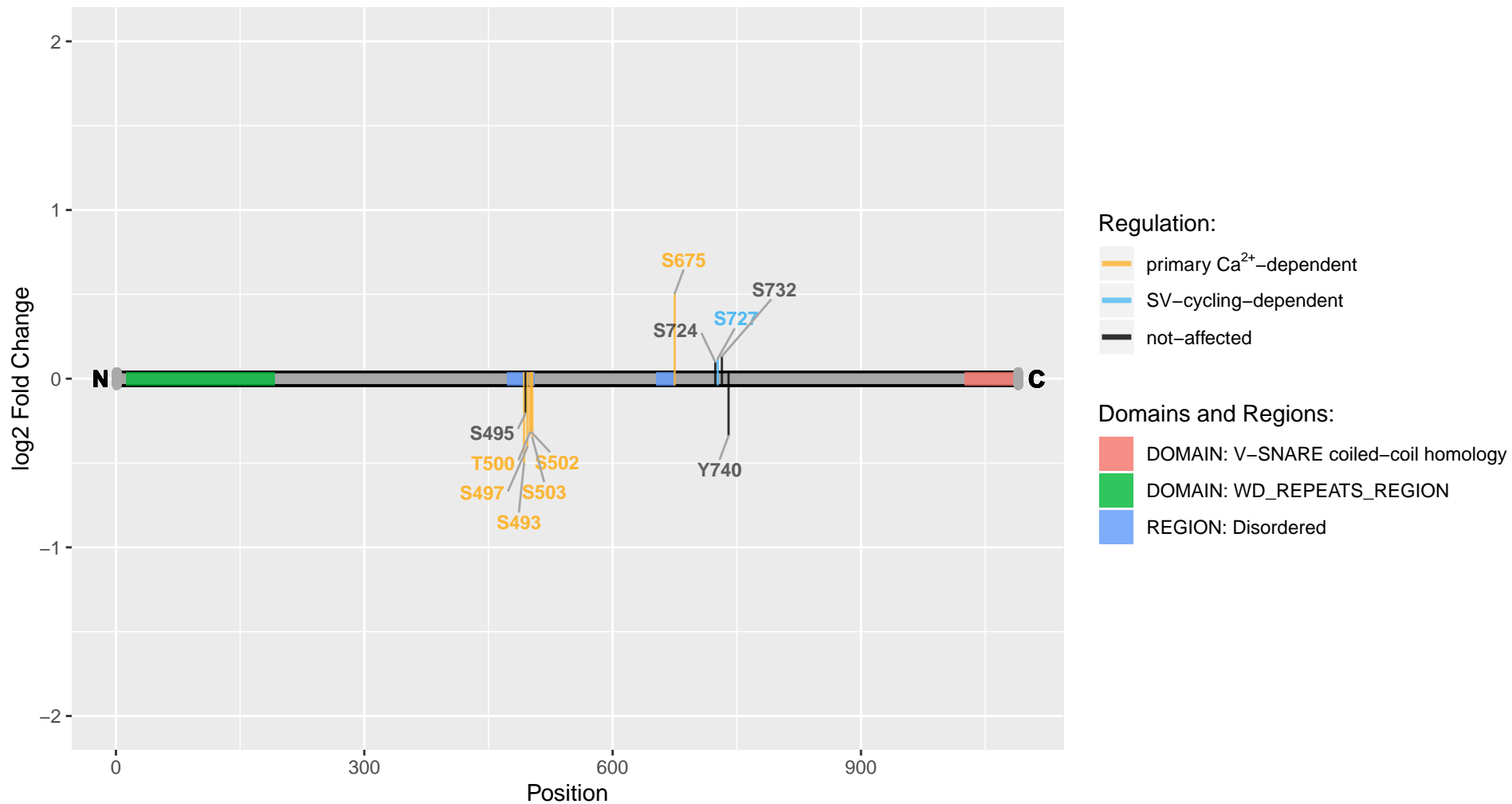
Domains and Regions:

- DOMAIN: v-SNARE coiled-coil homology

Stxbp5l

Uniprot Accession: D3ZU84

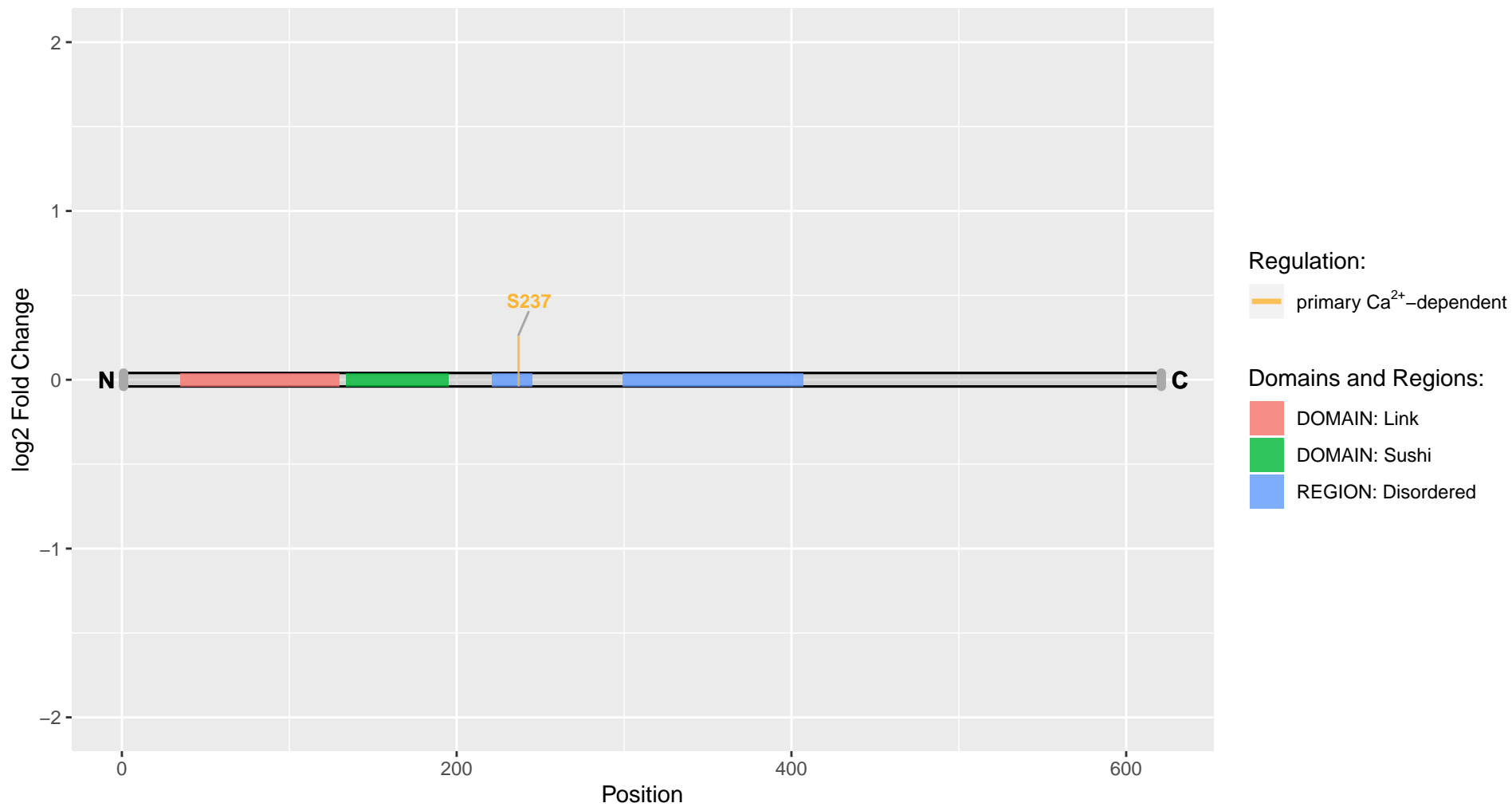
Syntaxin-binding protein 5-like



Susd5

Uniprot Accession: D3ZSC1

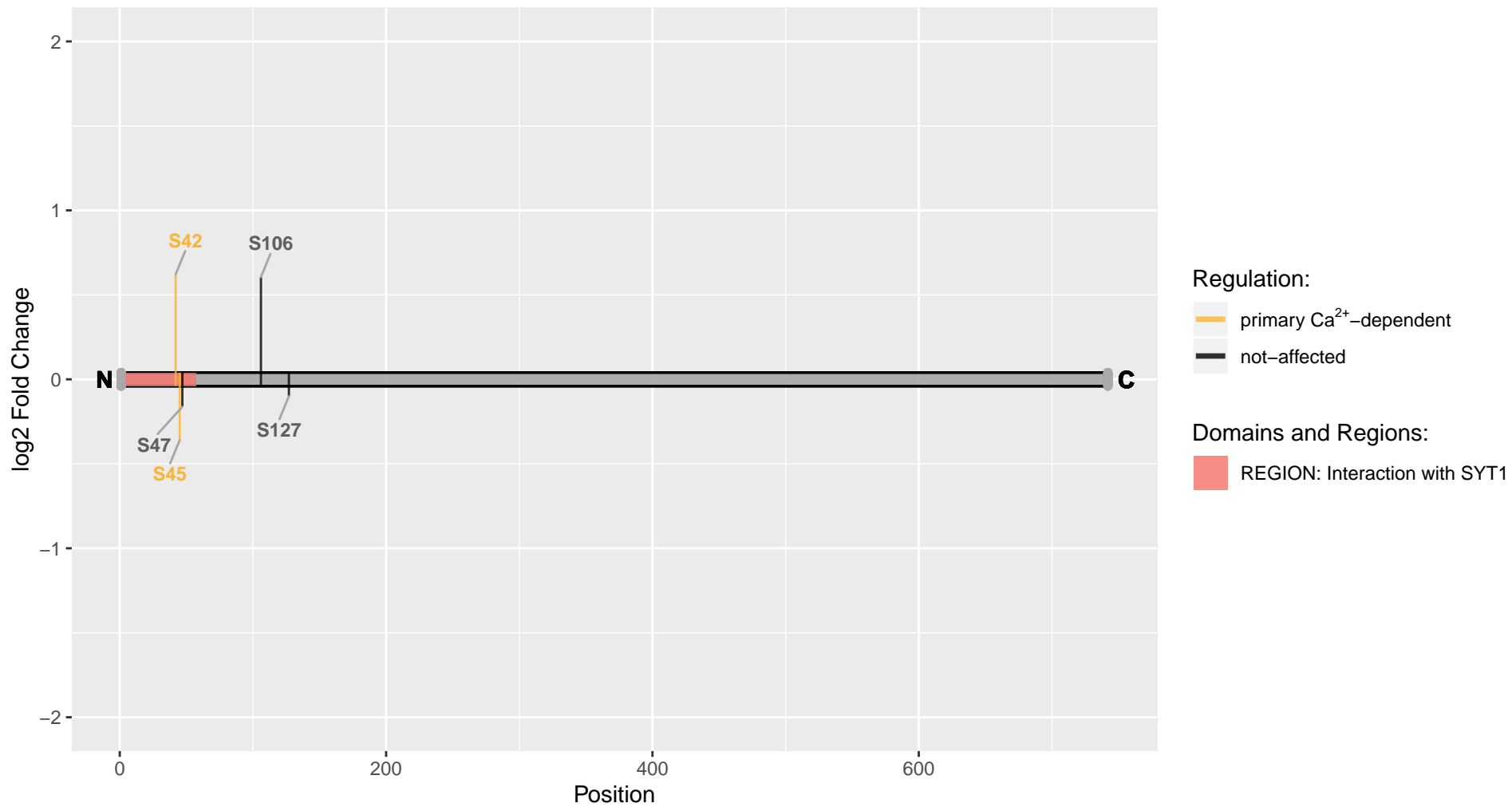
Sushi domain containing 5 (Predicted)



Sv2a

Uniprot Accession: Q02563

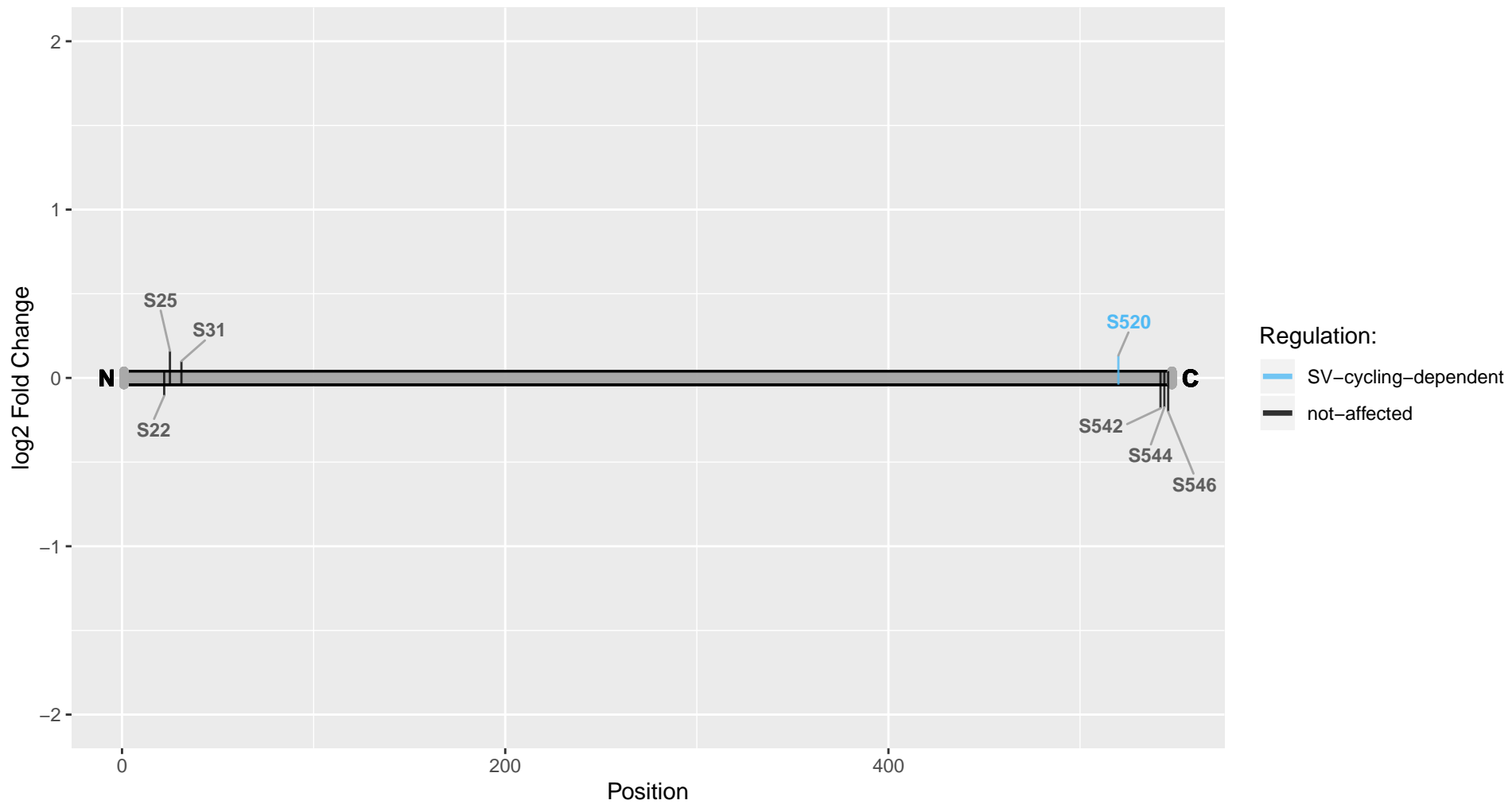
Synaptic vesicle glycoprotein 2A



Svop

Uniprot Accession: Q9Z2I7

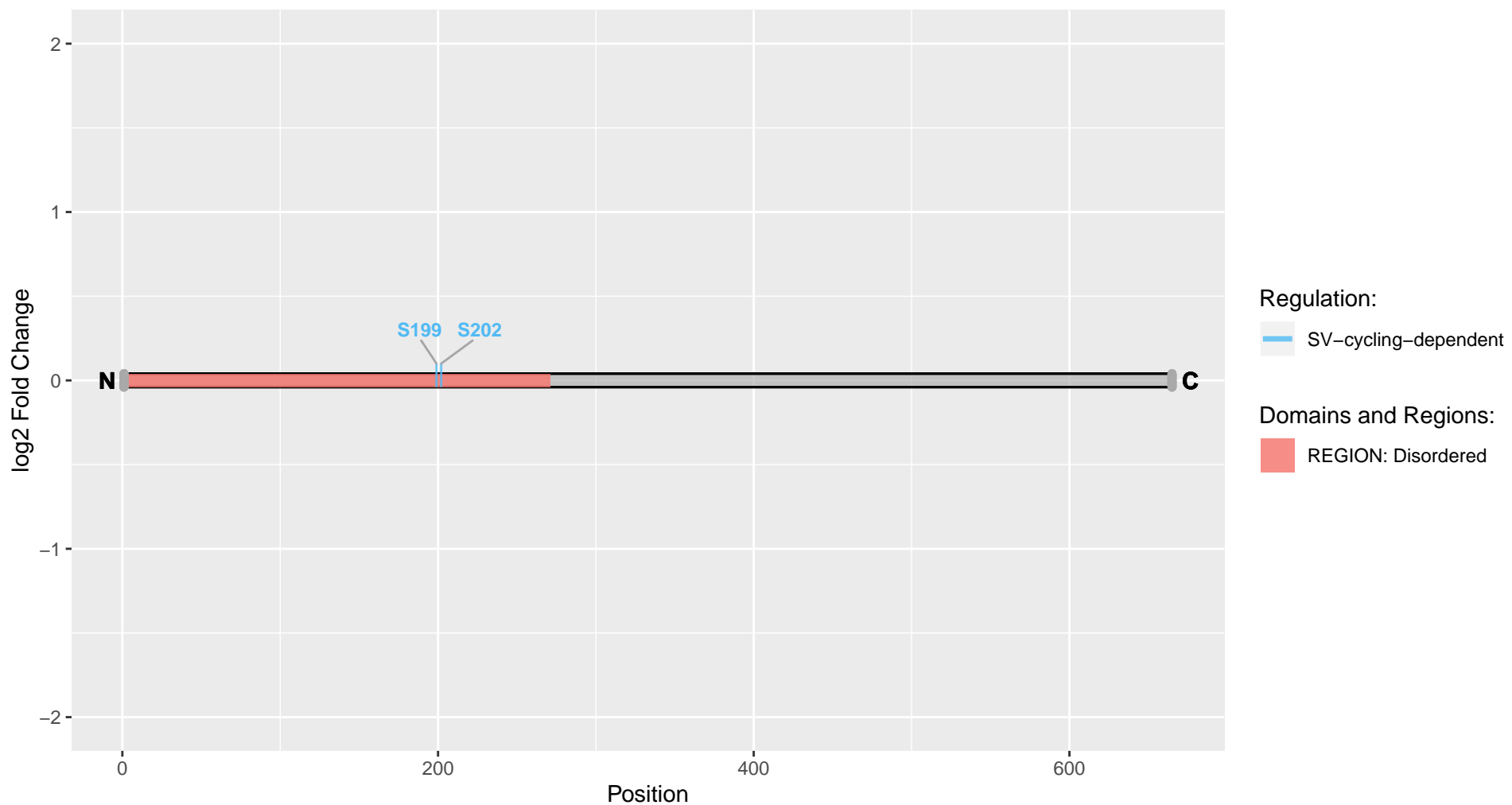
Synaptic vesicle 2-related protein



Sybu

Uniprot Accession: F1LUC0

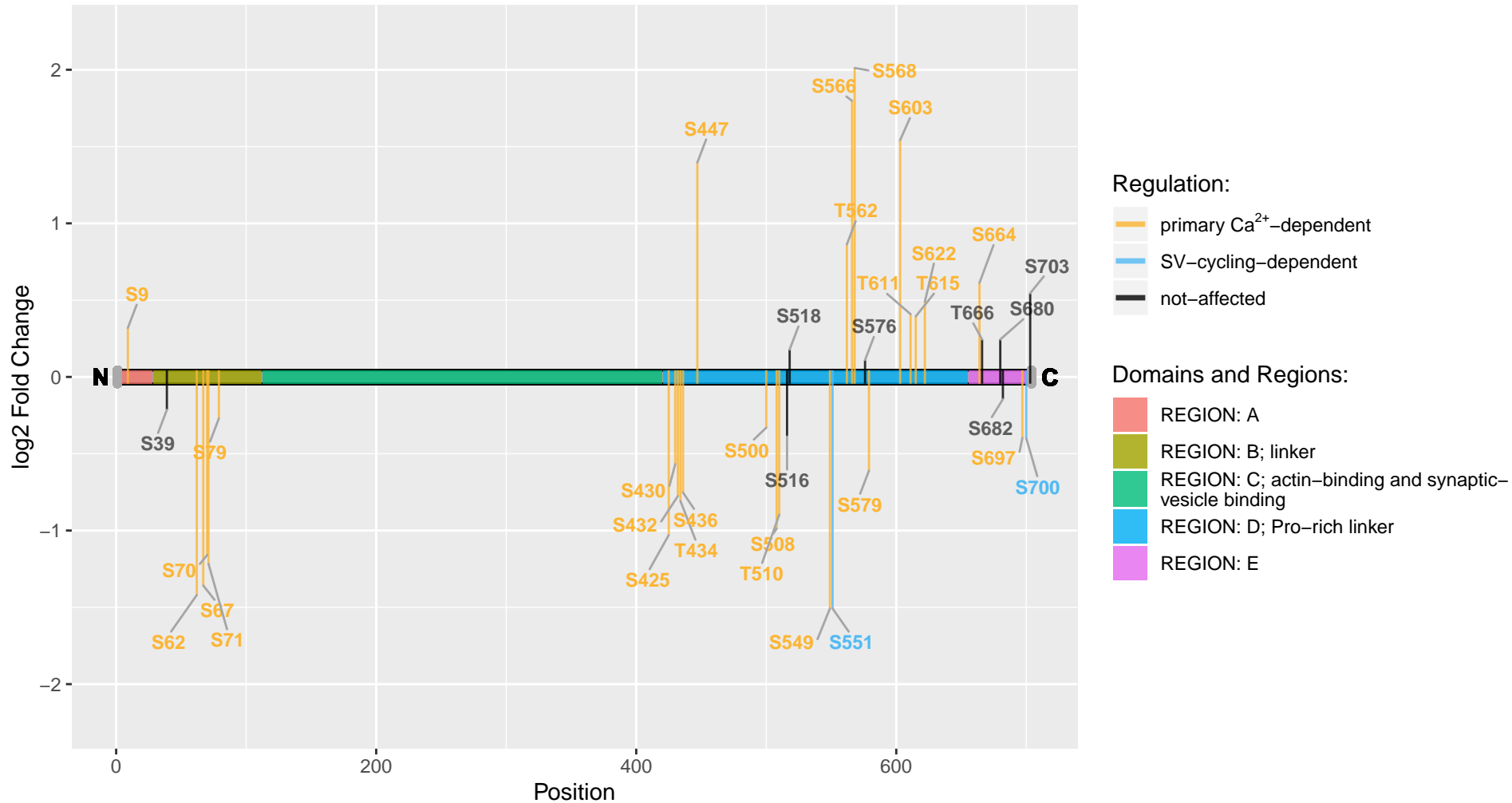
Similar to RIKEN cDNA 5730410E15 gene (Predicted), isoform CRA_a



Syn1

Uniprot Accession: P09951

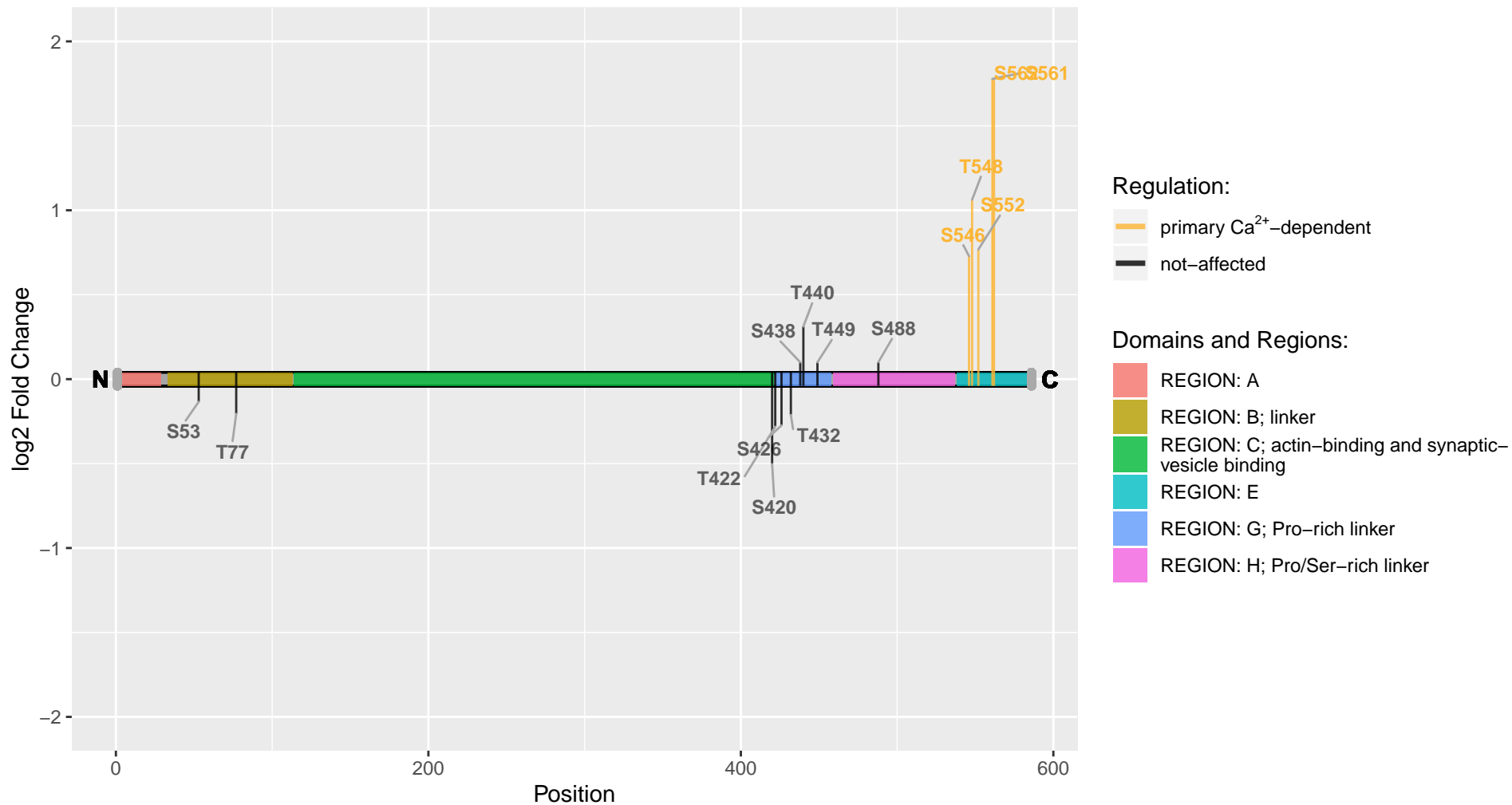
Synapsin-1



Syn2

Uniprot Accession: Q63537

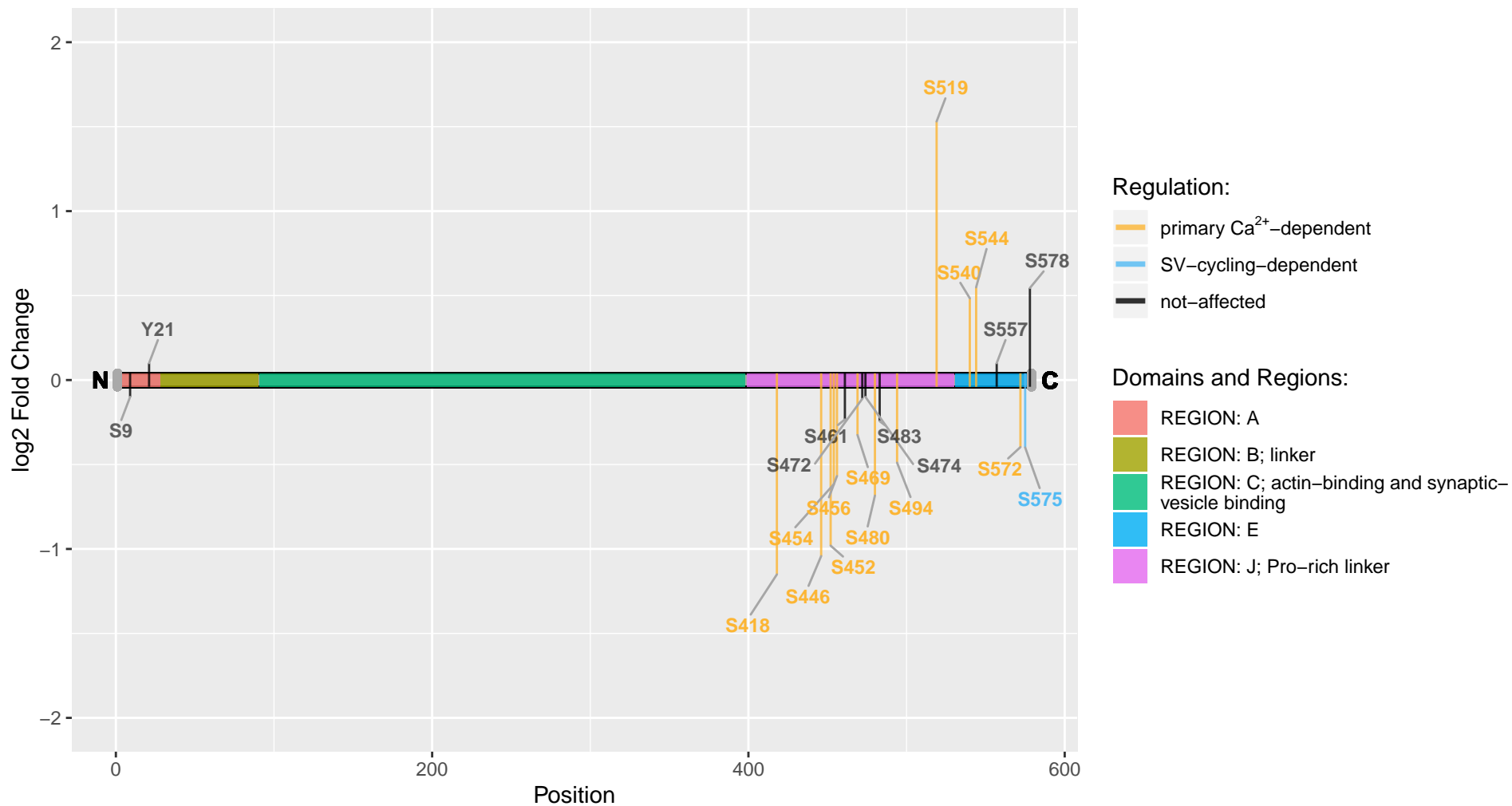
Synapsin-2



Syn3

Uniprot Accession: O70441

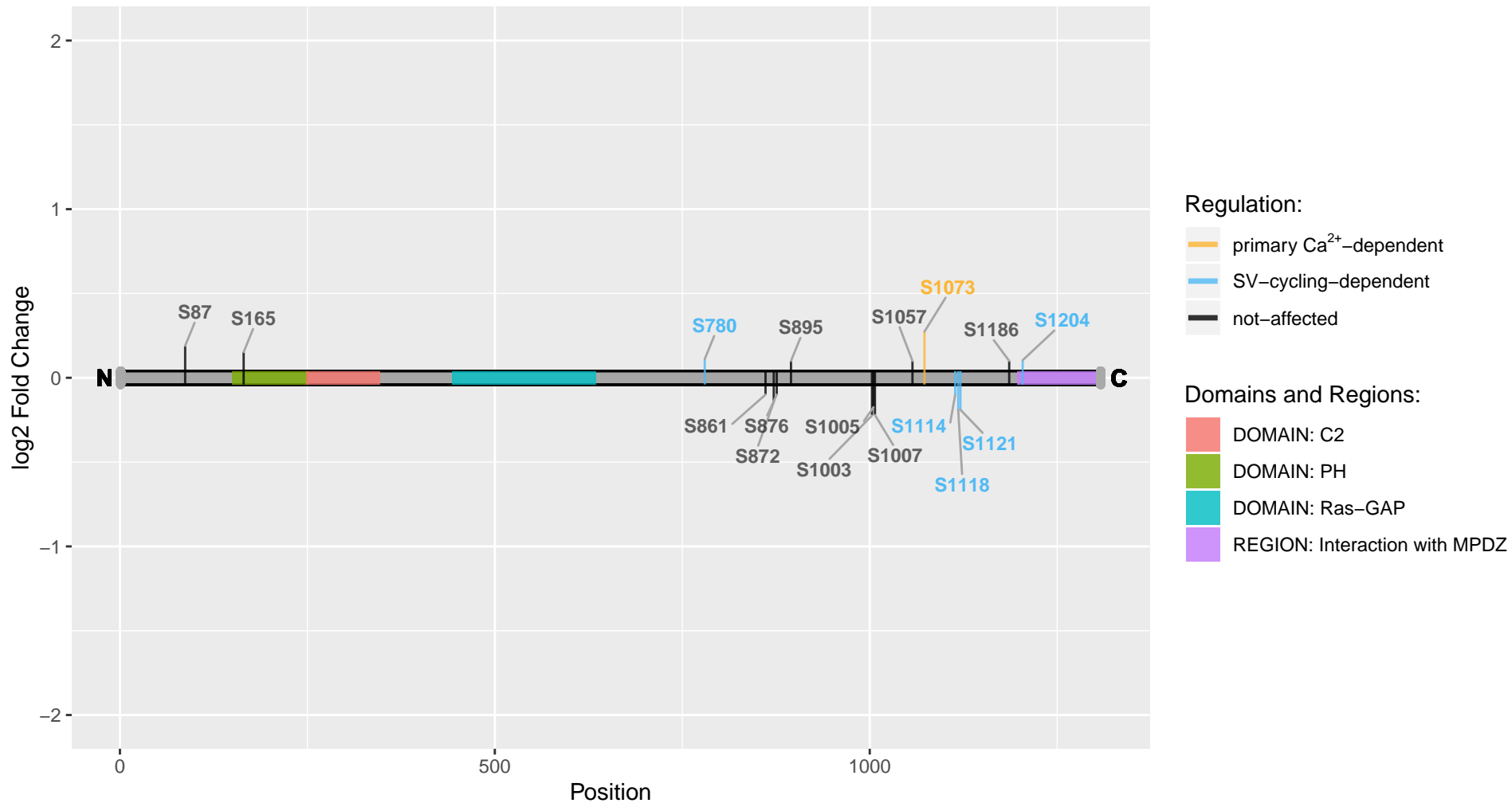
Synapsin-3



Syngap1

Uniprot Accession: Q9QUH6

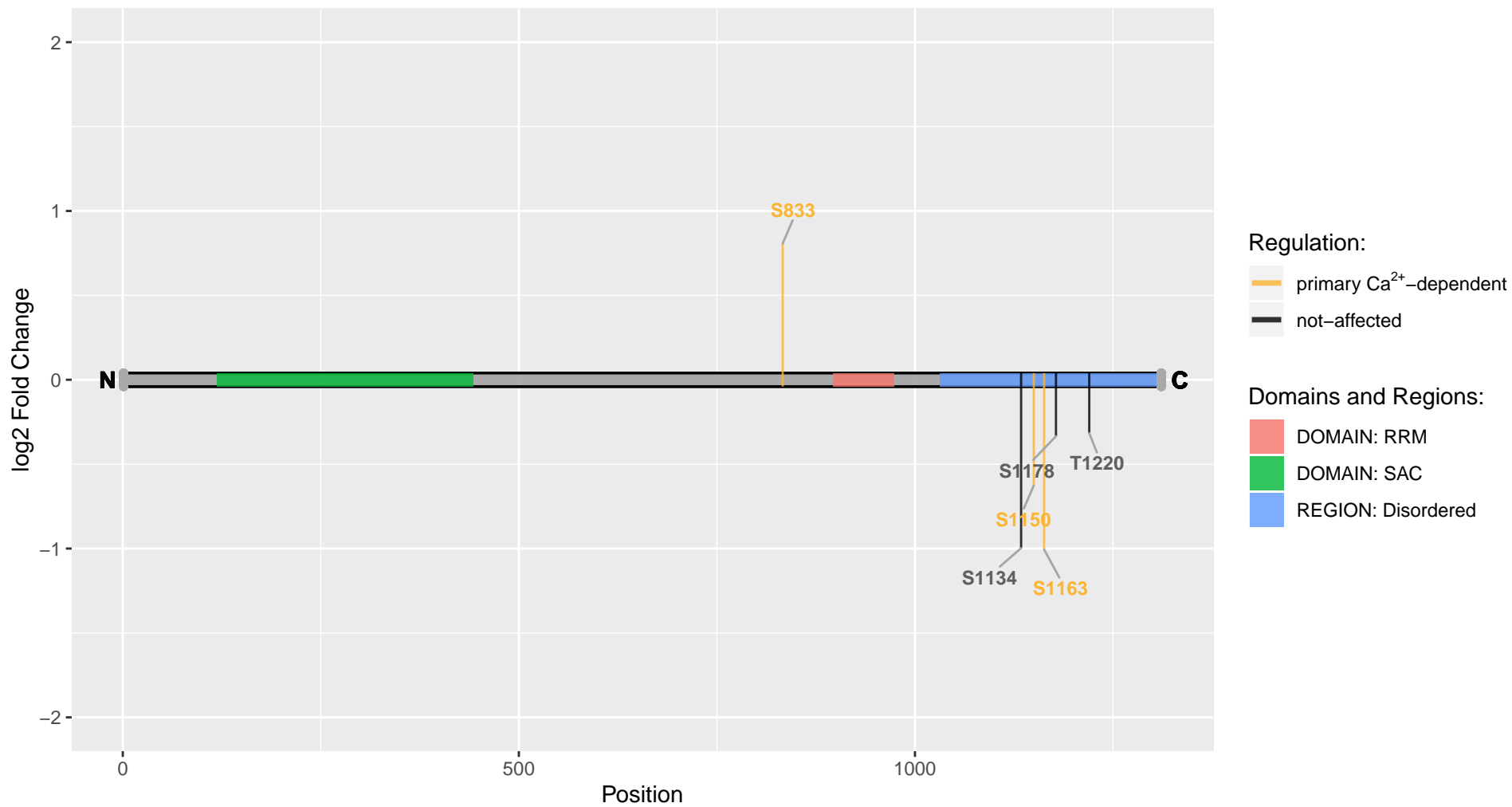
Ras/Rap GTPase-activating protein SynGAP



Synj1

Uniprot Accession: D4ABN3

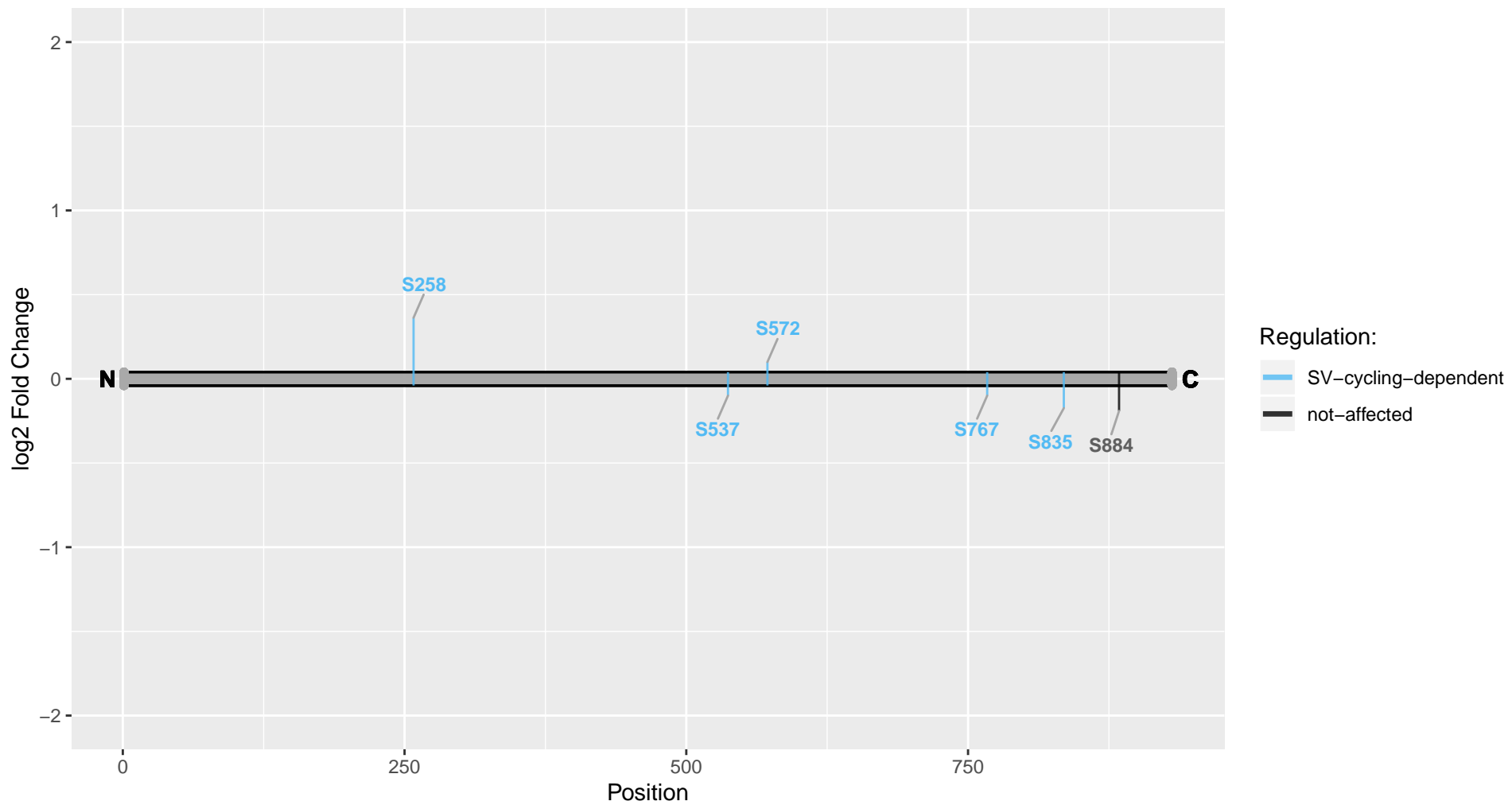
Synaptojanin-1



Synpo

Uniprot Accession: Q9Z327

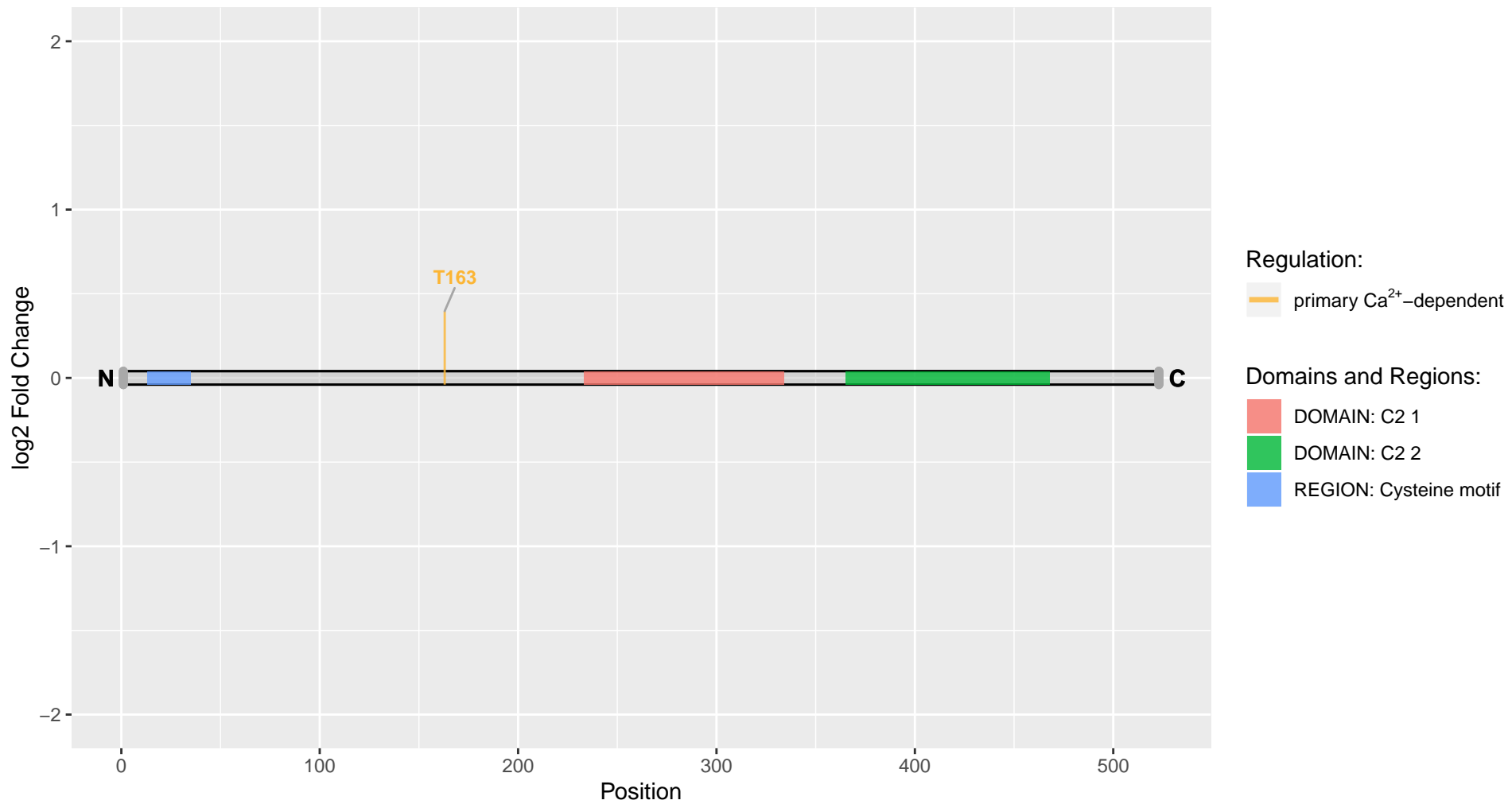
Synaptopodin



Syt10

Uniprot Accession: O08625

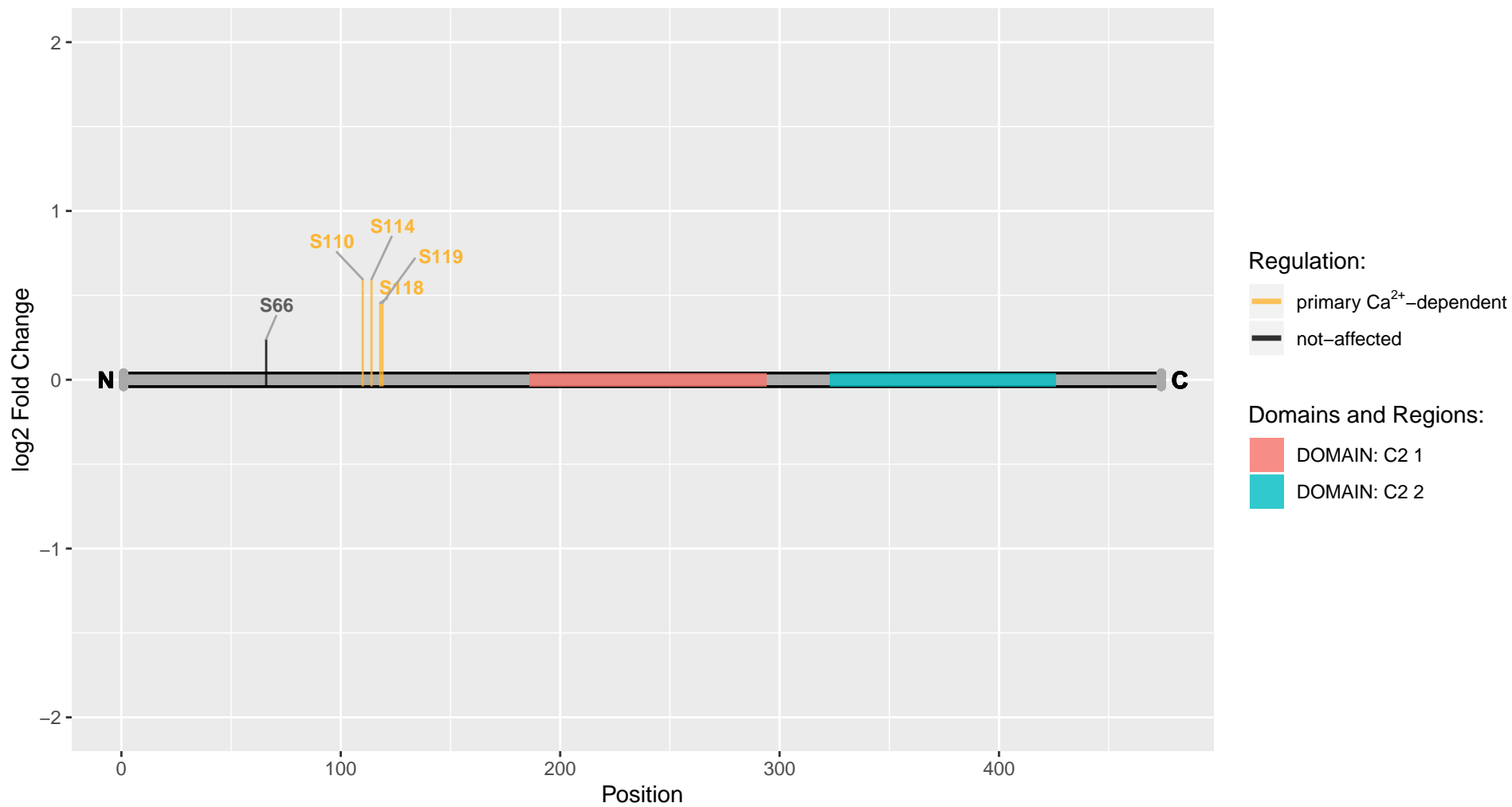
Synaptotagmin-10



Syt17

Uniprot Accession: Q62807

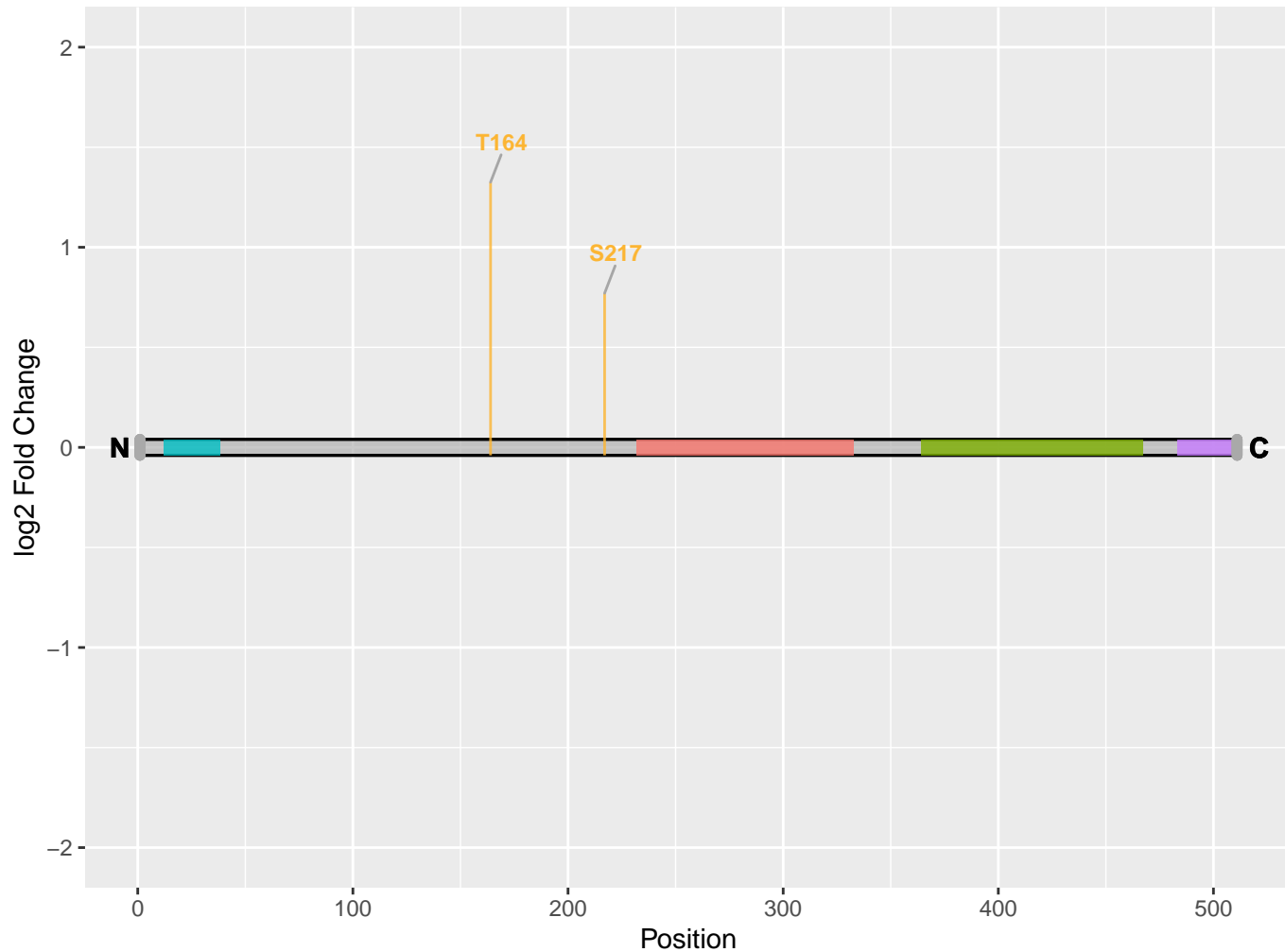
Synaptotagmin-17



Syt6

Uniprot Accession: Q62746

Synaptotagmin-6



Regulation:

primary Ca²⁺-dependent

Domains and Regions:

DOMAIN: C2 1

DOMAIN: C2 2

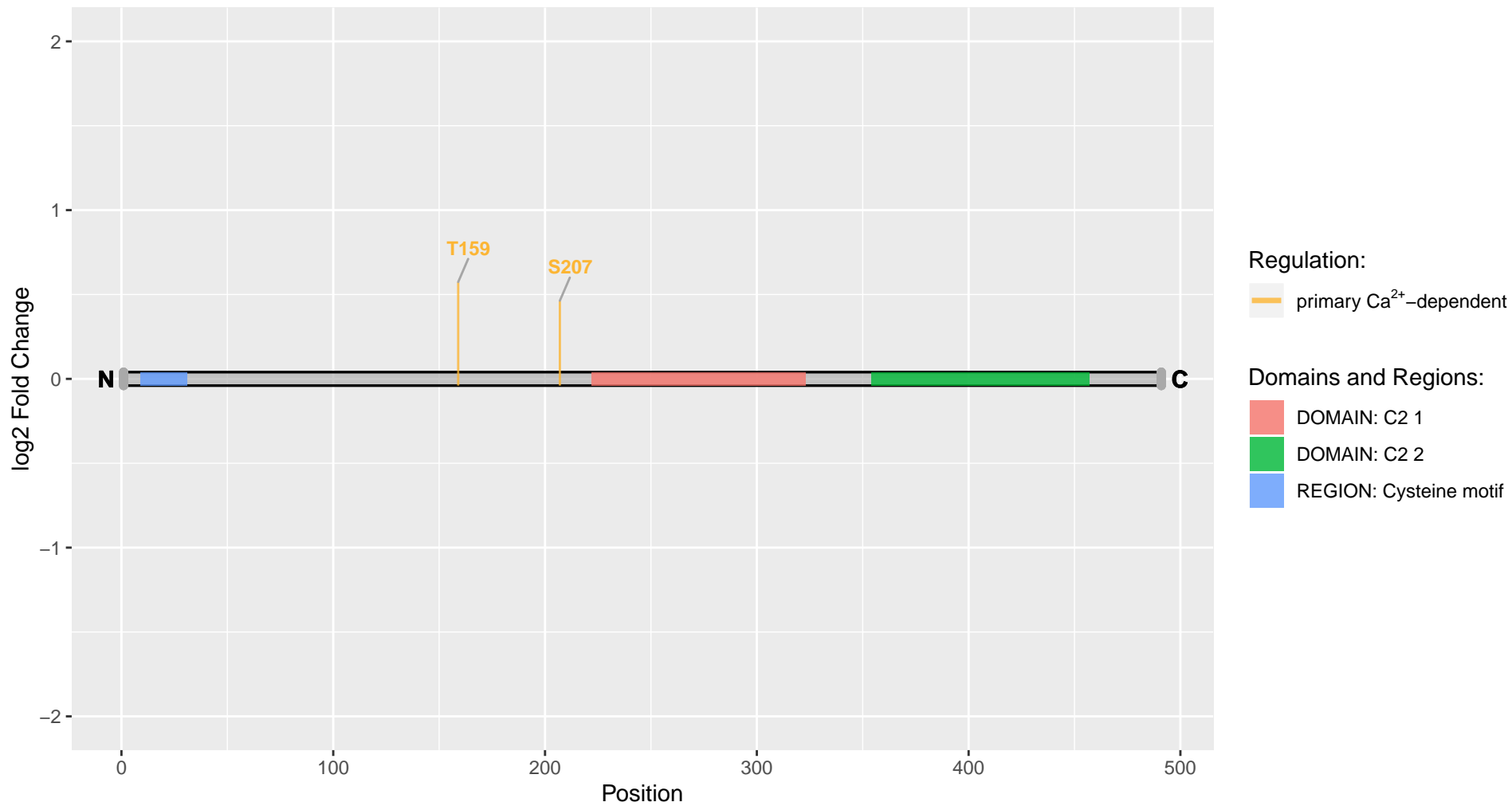
REGION: Cysteine motif

REGION: Necessary for cell membrane association (isoform 2)

Syt9

Uniprot Accession: Q925C0

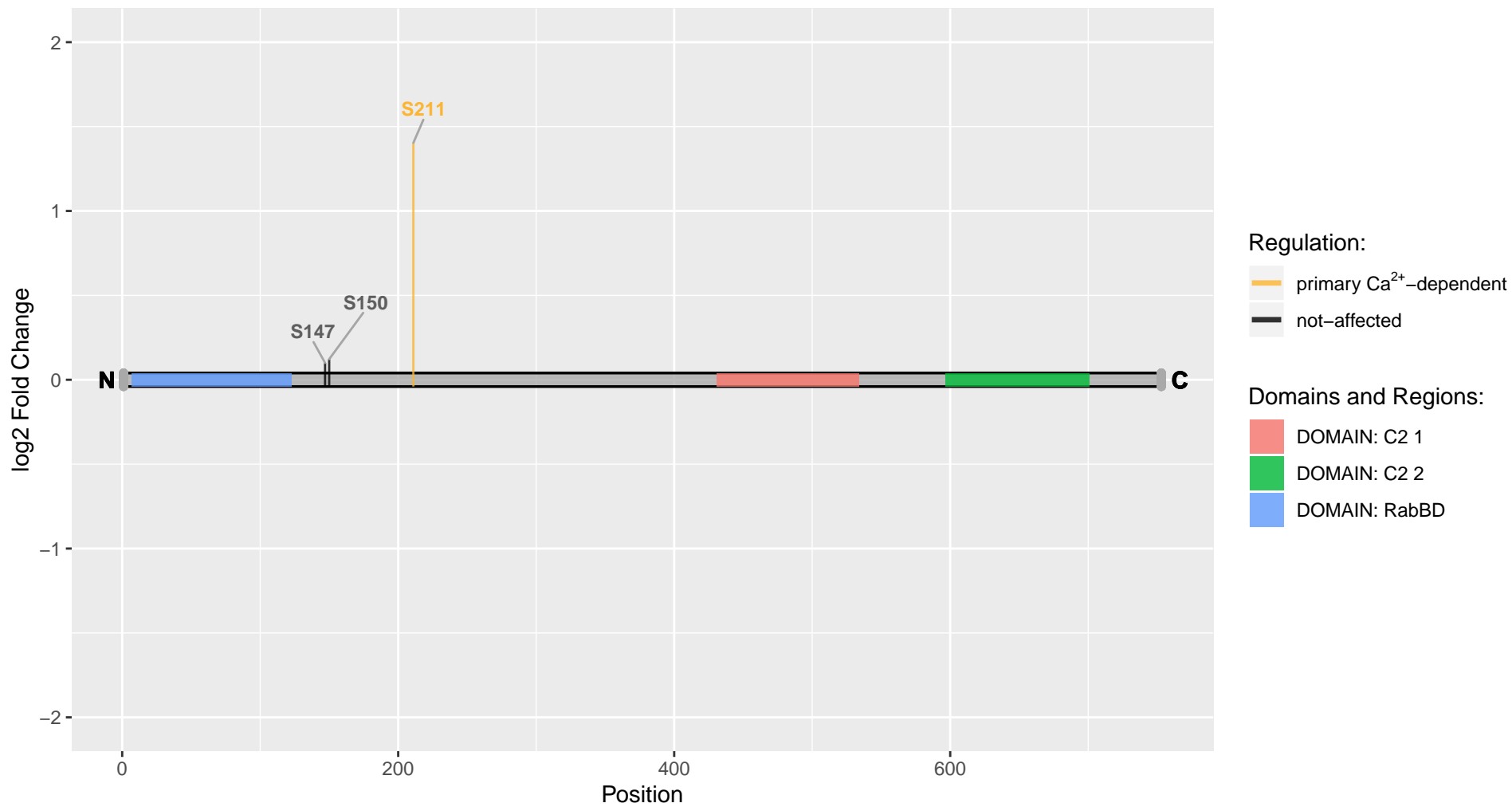
Synaptotagmin-9



Syt15

Uniprot Accession: Q812E4

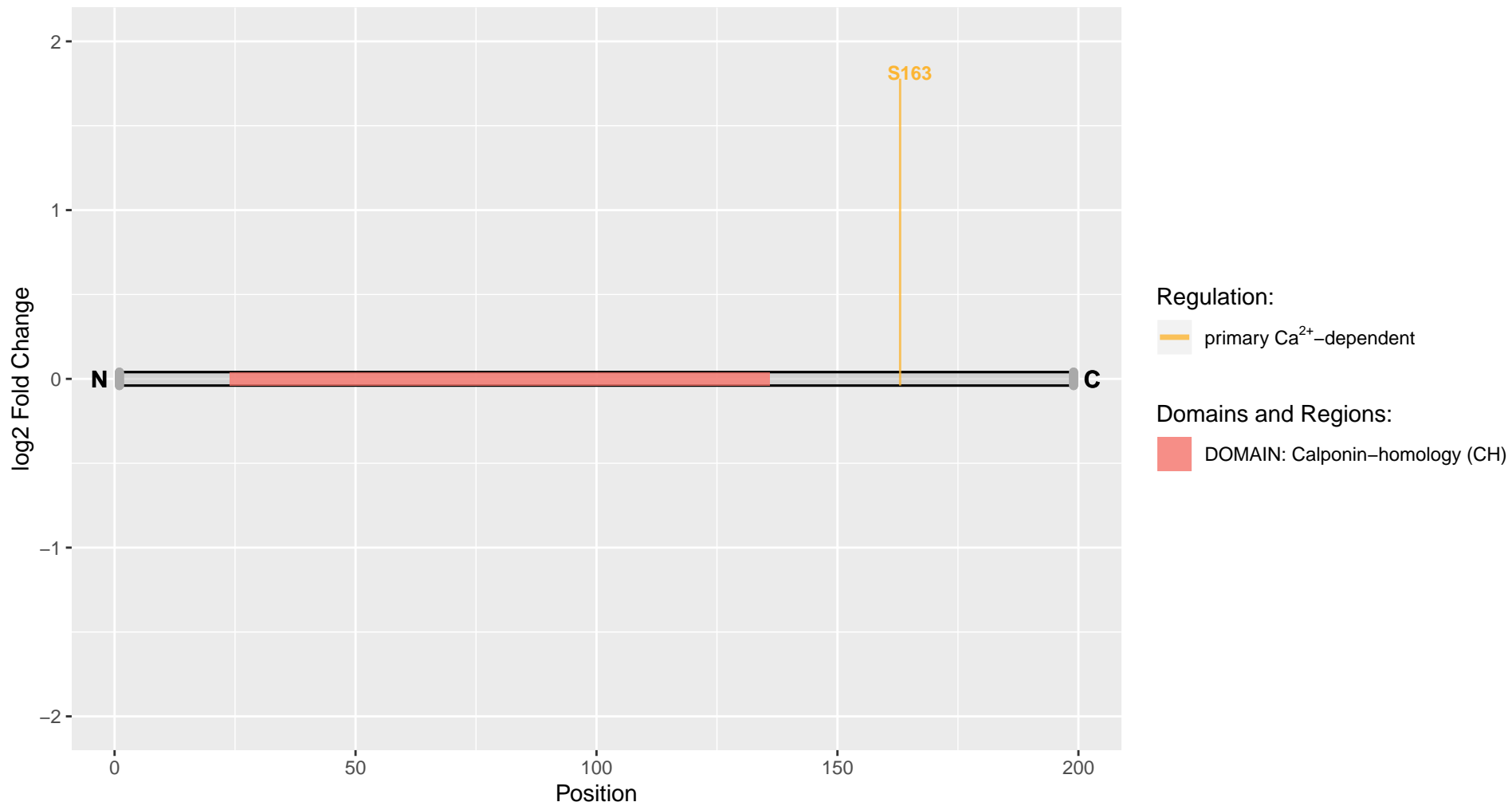
Synaptotagmin-like protein 5



Tagln3

Uniprot Accession: P37805

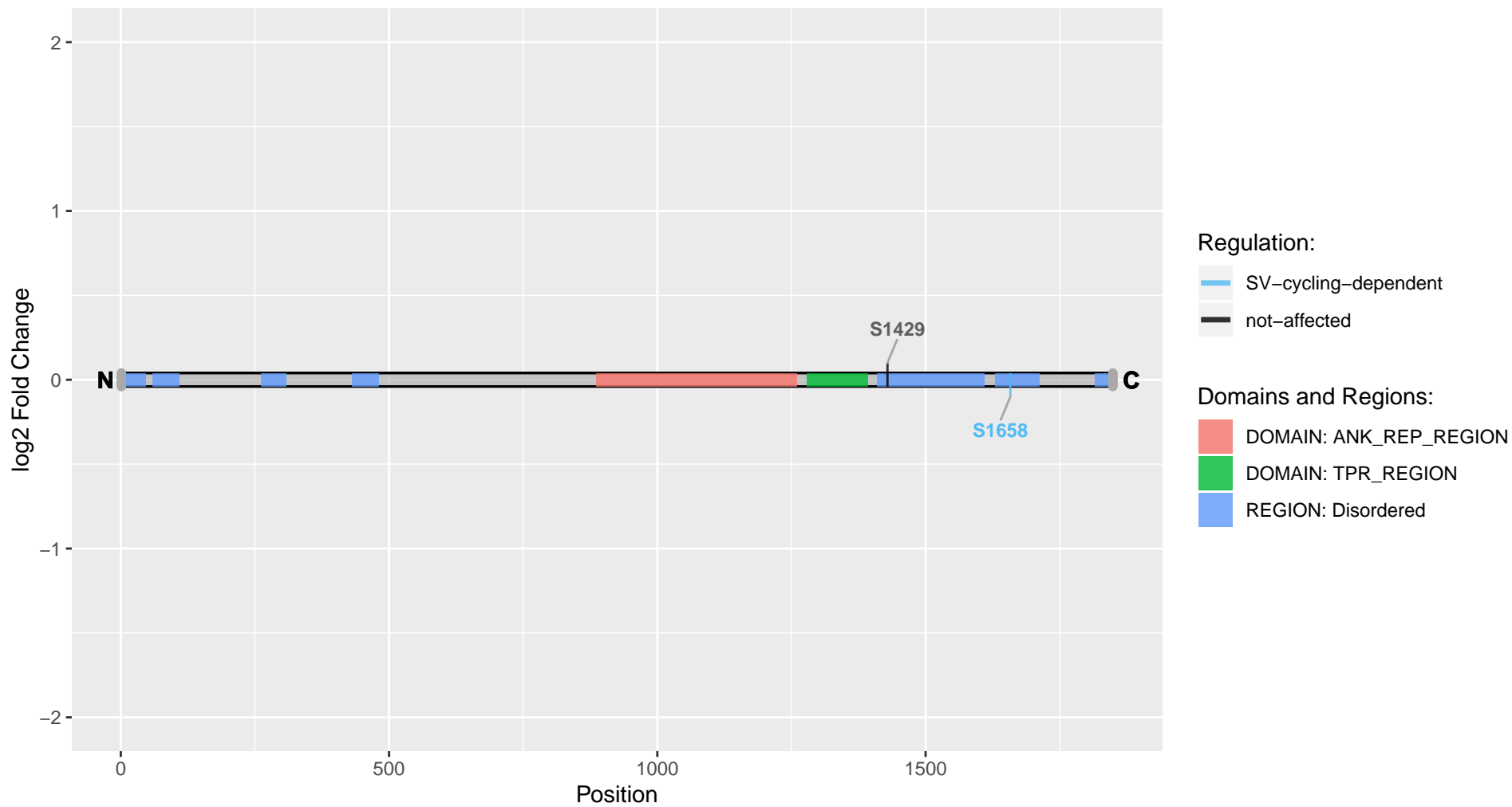
Transgelin-3



Tanc1

Uniprot Accession: G3V917

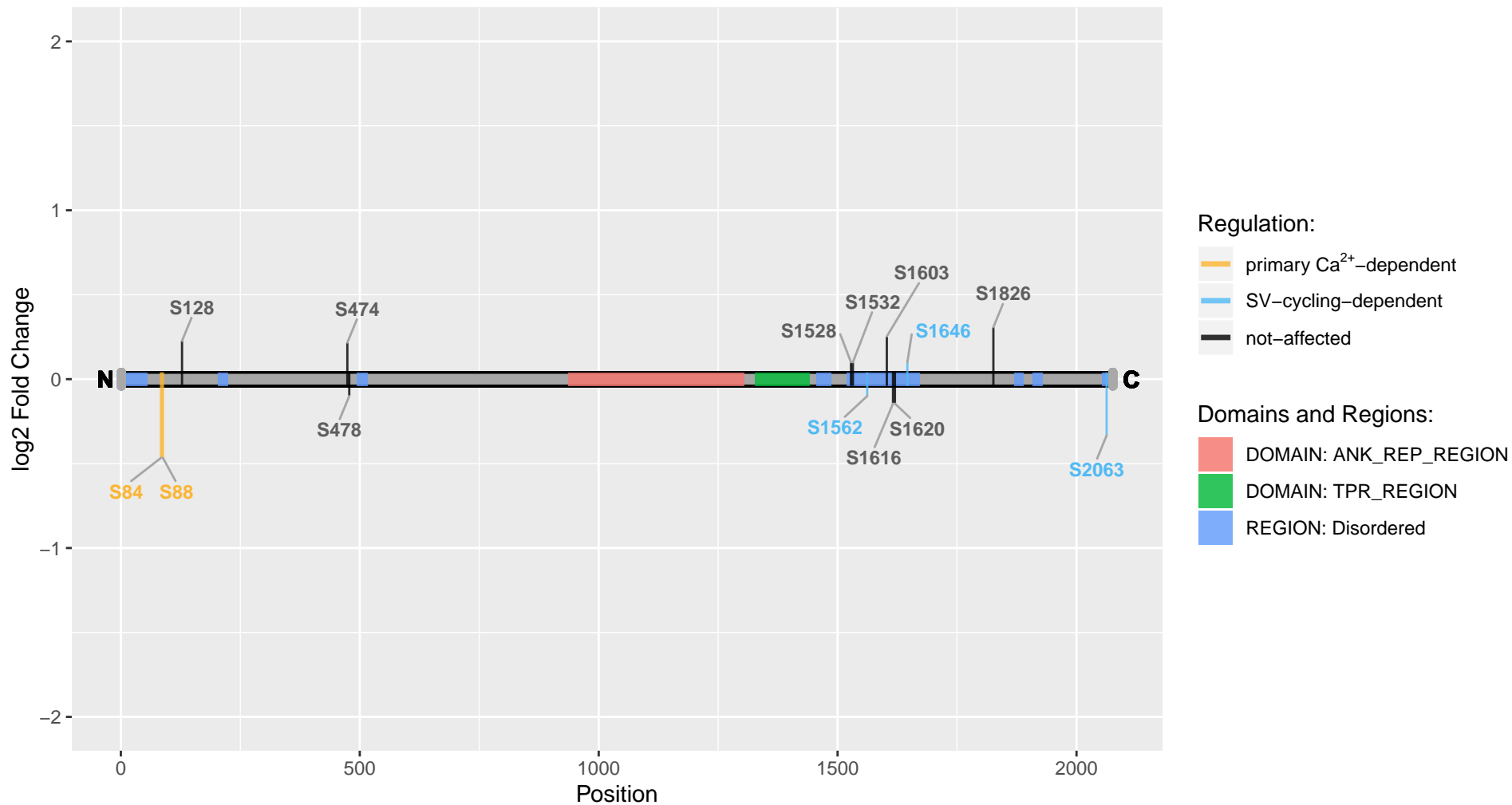
Protein TANC1



Tanc2

Uniprot Accession: A0A0G2K9J0

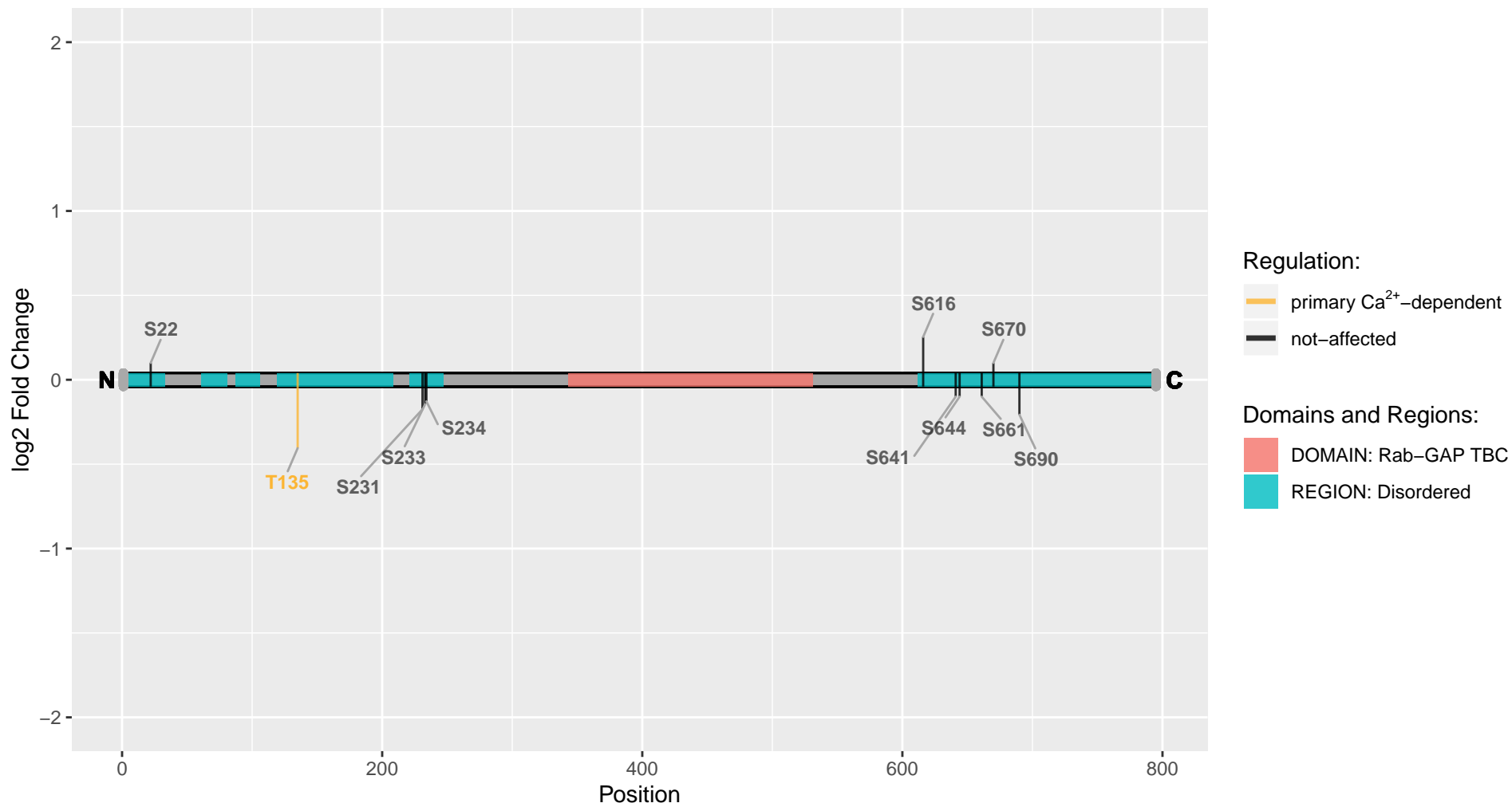
Tetratricopeptide repeat, ankyrin repeat and coiled-coil-containing 2



Tbc1d10b

Uniprot Accession: D3ZSY8

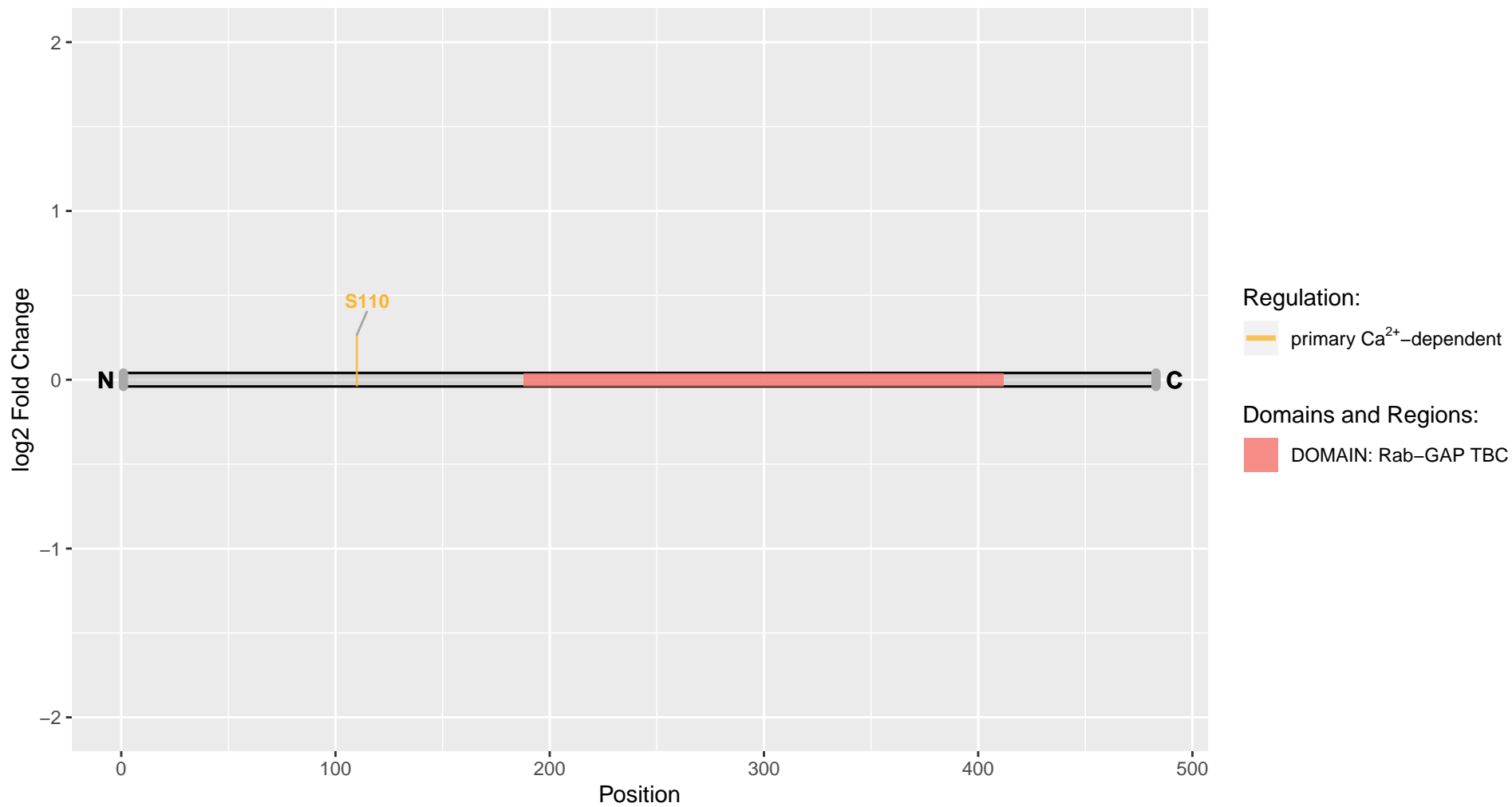
TBC1 domain family, member 10b



Tbc1d22b

Uniprot Accession: A0A0G2JWM9

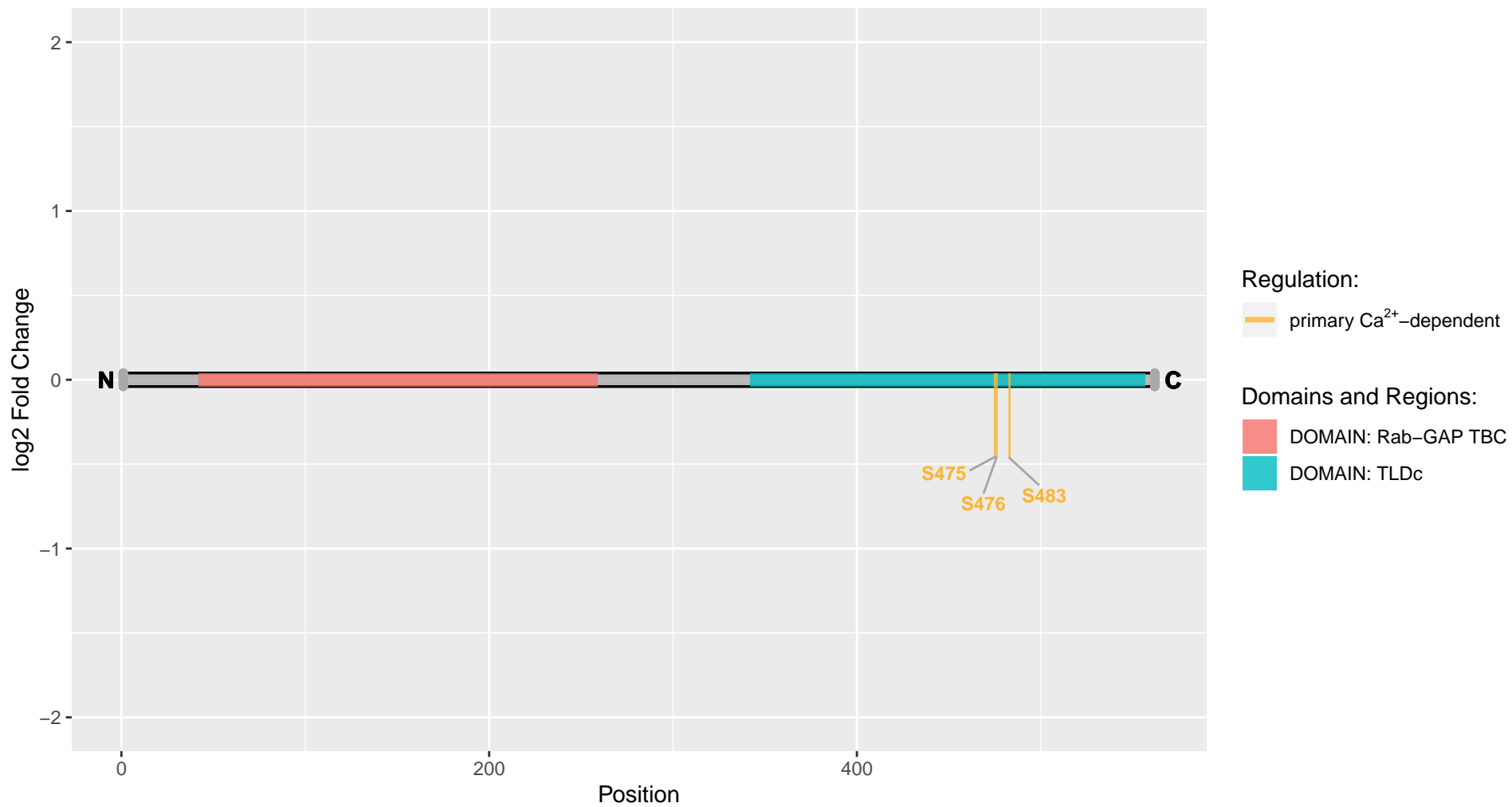
TBC1 domain family, member 22B



Tbc1d24

Uniprot Accession: A0A0G2K5B0

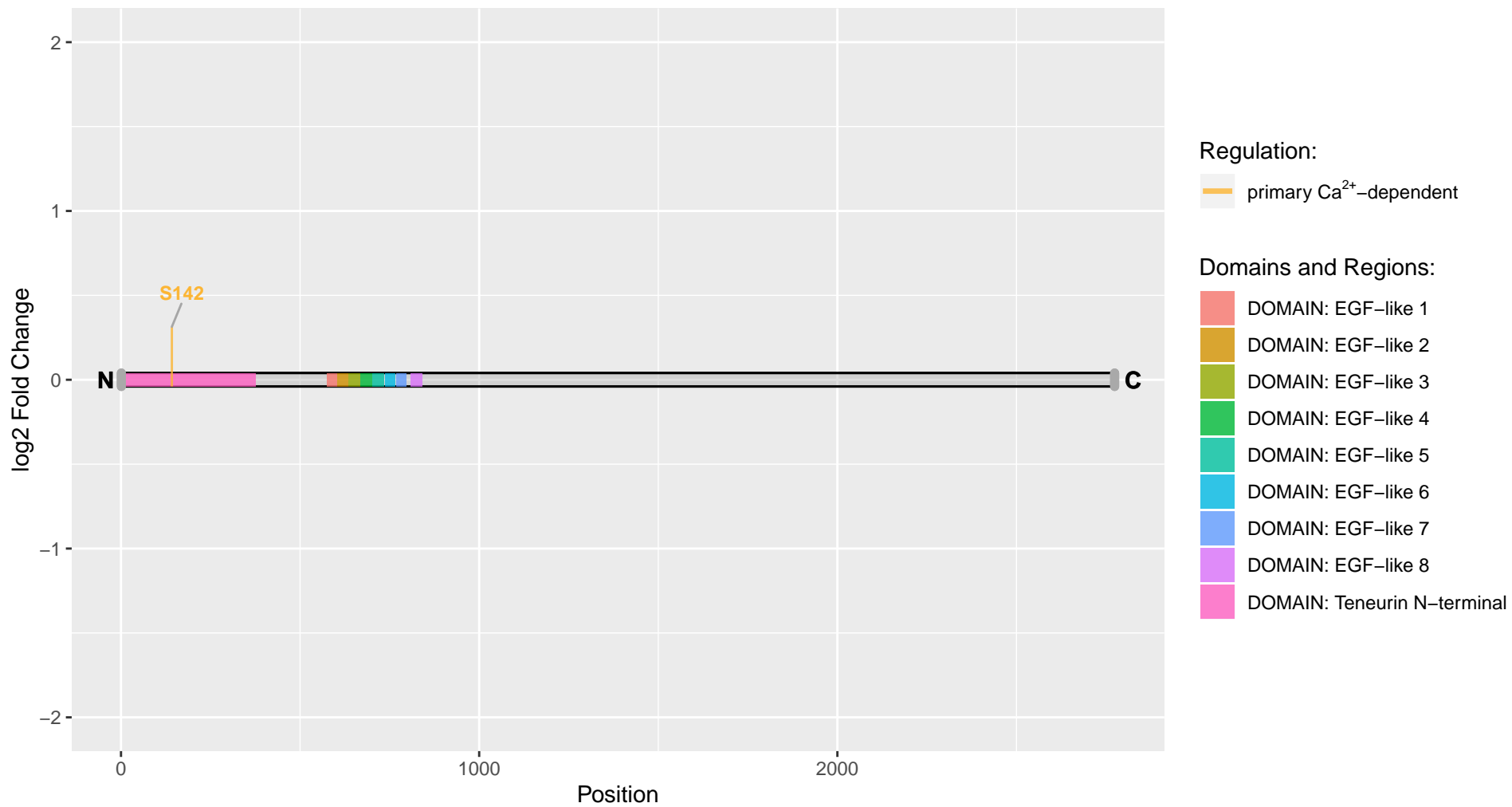
TBC1 domain family, member 24



Tenm2

Uniprot Accession: Q9R1K2

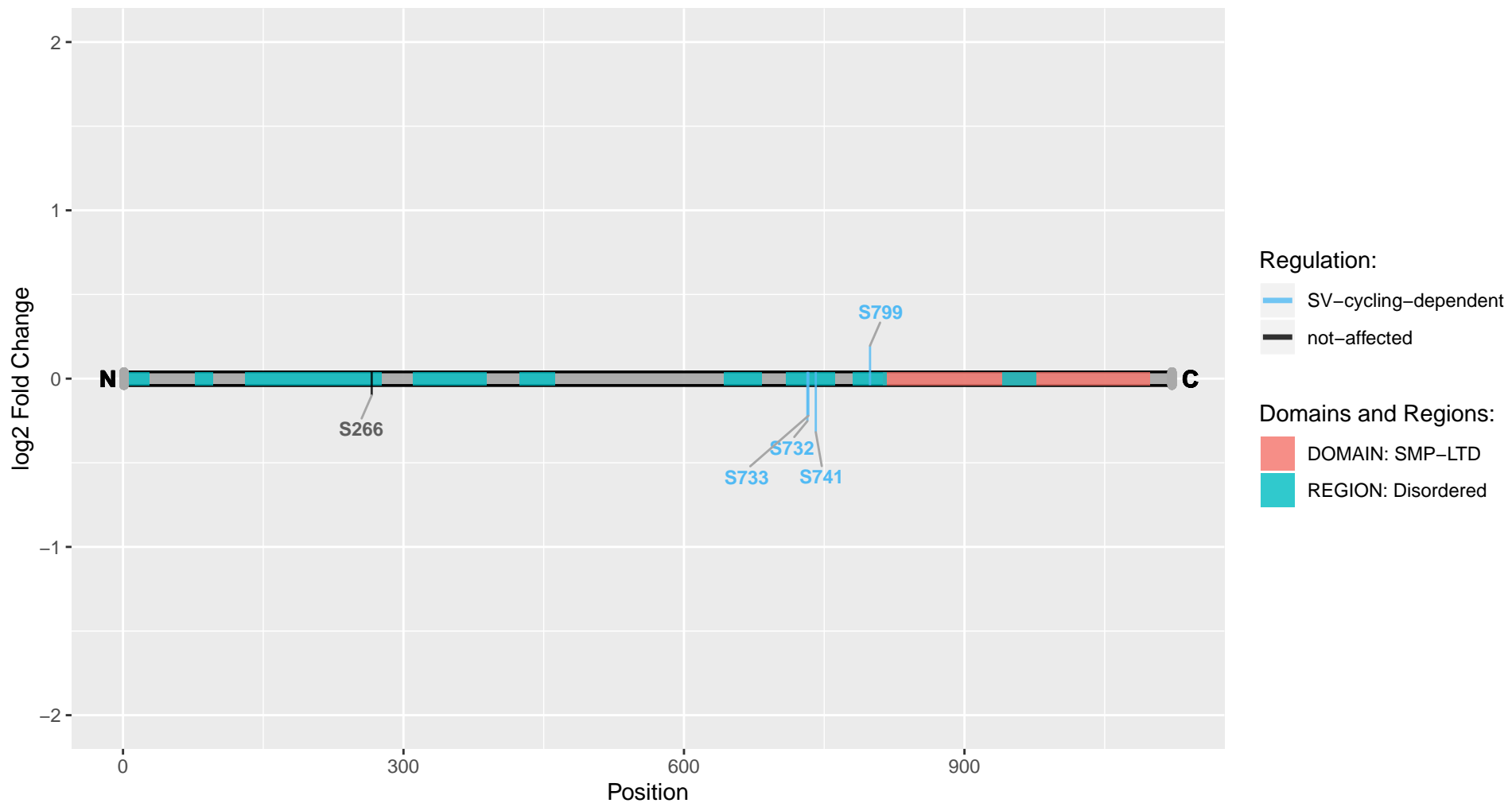
Teneurin-2



Tex2

Uniprot Accession: G3V9L1

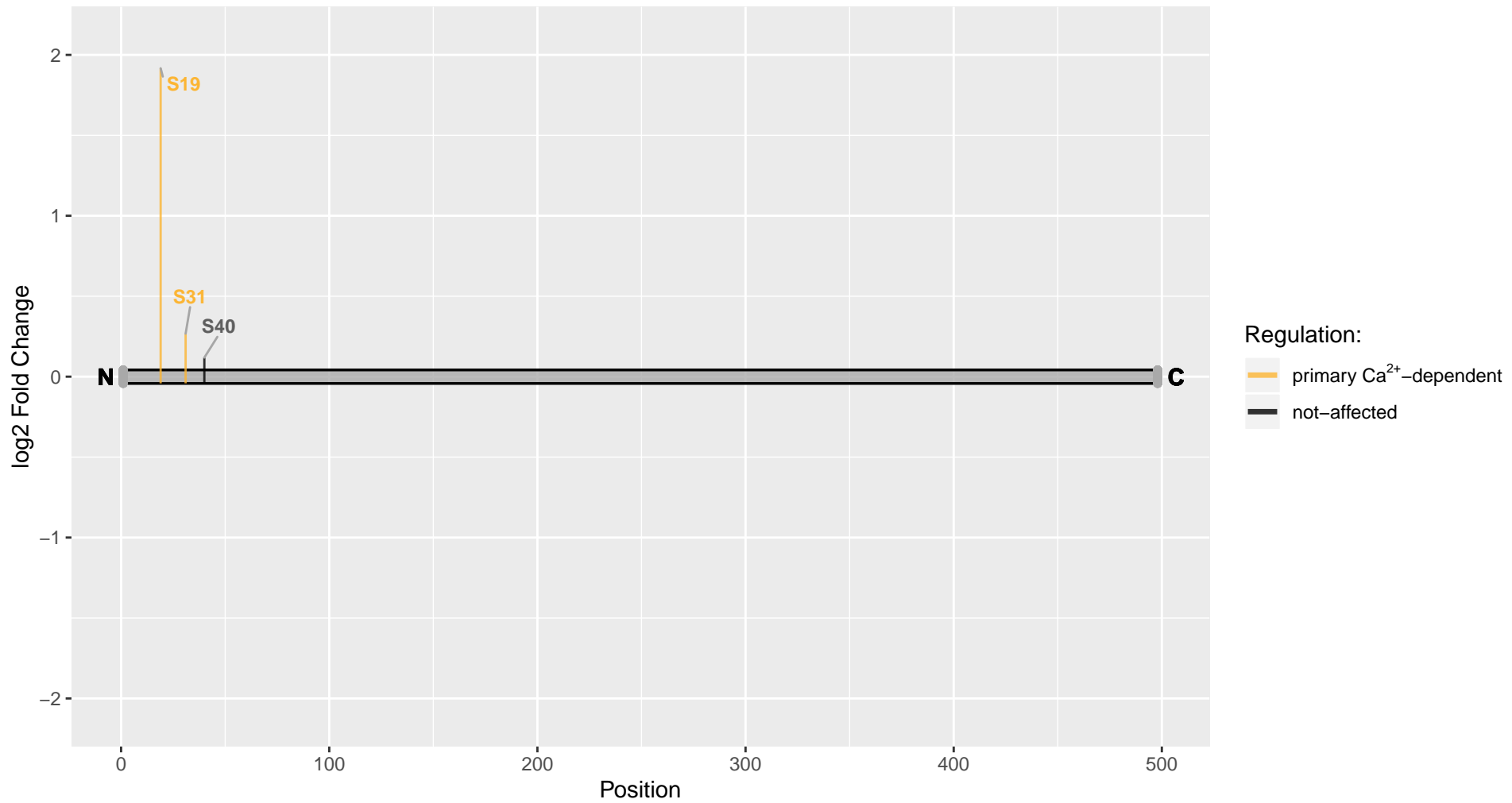
Testis expressed gene 2



Th

Uniprot Accession: P04177

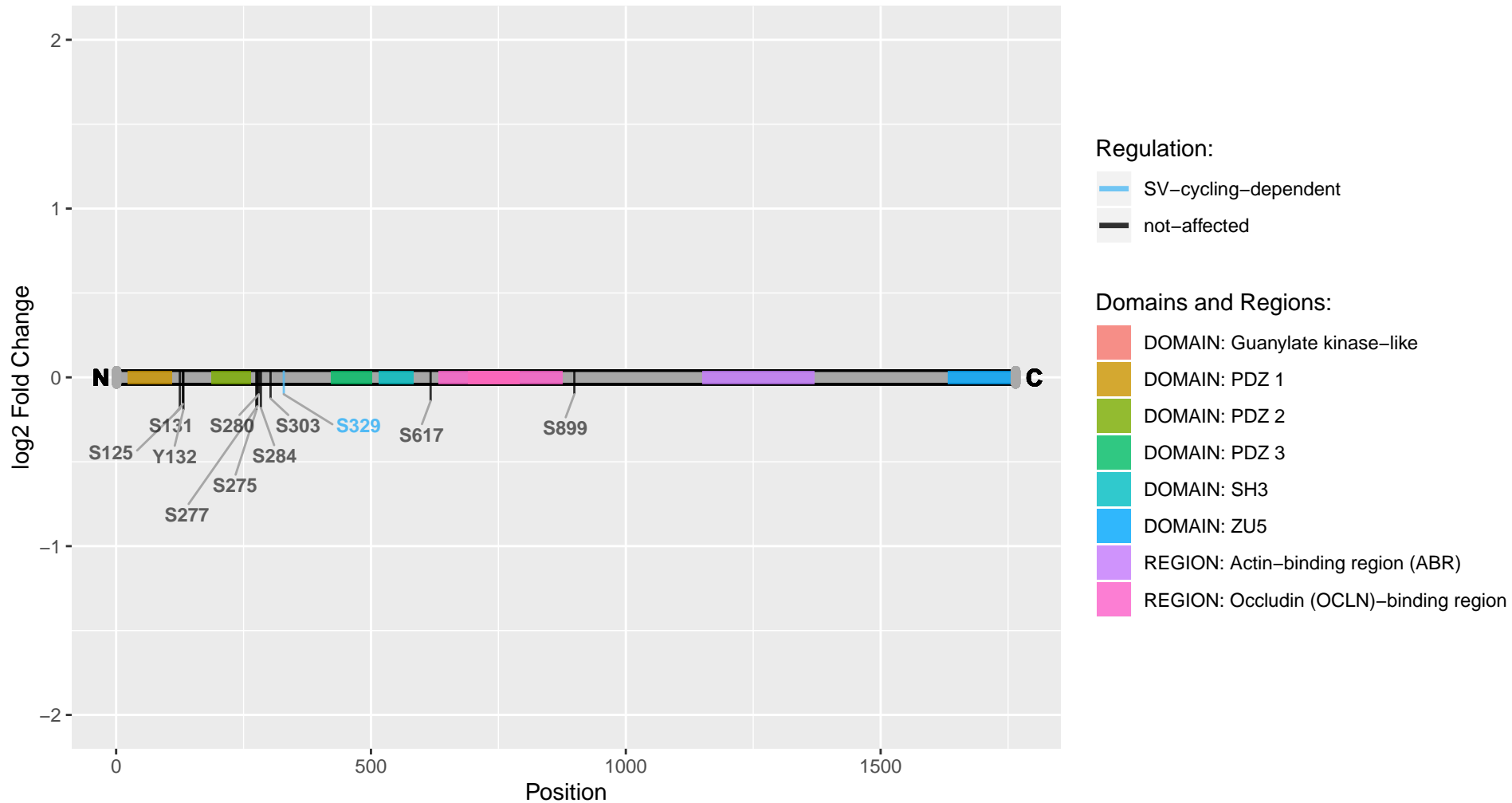
Tyrosine 3-monooxygenase



Tjp1

Uniprot Accession: A0A0G2K2P5

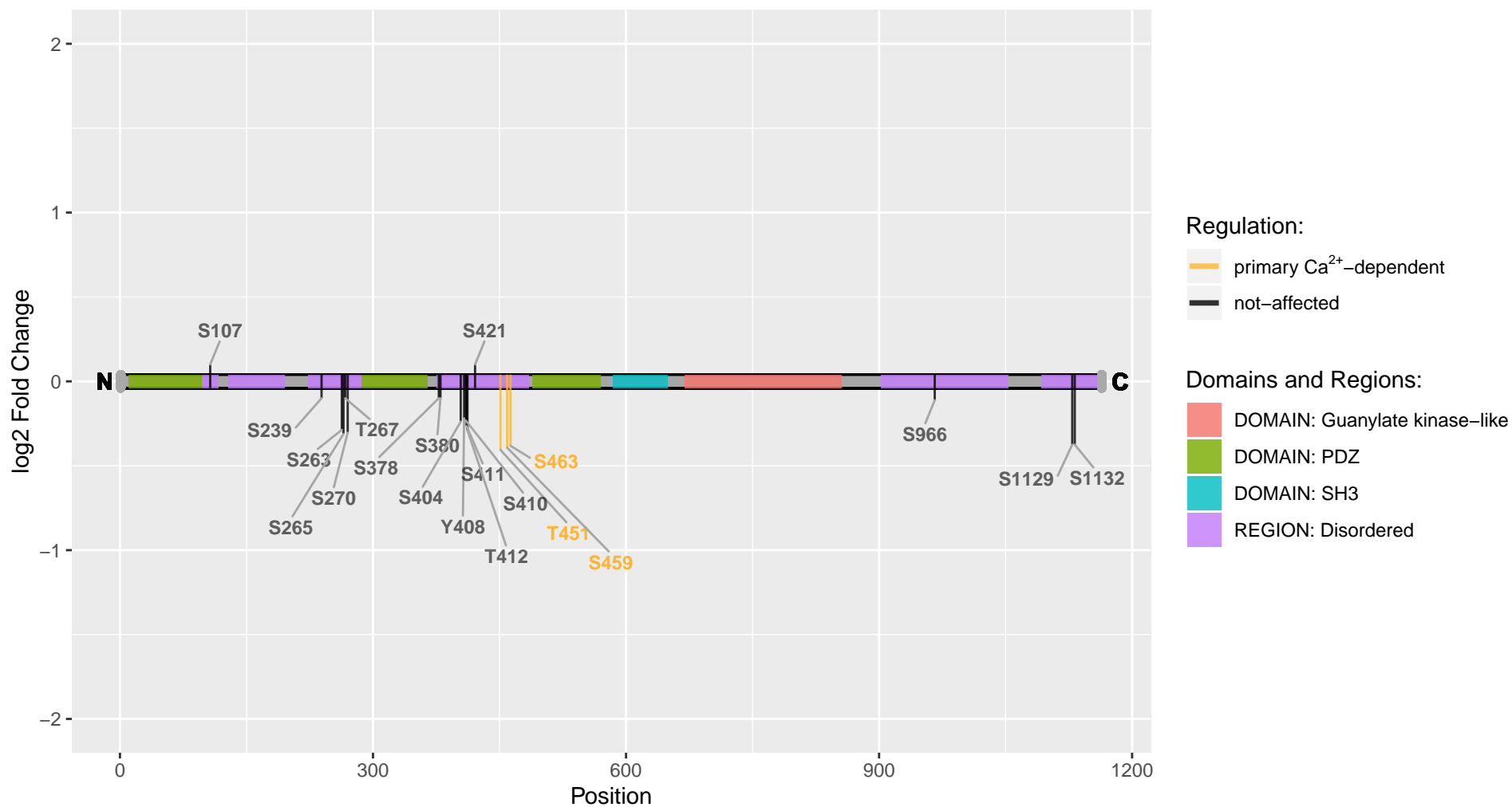
Tight junction protein ZO-1



Tjp2

Uniprot Accession: Q3ZB99

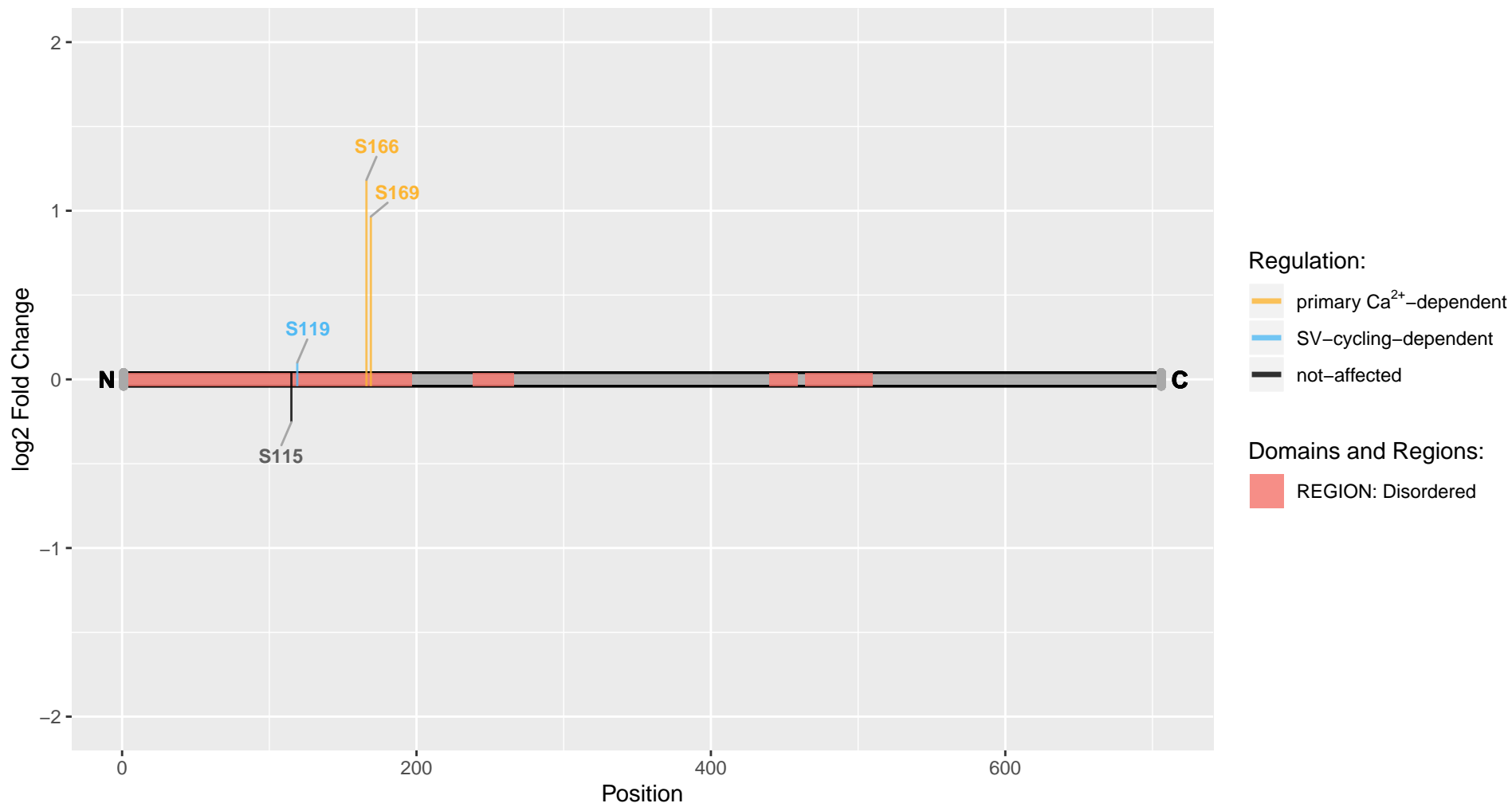
Tight junction protein 2



Tmcc2

Uniprot Accession: D3ZE26

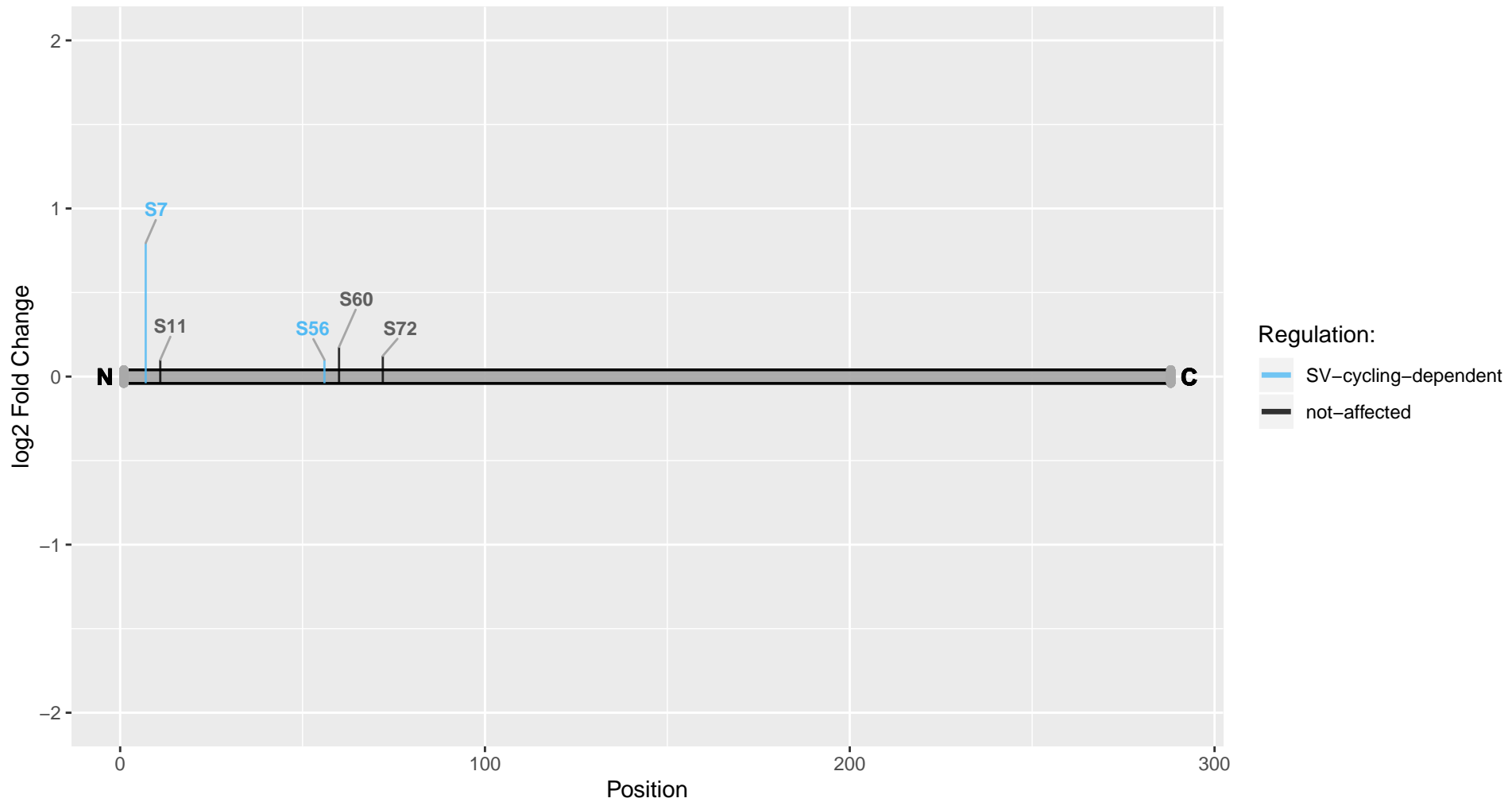
Similar to RIKEN cDNA 1110063G11 (Predicted)



Tmem163

Uniprot Accession: A9CMA6

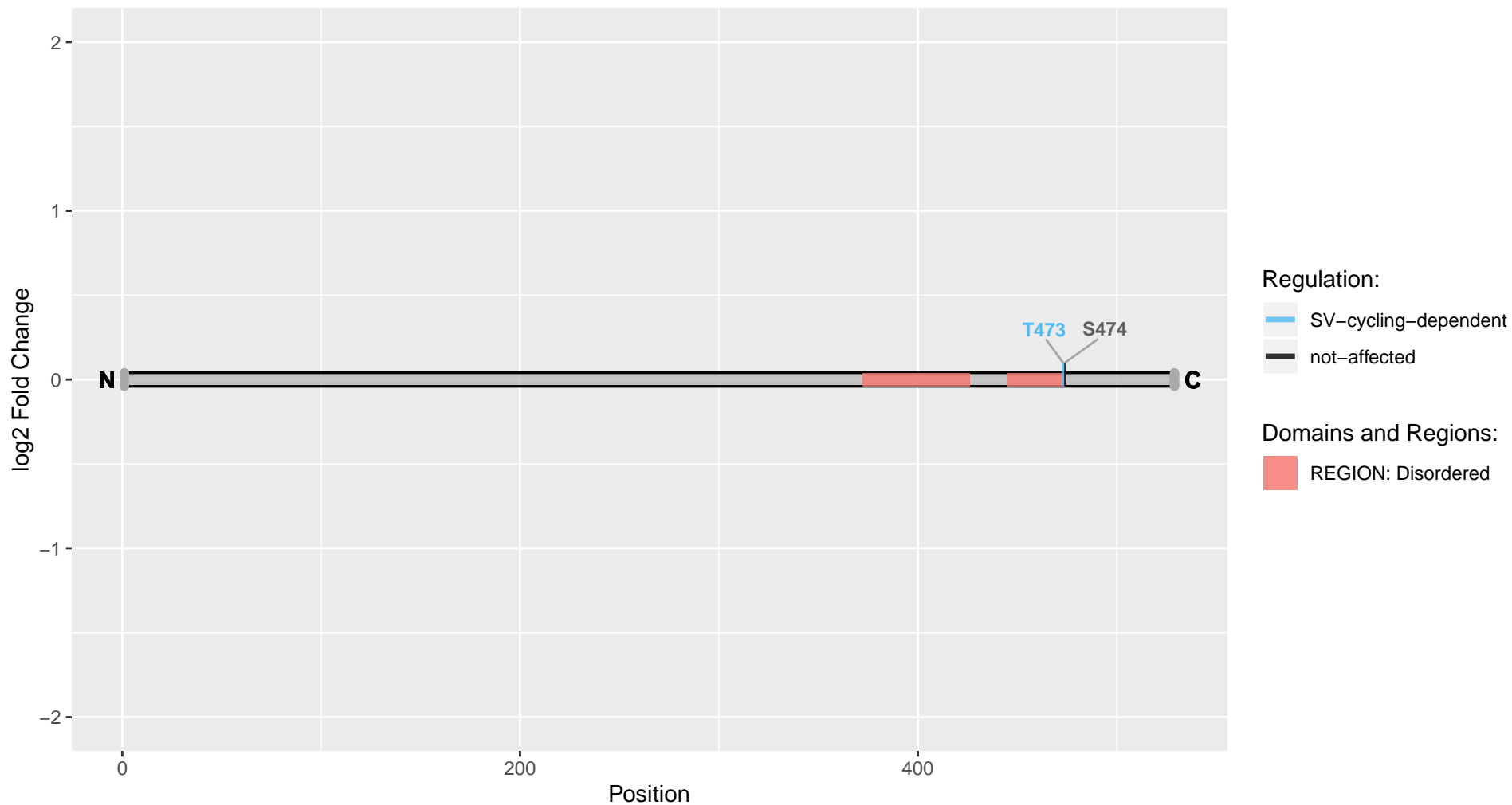
Transmembrane protein 163



Tmem266

Uniprot Accession: D3ZYW8

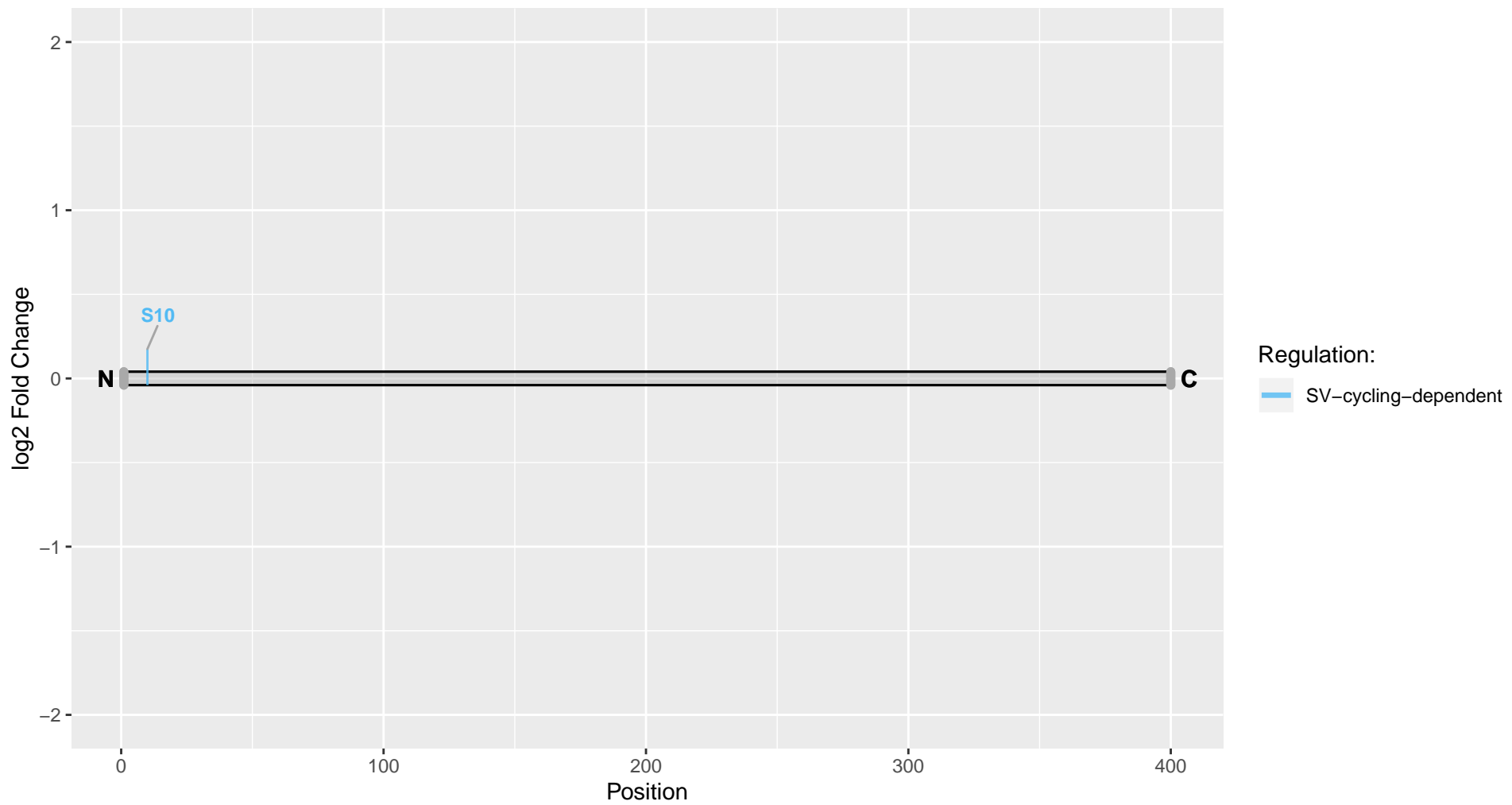
Similar to expressed sequence AI118078 (Predicted)



Tmem43

Uniprot Accession: Q5XIP9

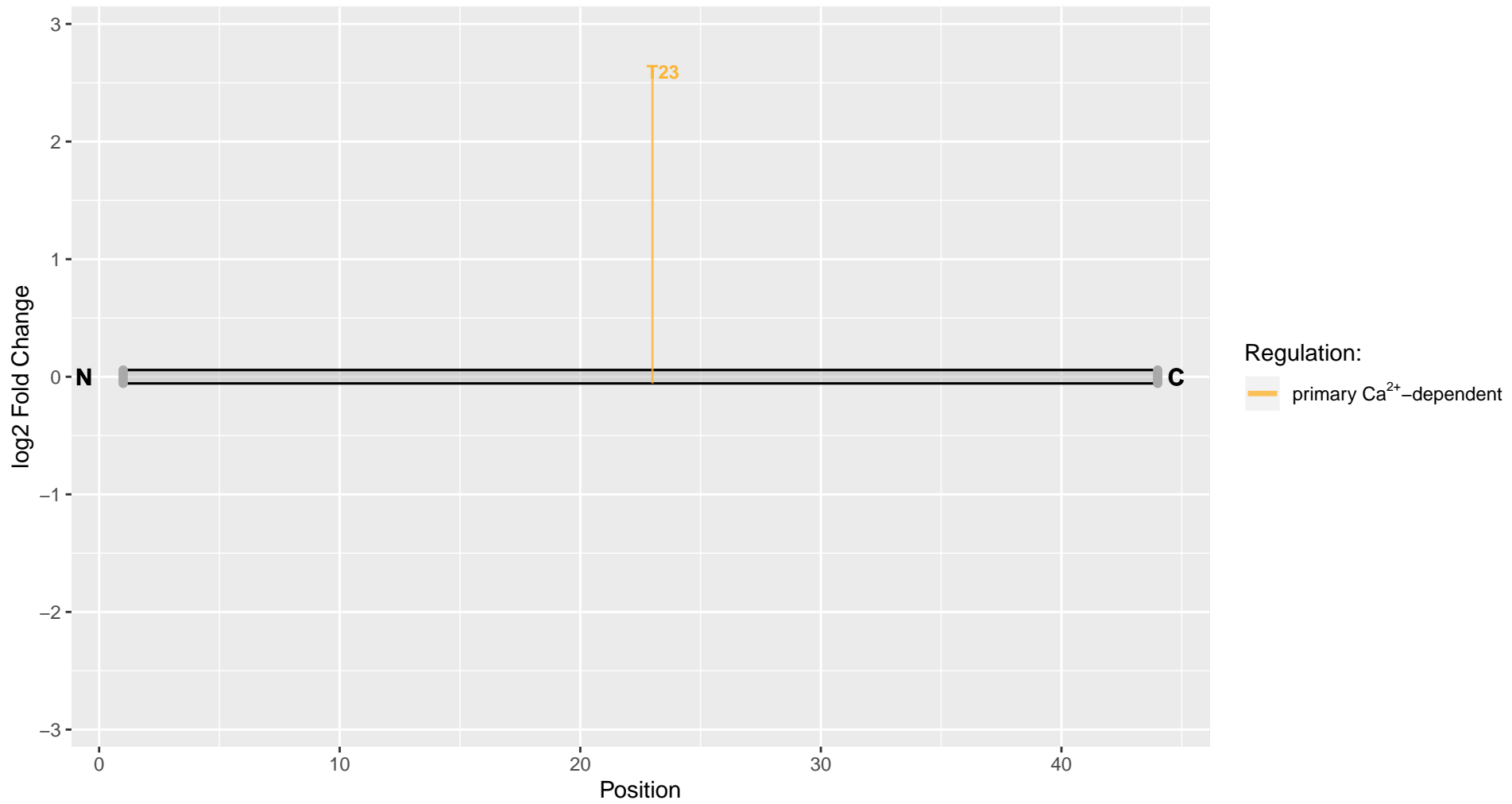
Transmembrane protein 43



Tmsb4x

Uniprot Accession: P62329

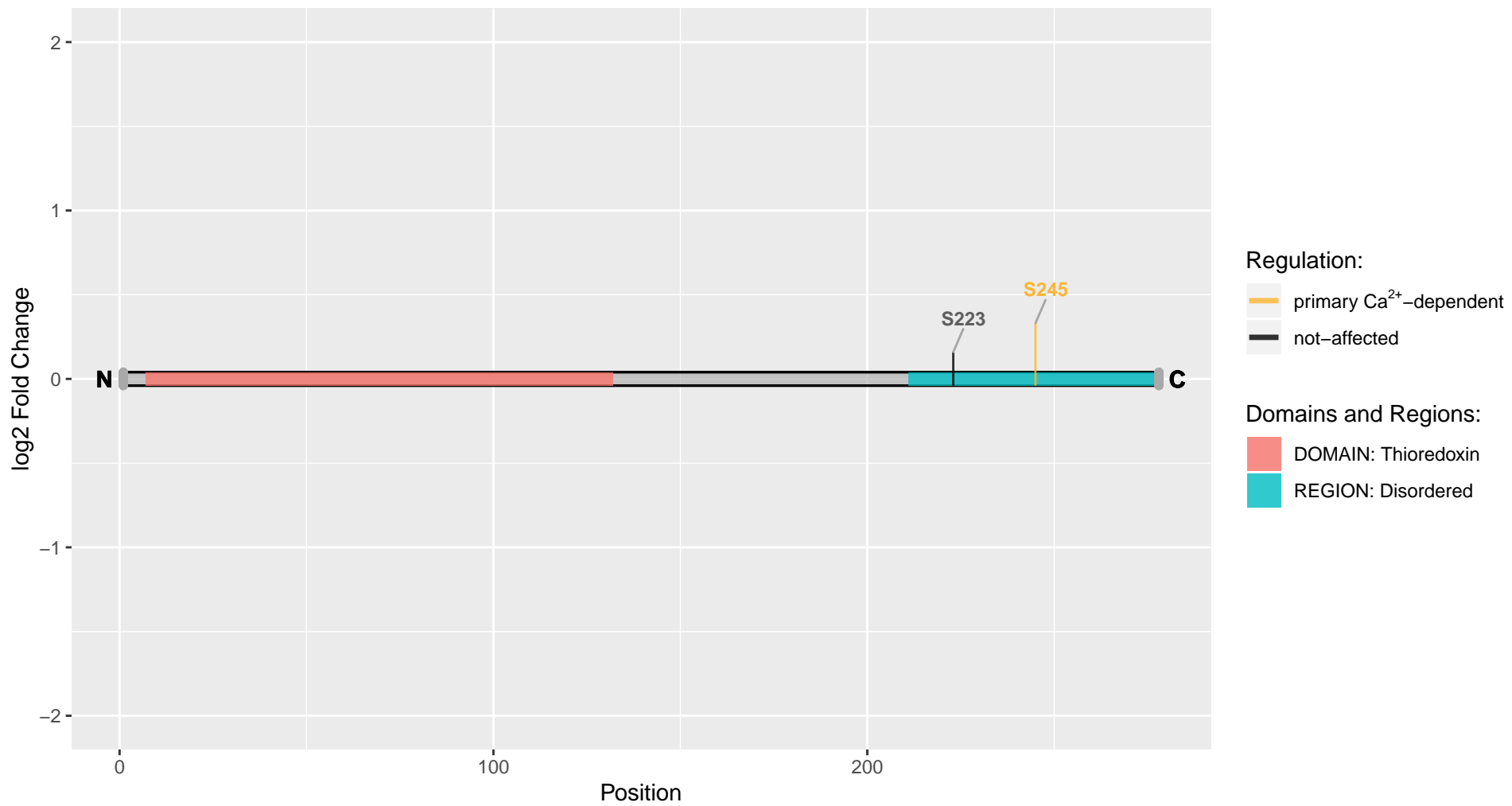
Thymosin beta-4



Tmx1

Uniprot Accession: Q52KJ9

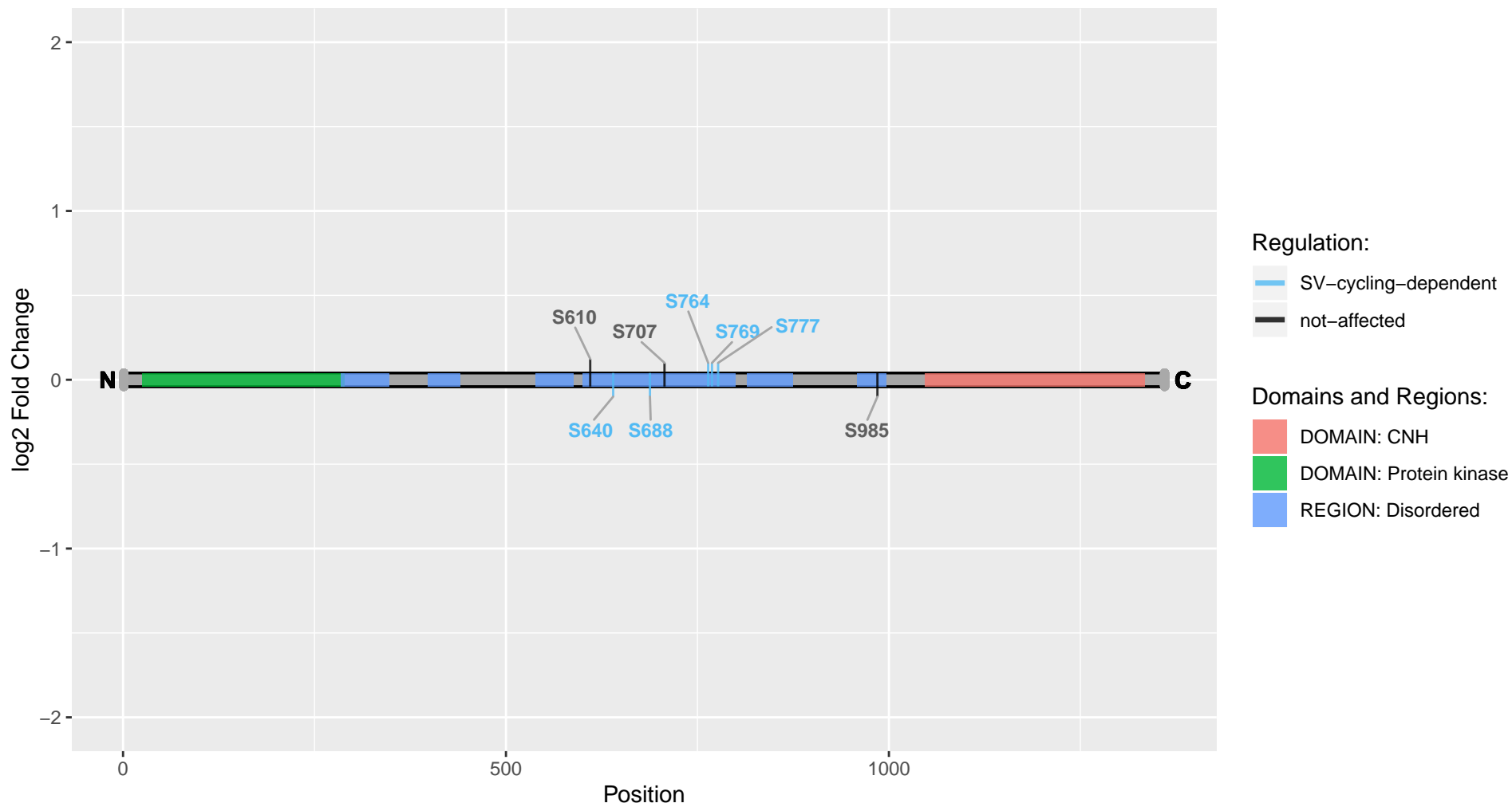
Thioredoxin domain containing 1



Tnik

Uniprot Accession: A0A0G2K490

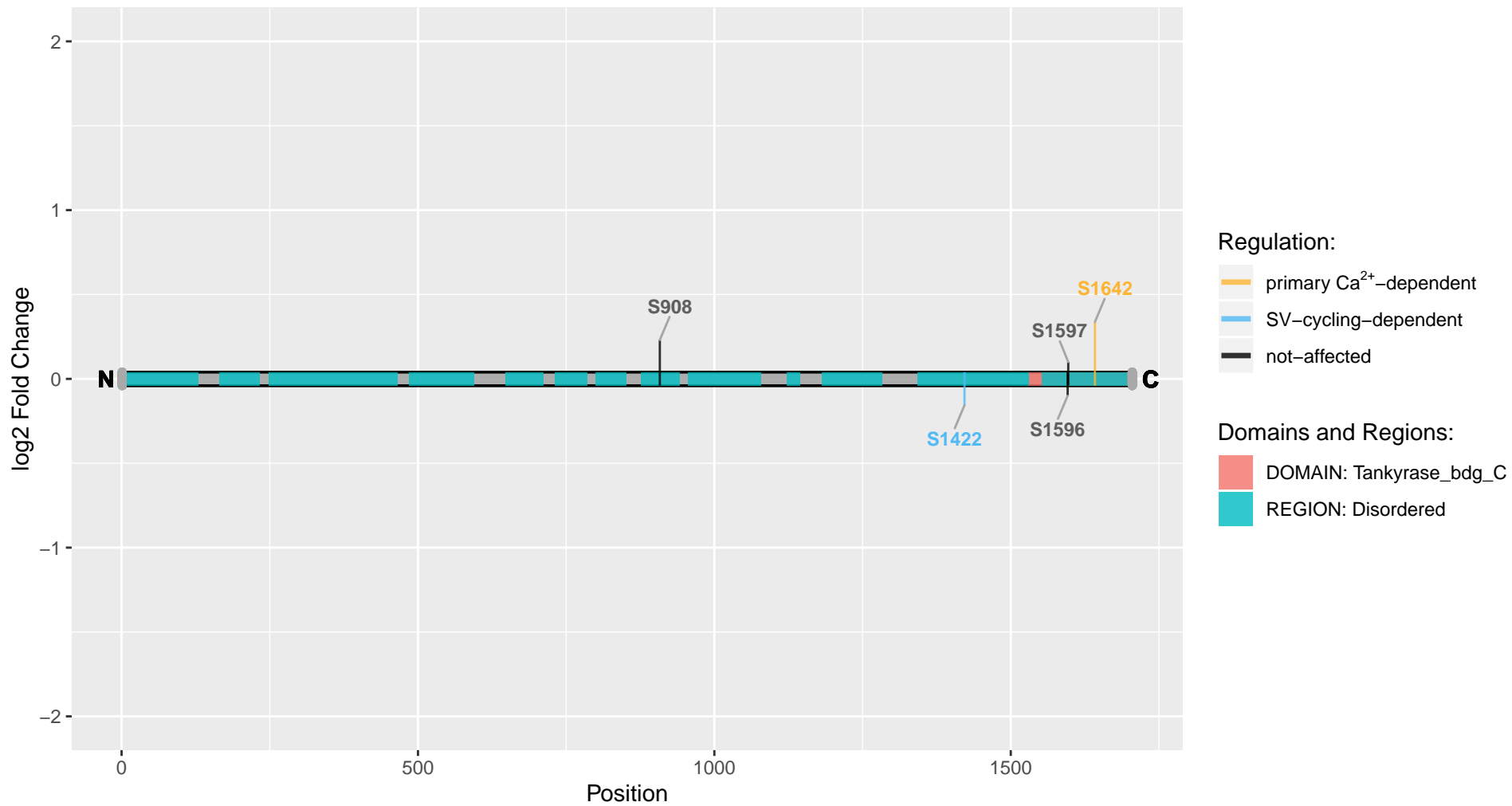
TRAF2 and NCK-interacting kinase



Tnks1bp1

Uniprot Accession: D3ZF26

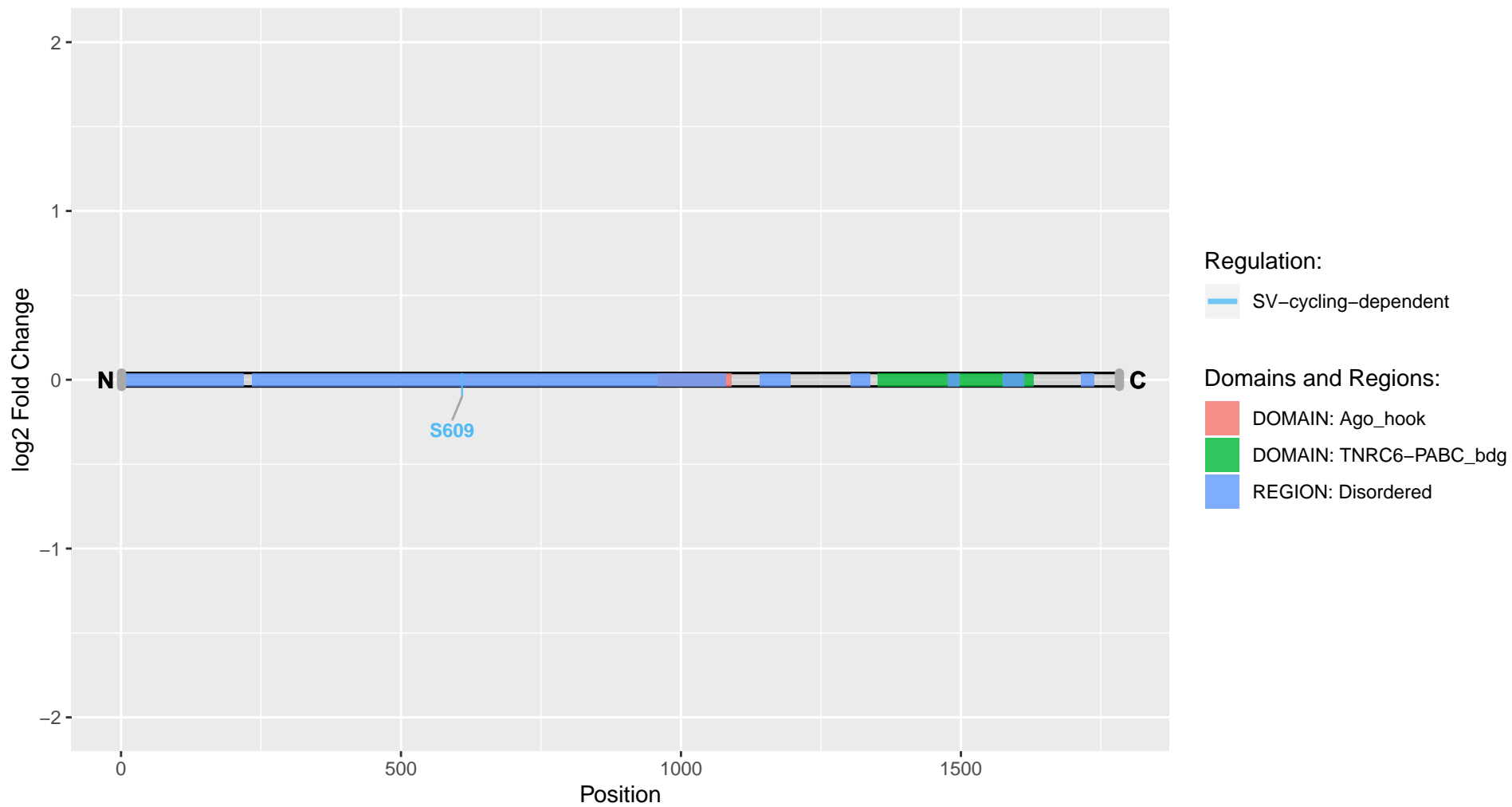
Tankyrase 1-binding protein 1



Tnrc6b

Uniprot Accession: A0A0G2K6R0

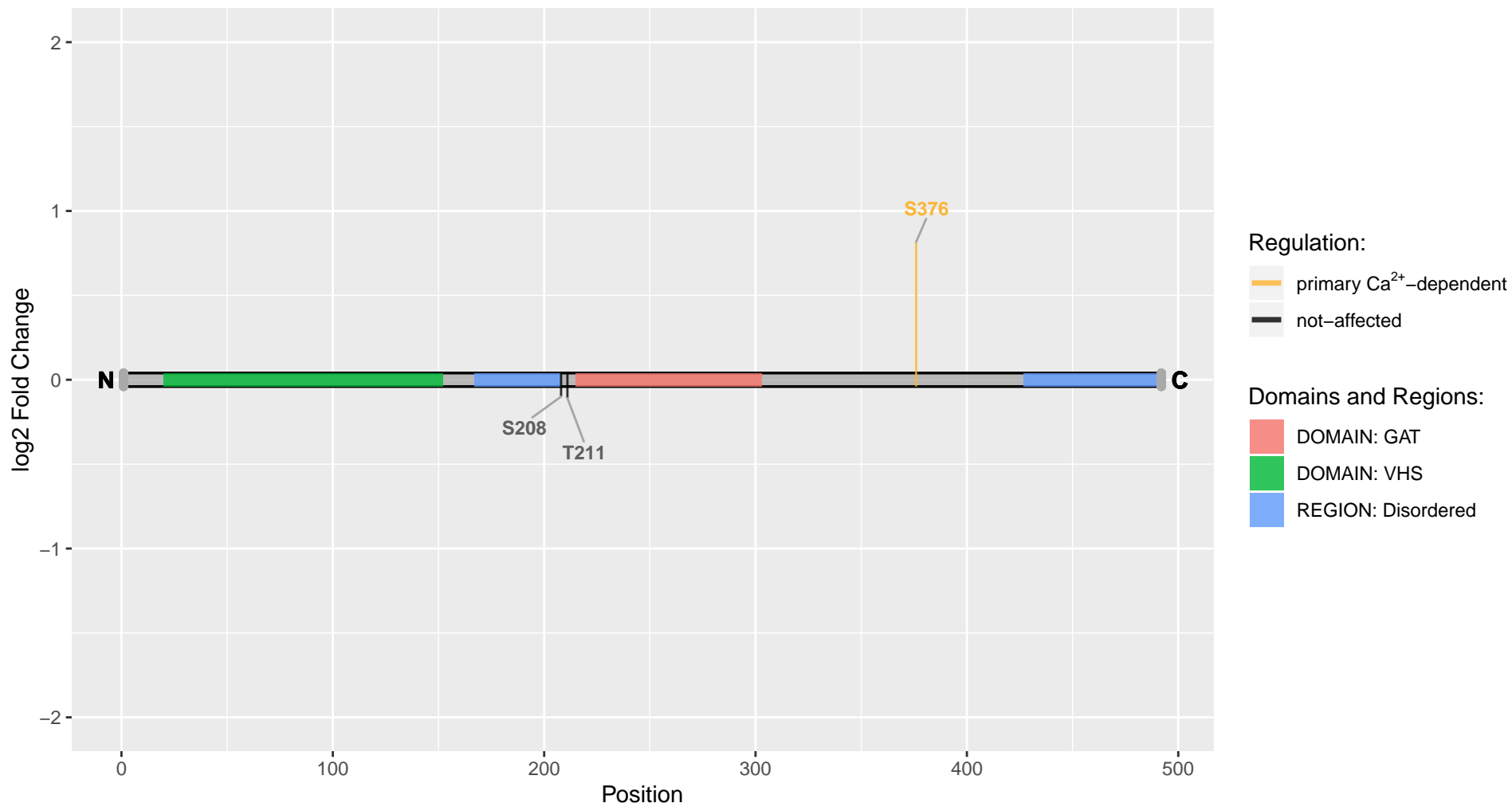
Trinucleotide repeat-containing 6B



Tom1

Uniprot Accession: Q5XI21

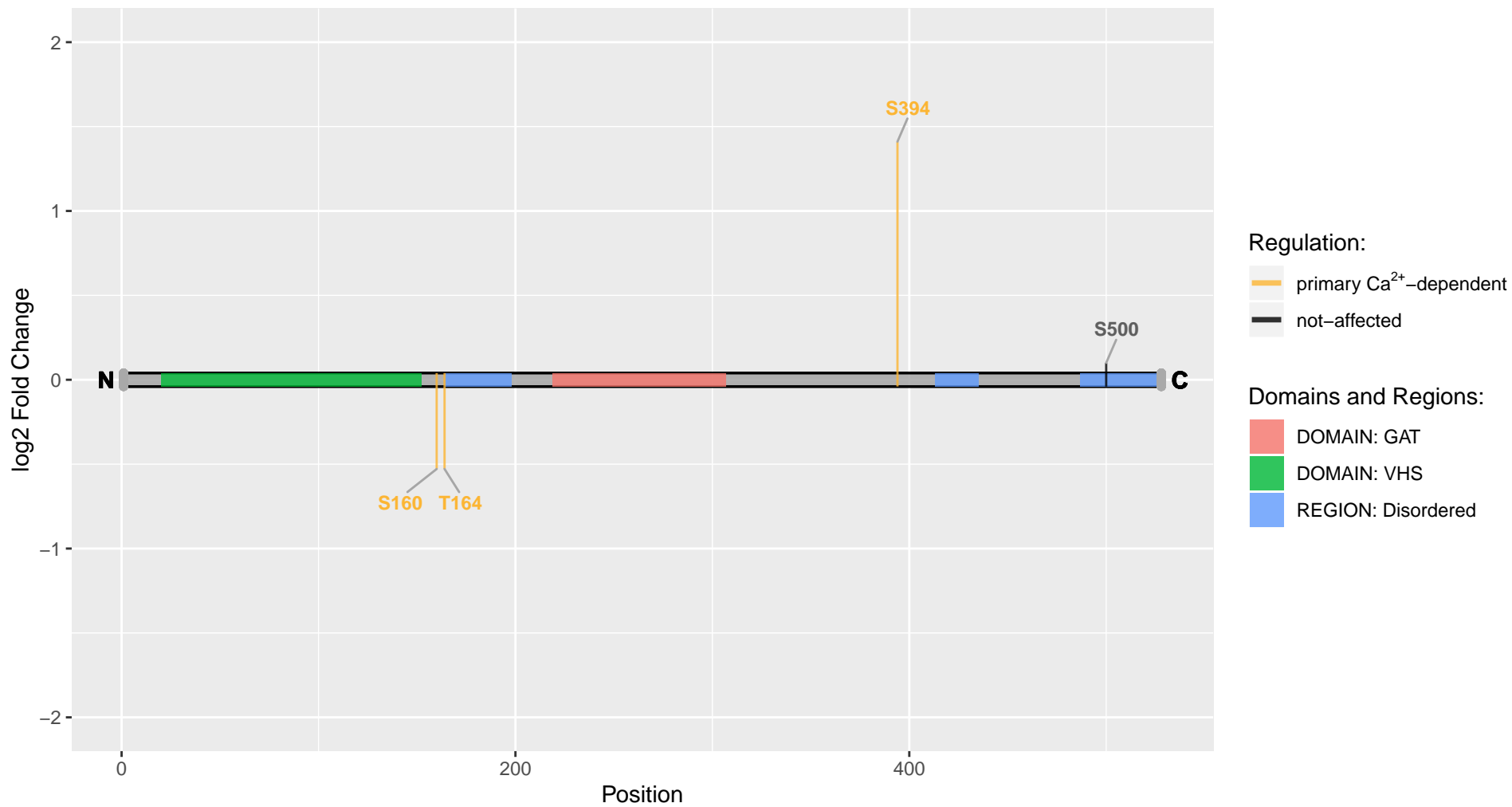
Target of myb1 homolog (Chicken)



Tom112

Uniprot Accession: A0A0G2K9L2

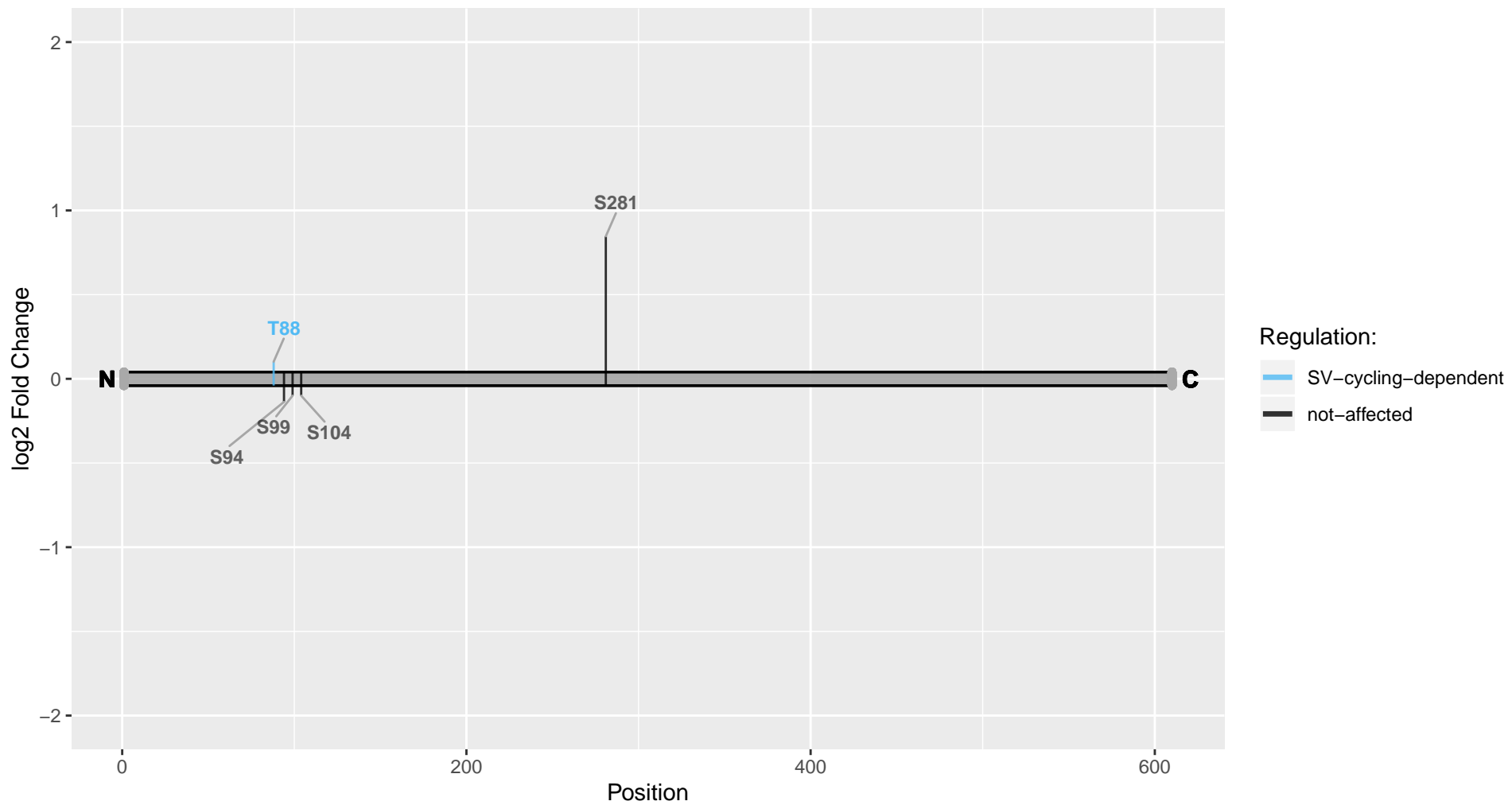
Target of myb1-like 2 membrane-traffic protein



Tomm70

Uniprot Accession: Q75Q39

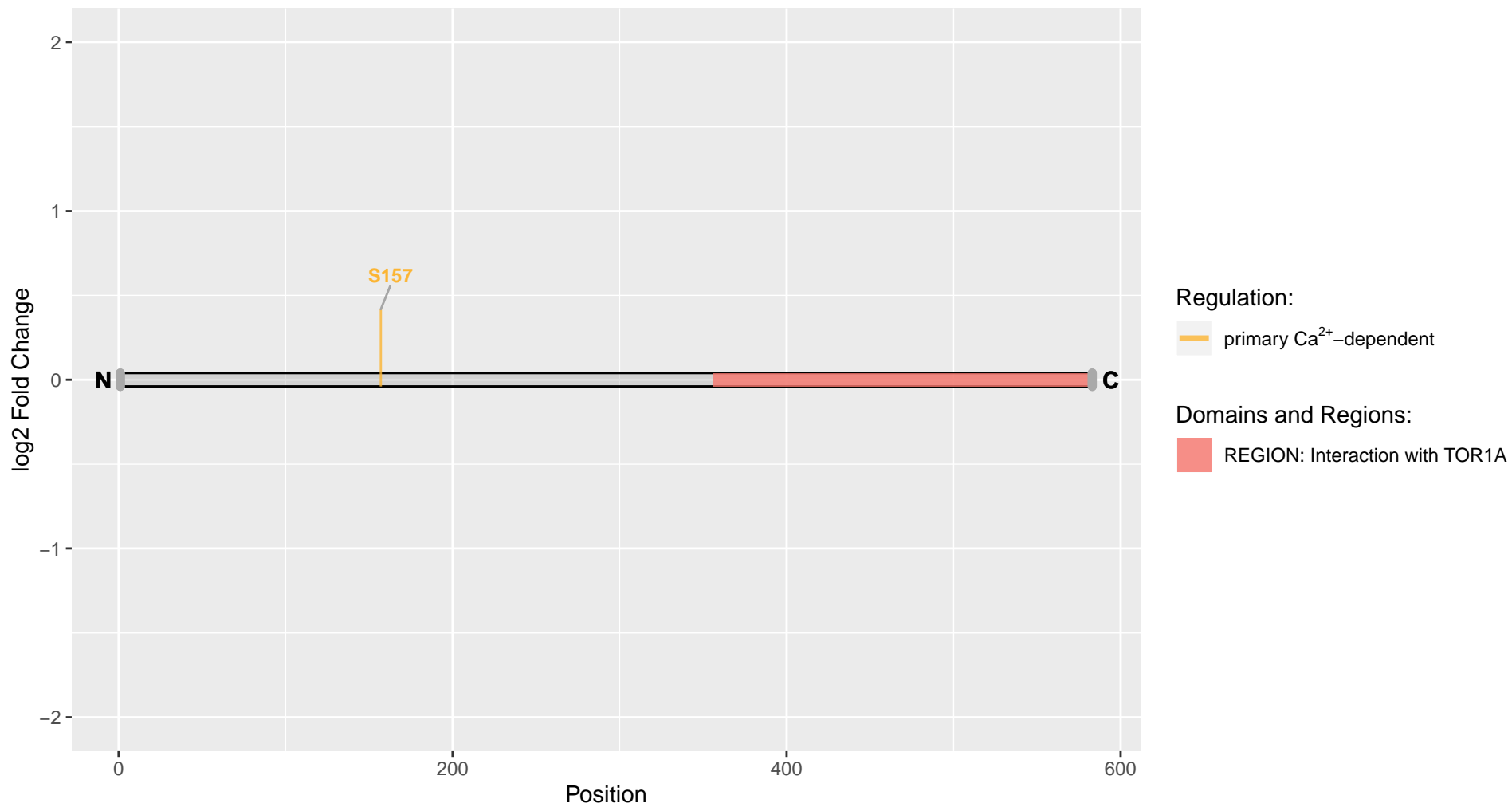
Mitochondrial import receptor subunit TOM70



Tor1aip1

Uniprot Accession: Q5PQX1

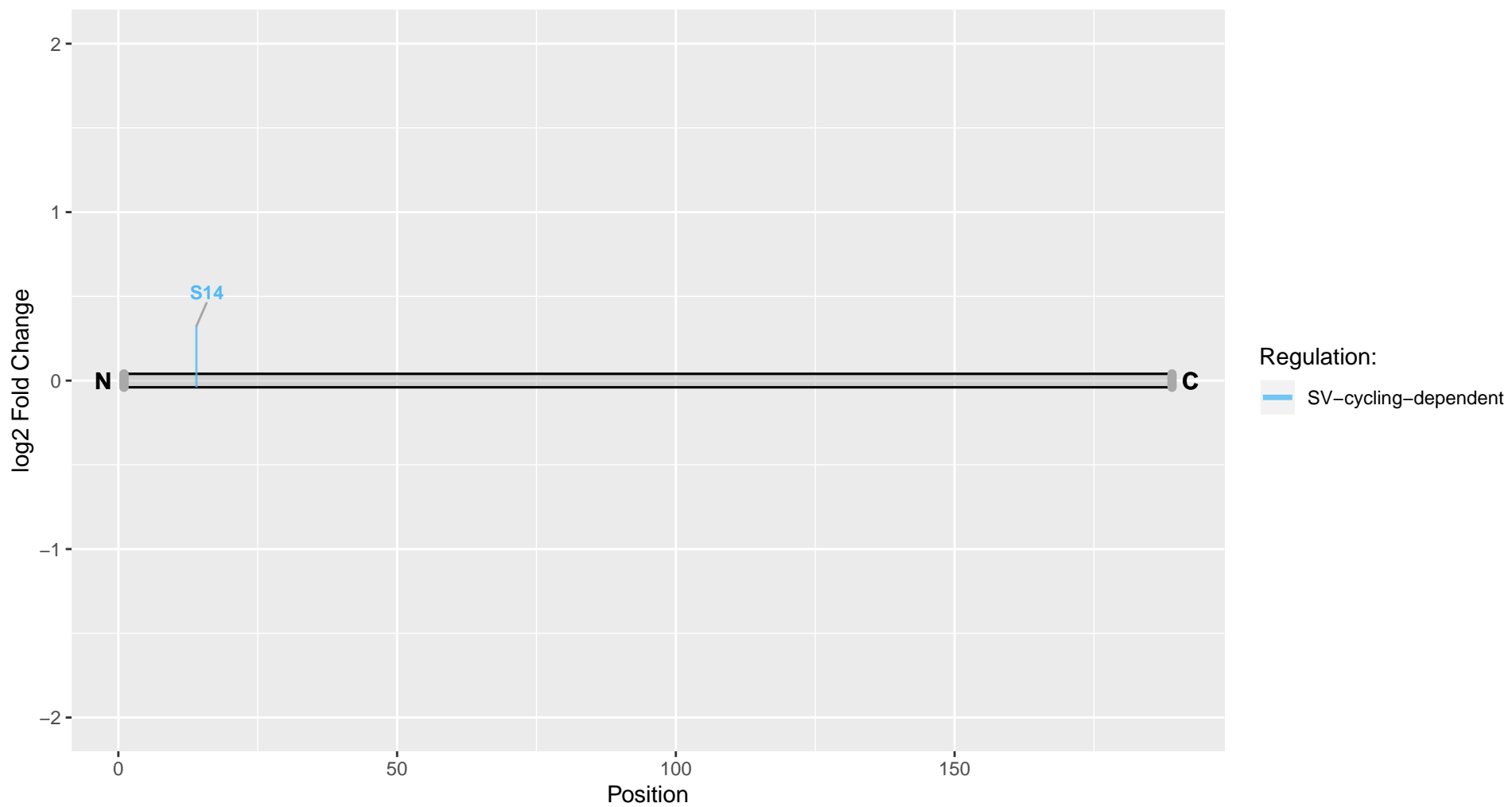
Torsin-1A-interacting protein 1



Tp53i11

Uniprot Accession: B3DMA0

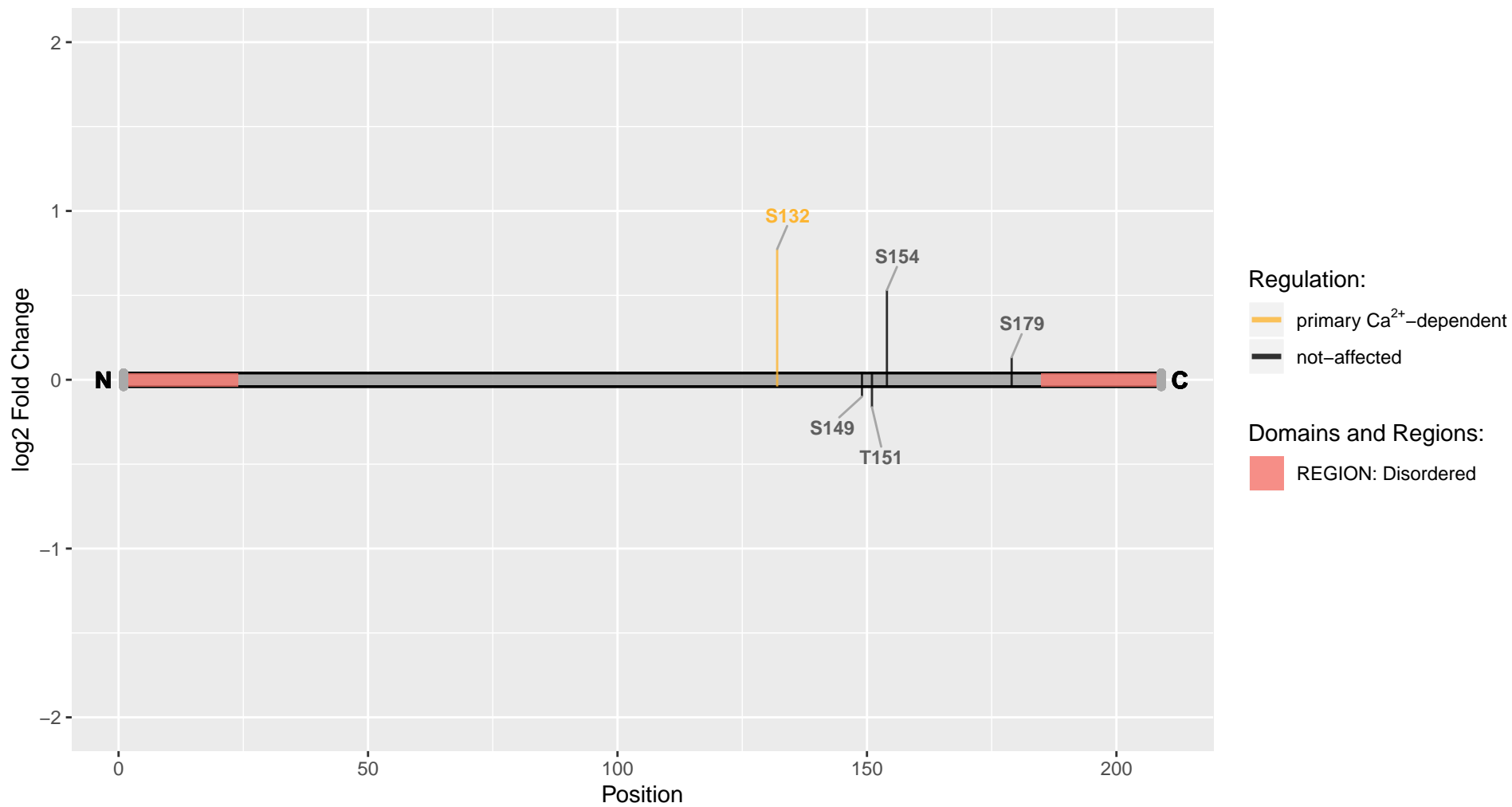
Tumor protein p53-inducible protein 11



Tpd5211

Uniprot Accession: A0A0G2K8M7

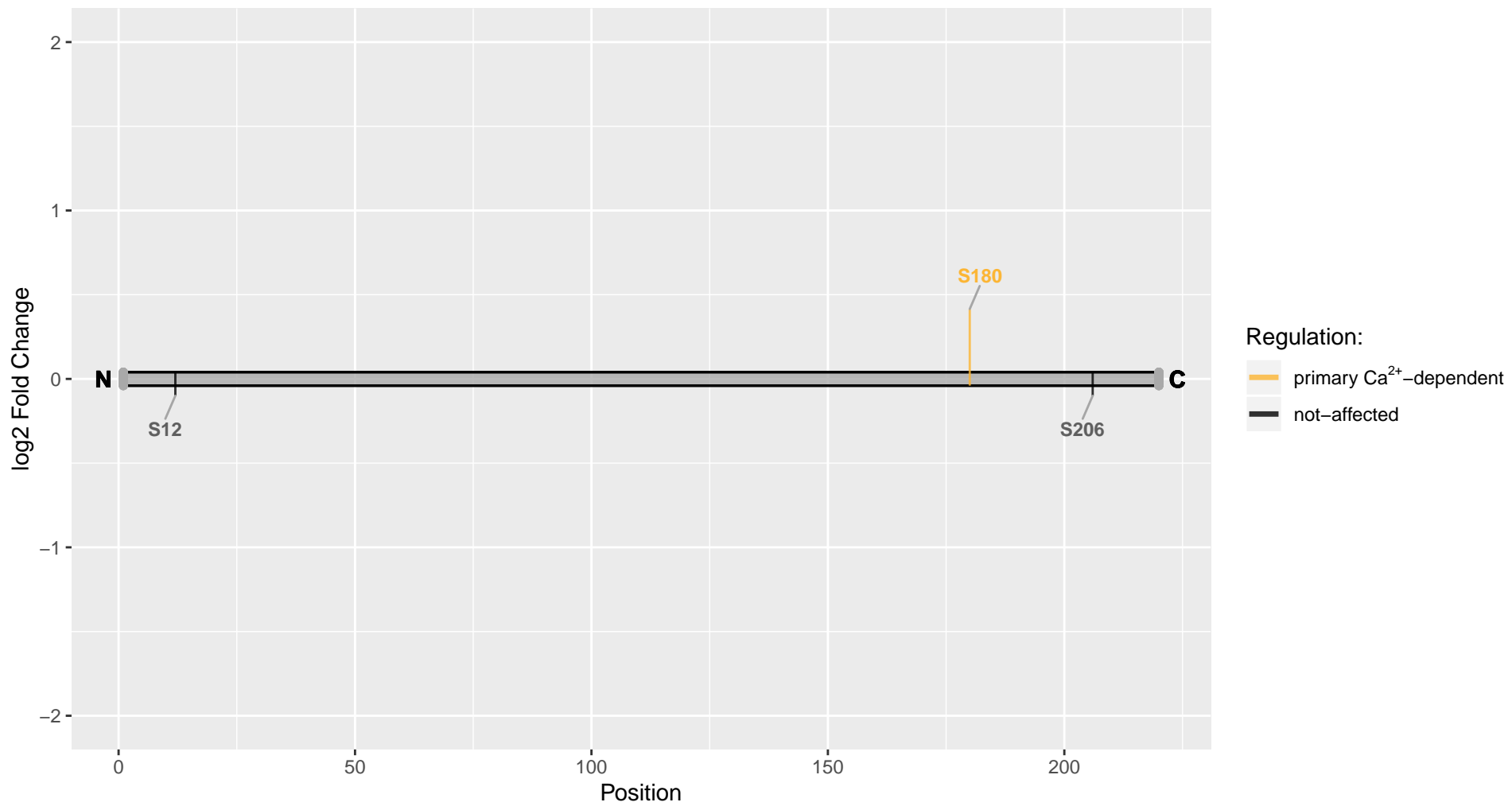
TPD52-like 1



Tpd52l2

Uniprot Accession: Q6PCT3

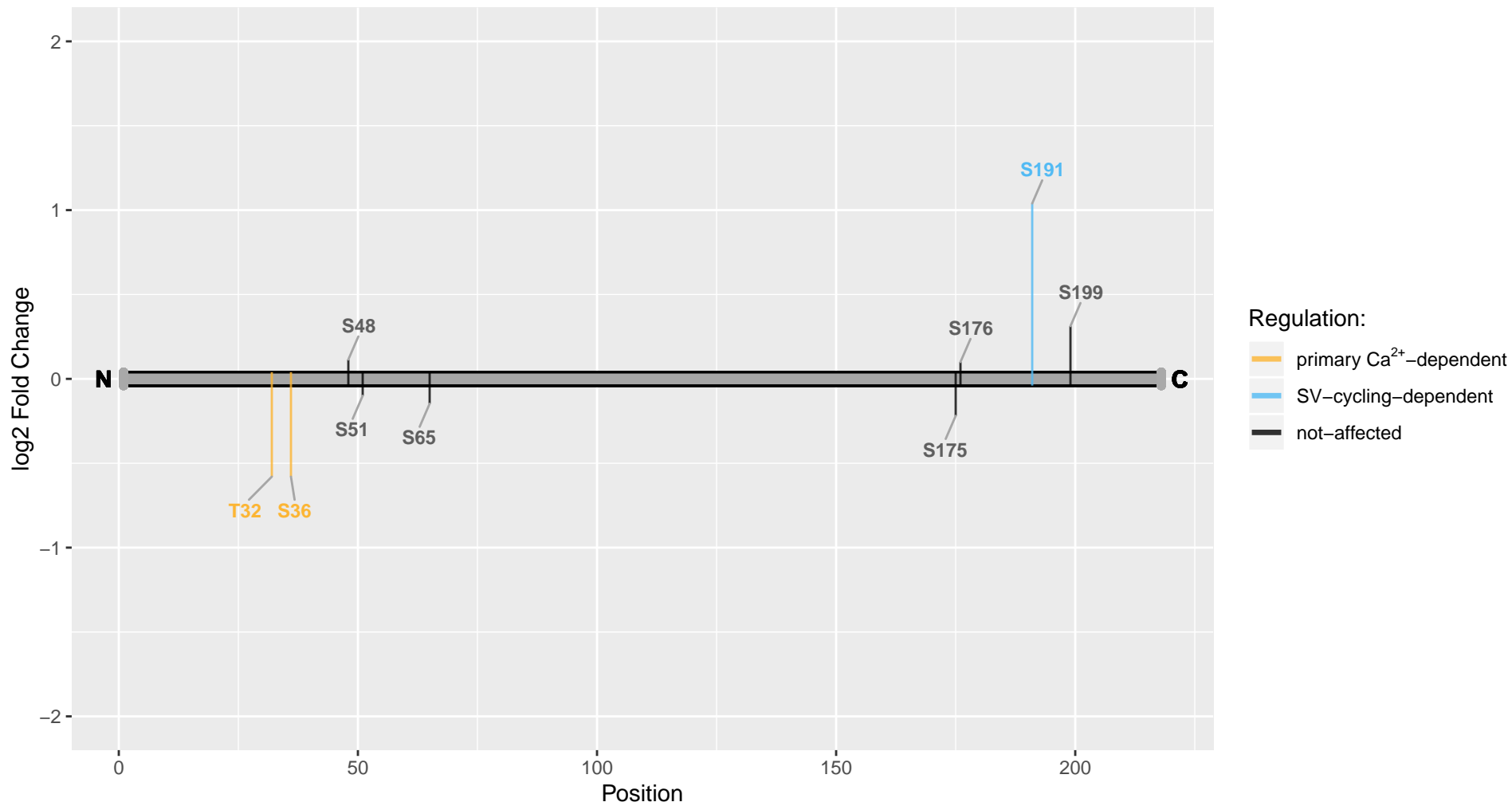
Tumor protein D54



Tppp

Uniprot Accession: A0A0G2K2D6

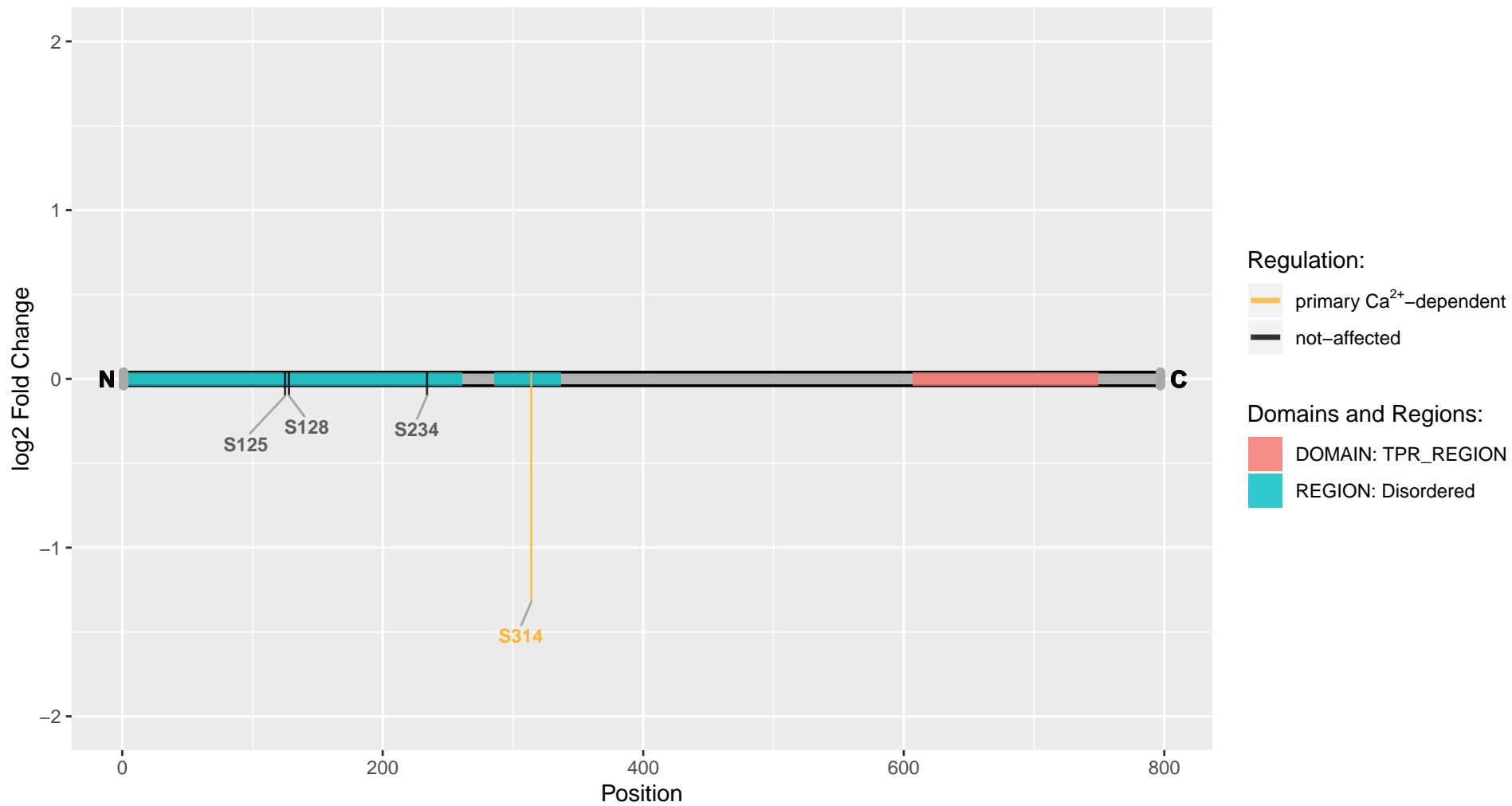
Tubulin polymerization-promoting protein



Trappc12

Uniprot Accession: D3ZE49

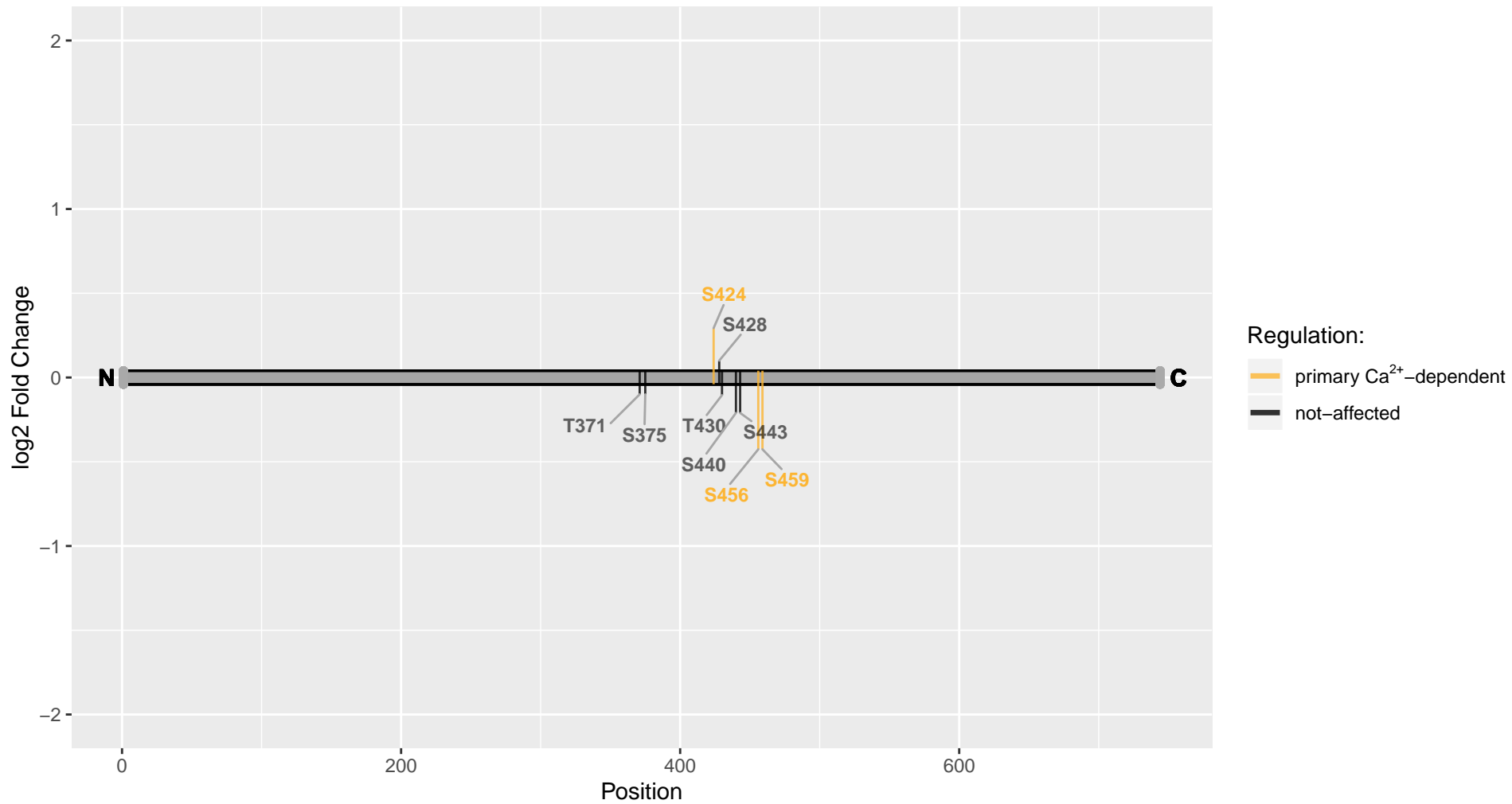
Trafficking protein particle complex 12



Trim2

Uniprot Accession: D3ZQG6

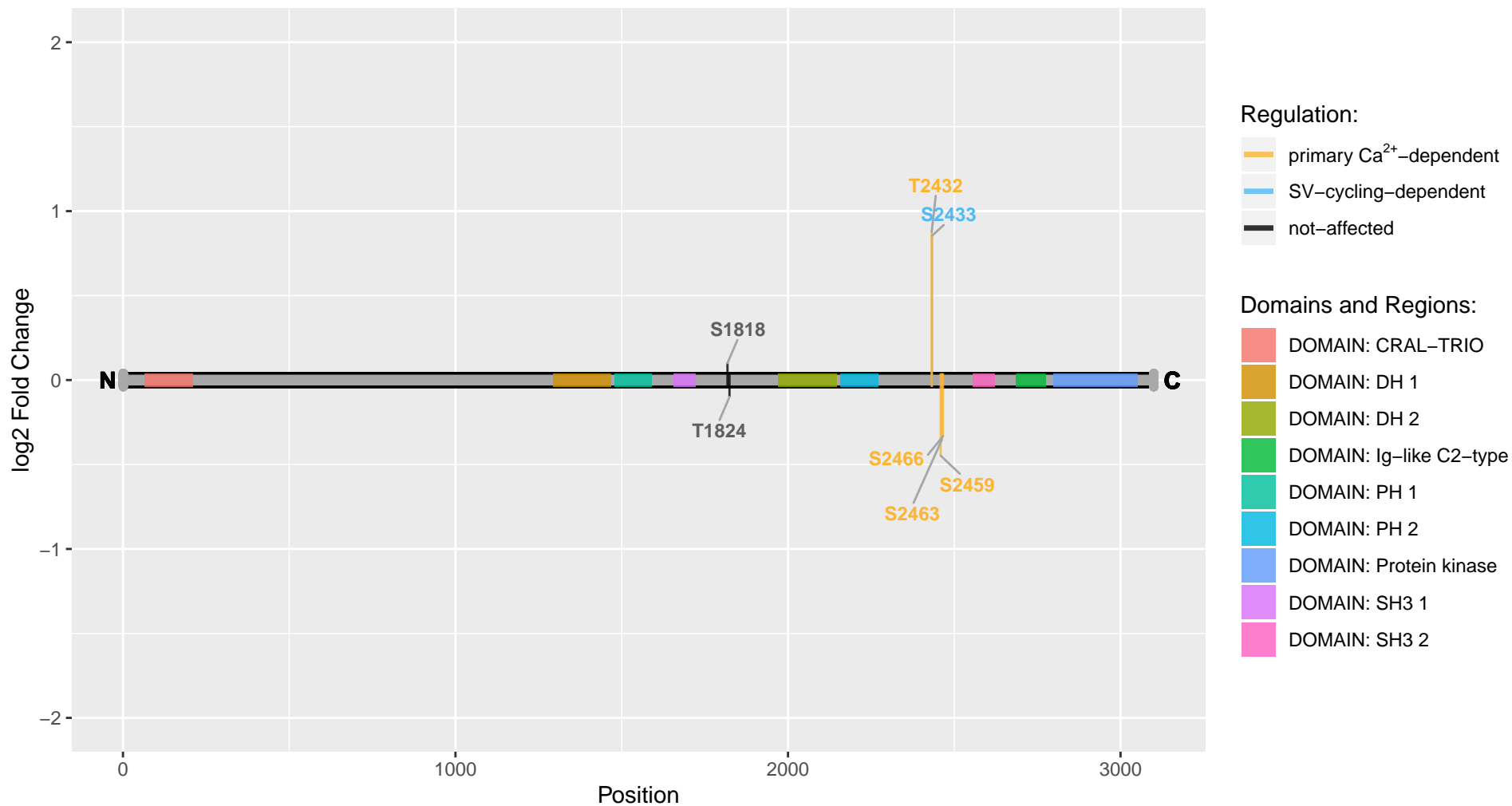
Tripartite motif-containing protein 2



Trio

Uniprot Accession: F1M0Z1

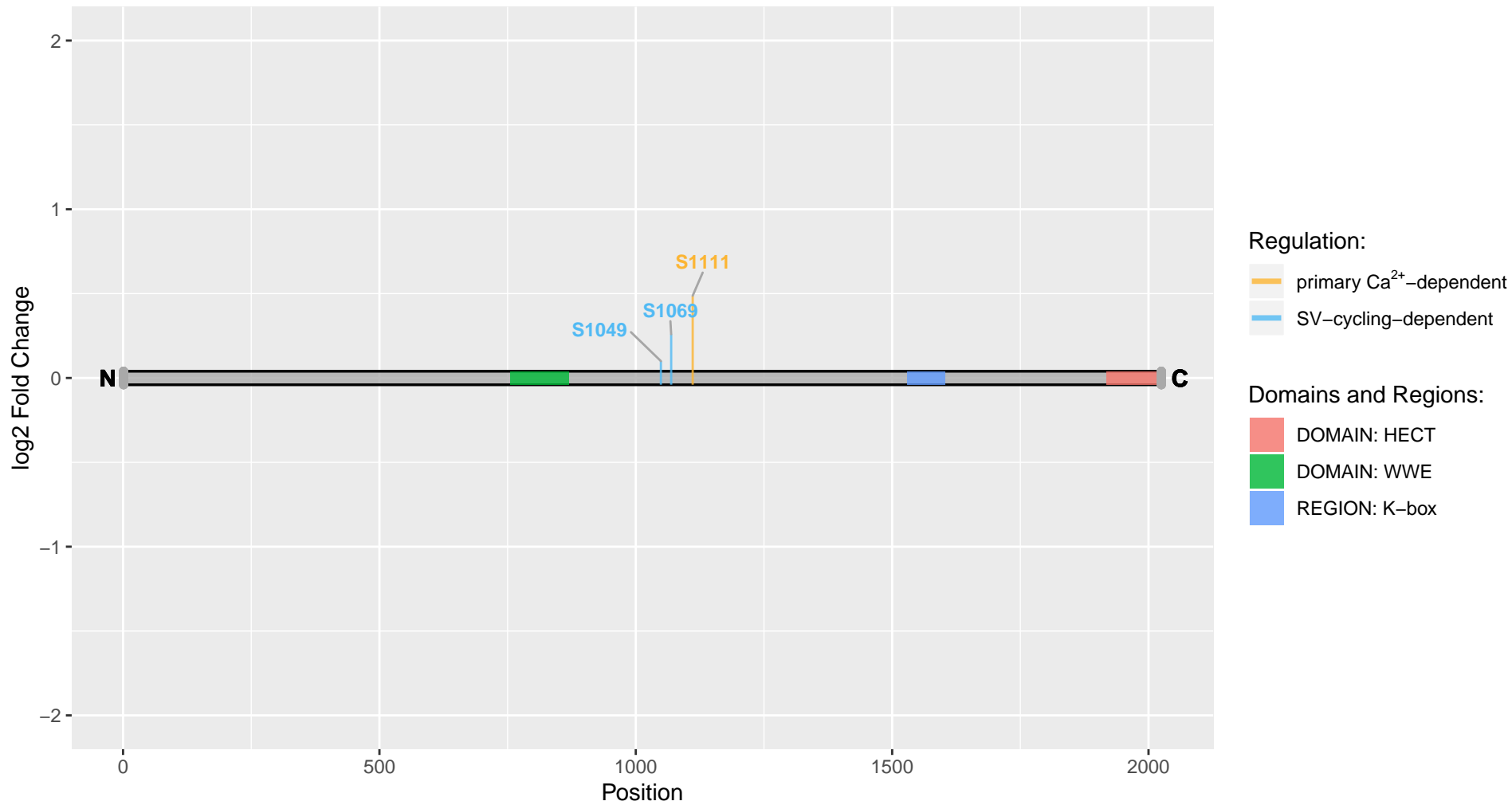
Triple functional domain protein



Trip12

Uniprot Accession: F1LP64

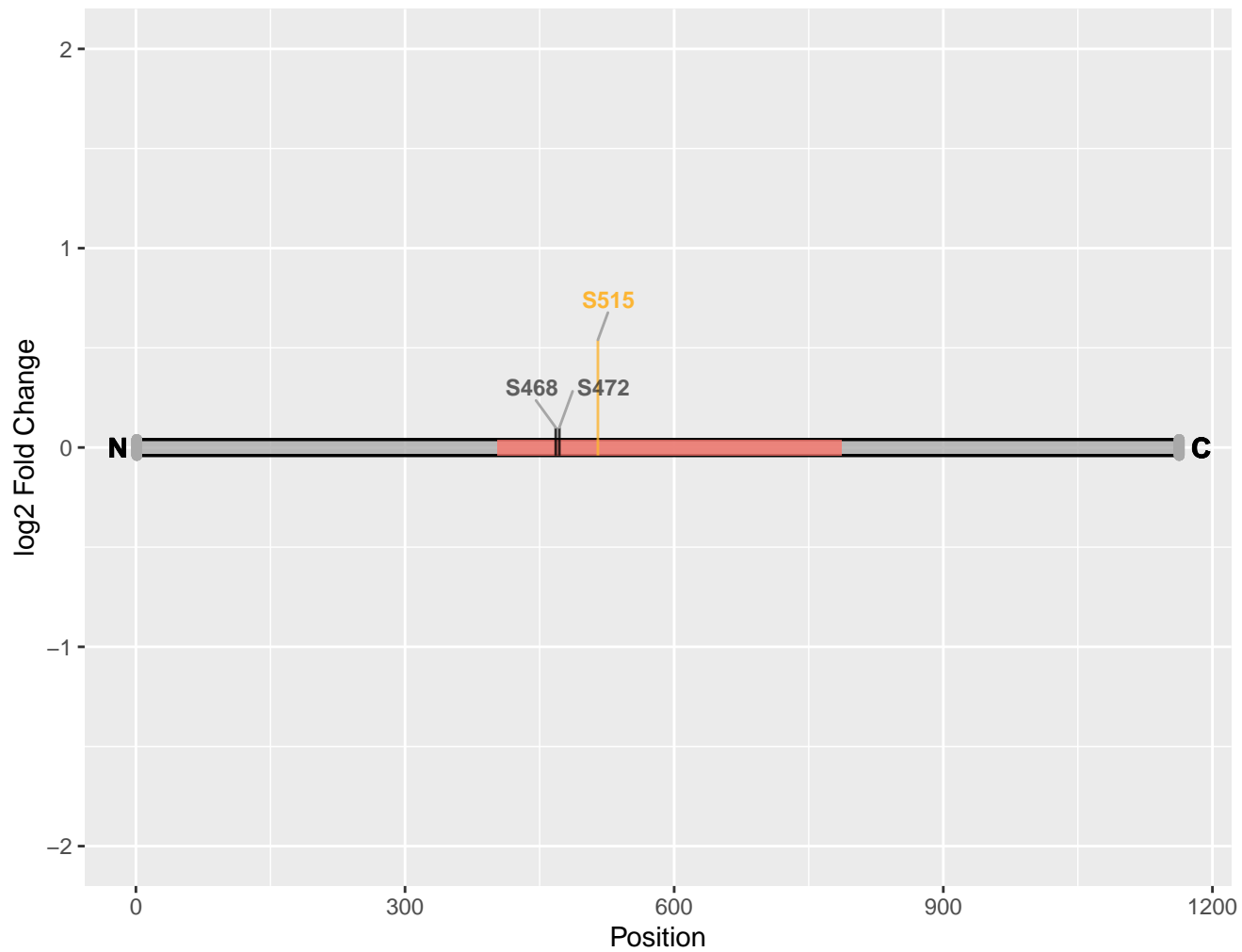
E3 ubiquitin-protein ligase TRIP12





Tsc1

Uniprot Accession: Q9Z136


Hamartin



Regulation:

-  primary Ca²⁺-dependent
-  not-affected

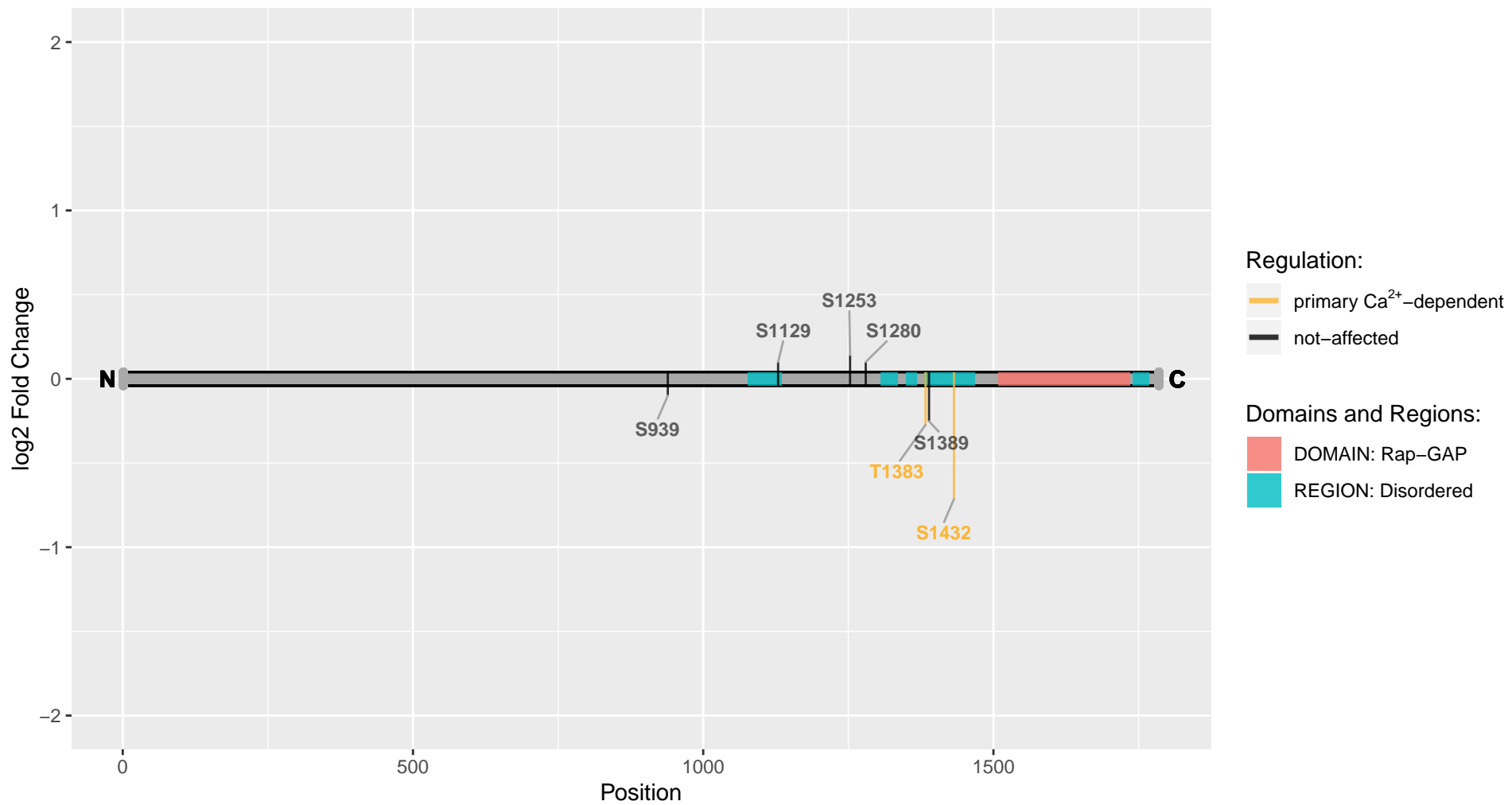
Domains and Regions:

-  REGION: Mediates interaction with WDR45B

Tsc2

Uniprot Accession: D3ZLW4

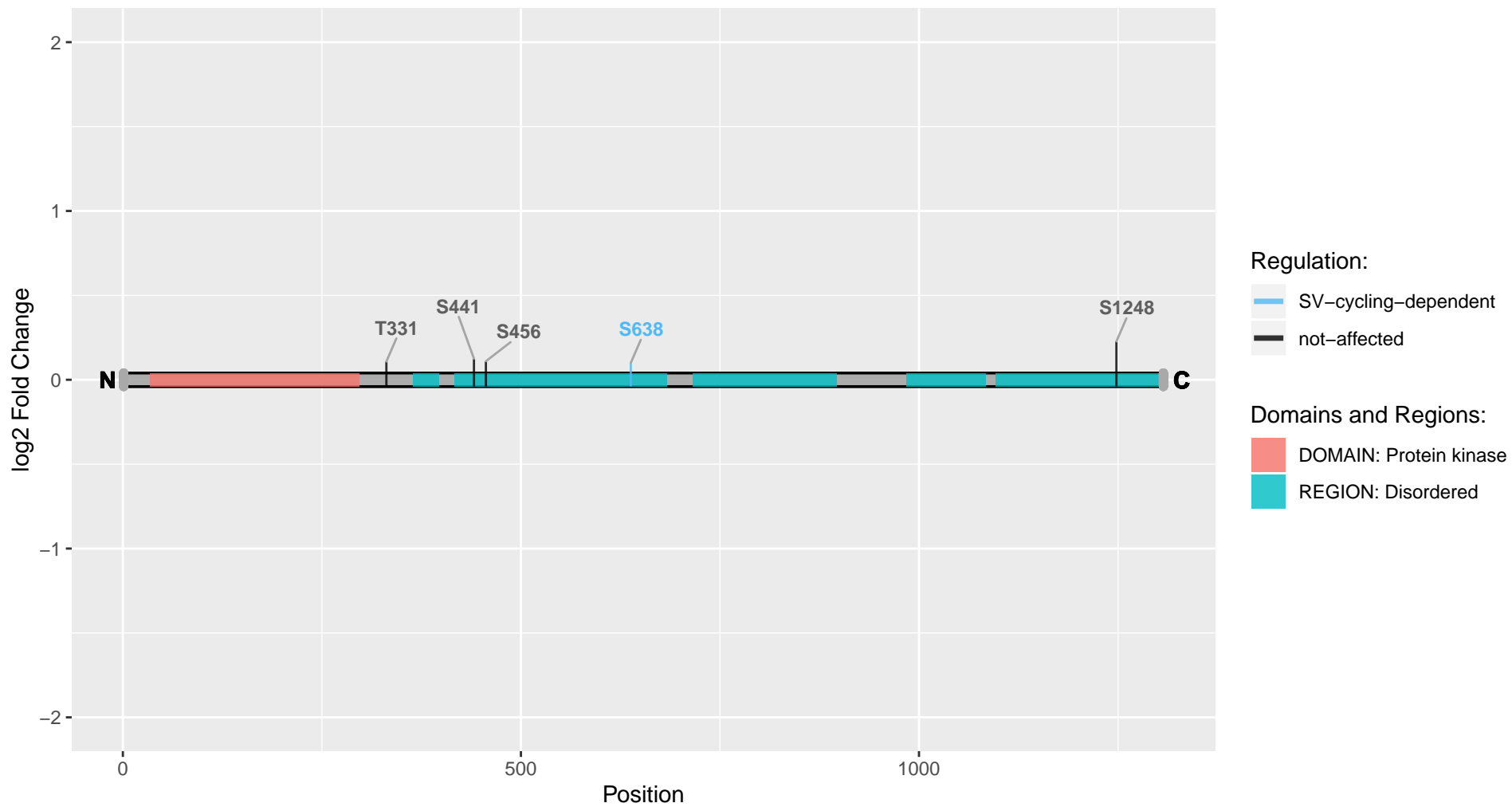
Tuberin



Tbk1

Uniprot Accession: D3ZAU7

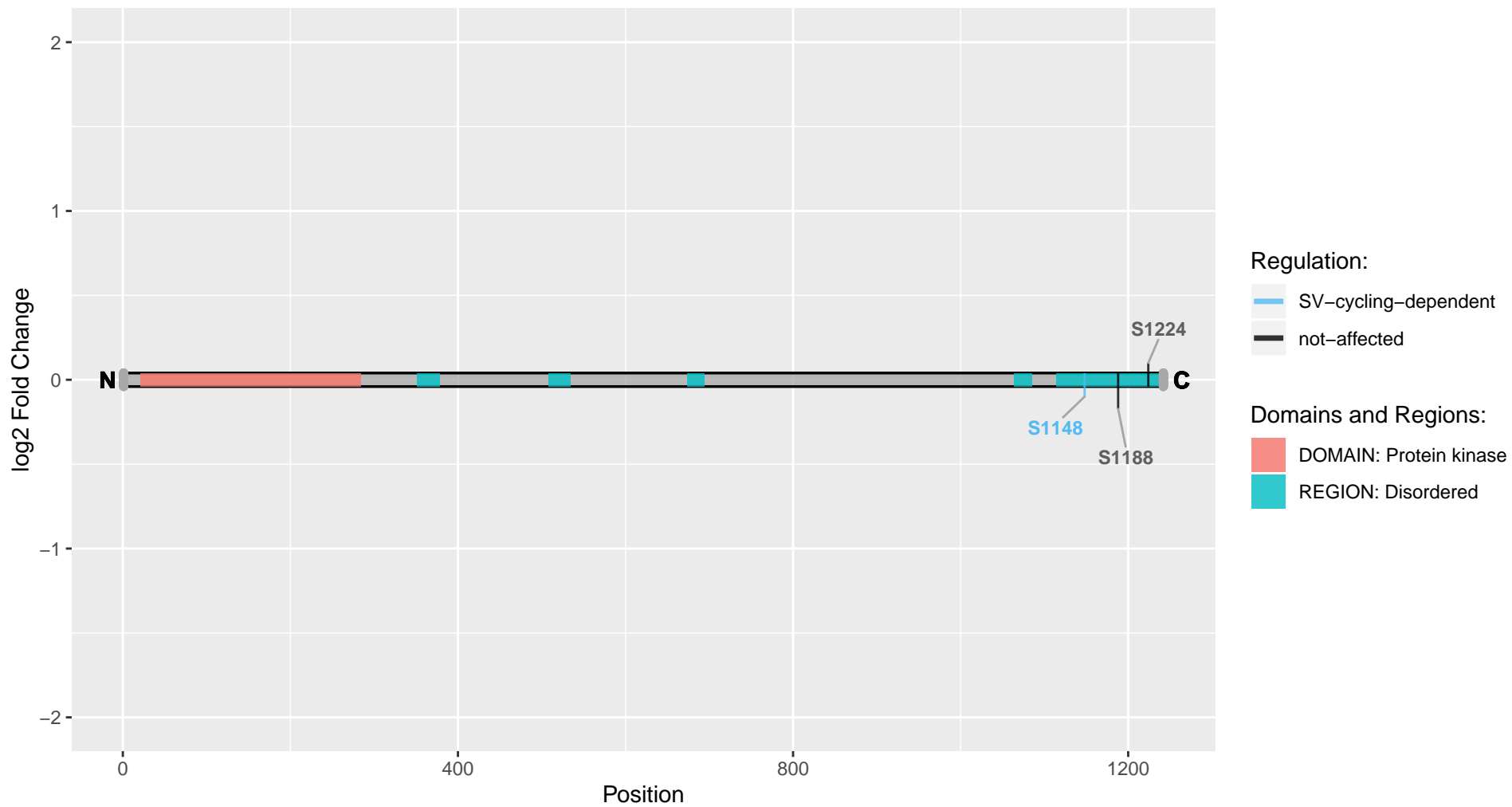
Tau tubulin kinase 1



Tbk2

Uniprot Accession: A0A0G2JYZ1

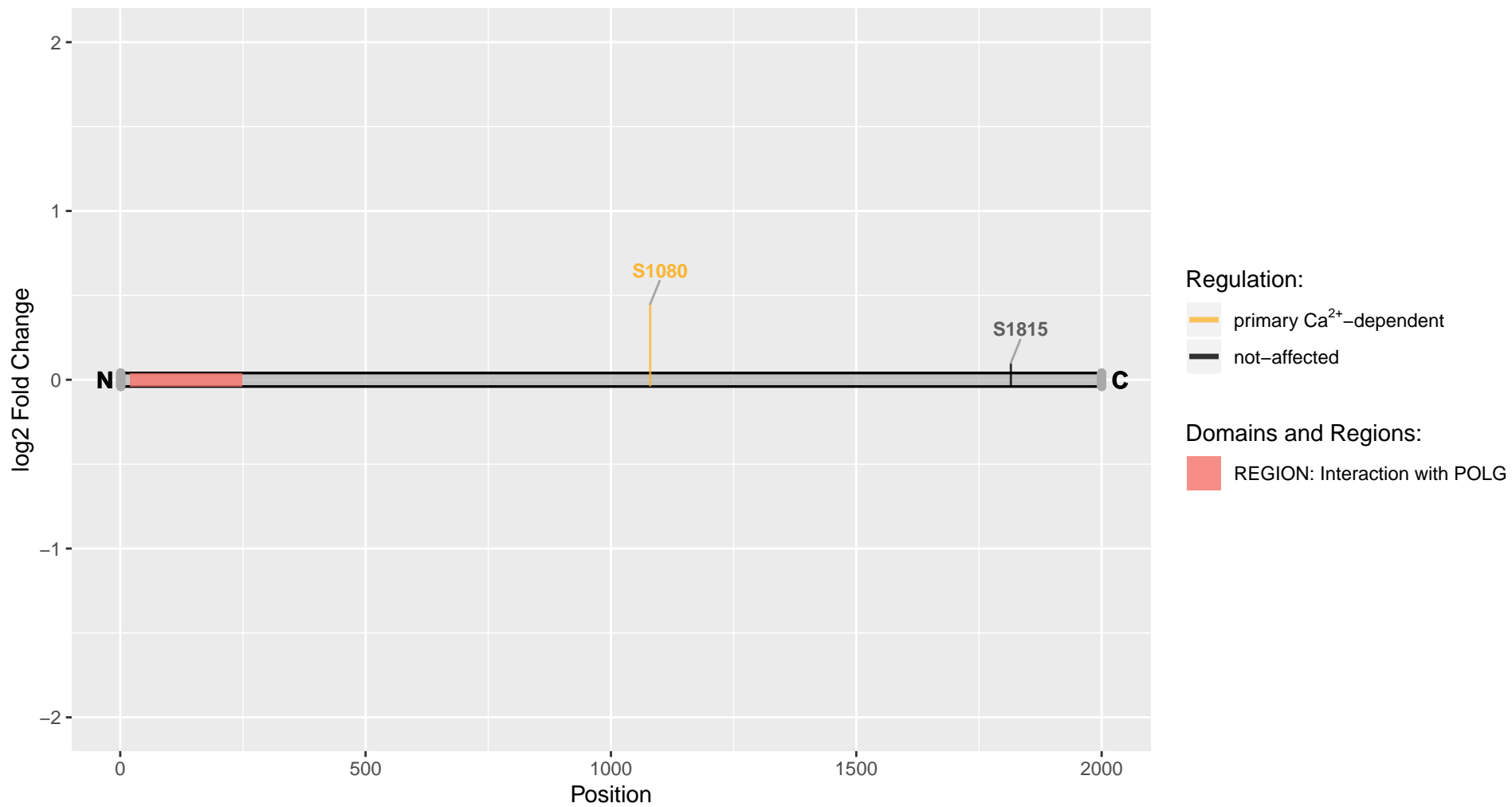
Tau tubulin kinase 2



Ttc3

Uniprot Accession: D3ZSP7

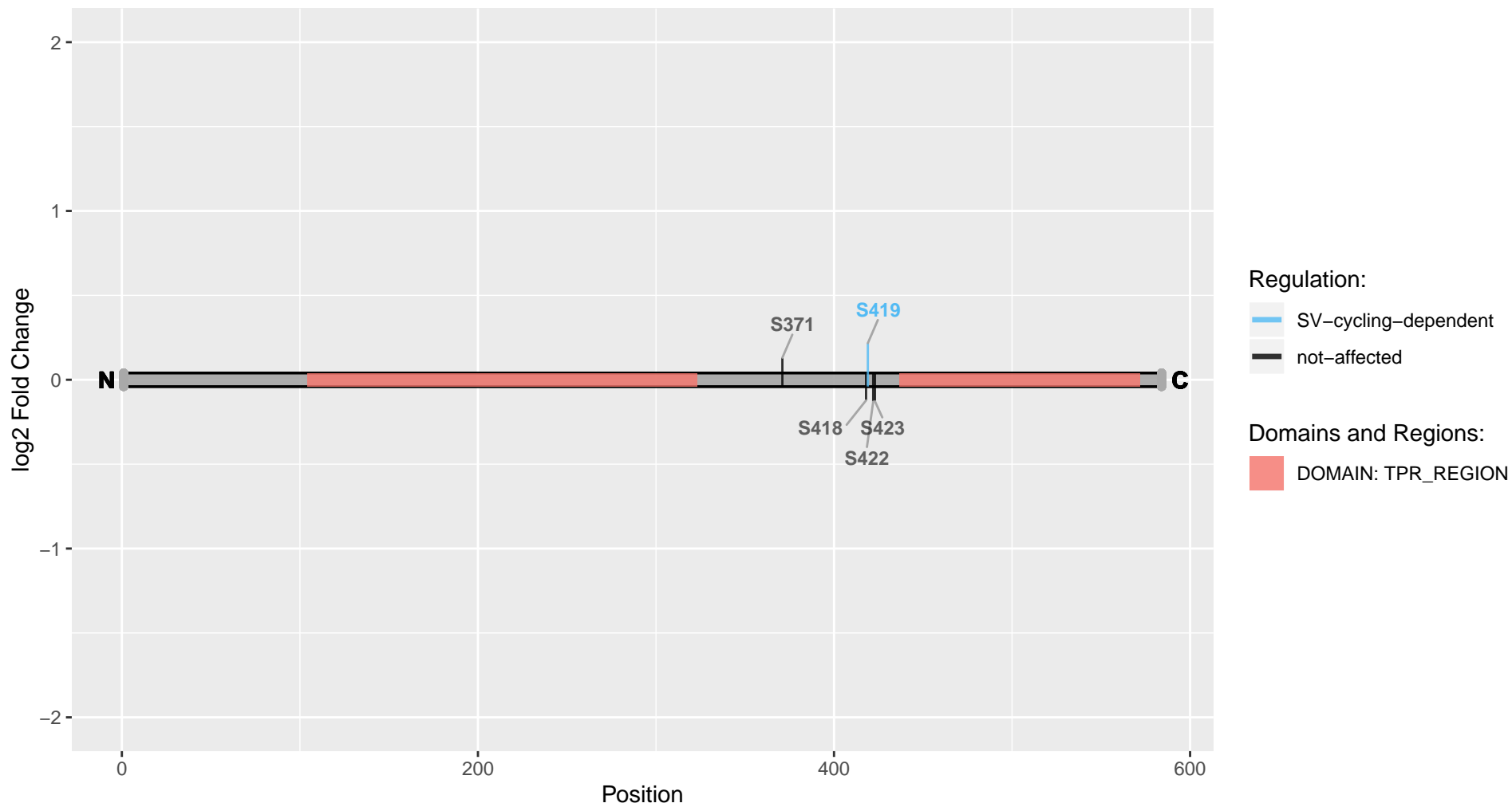
Tetratricopeptide repeat domain 3



Ttc7b

Uniprot Accession: A0A0G2JXJ6

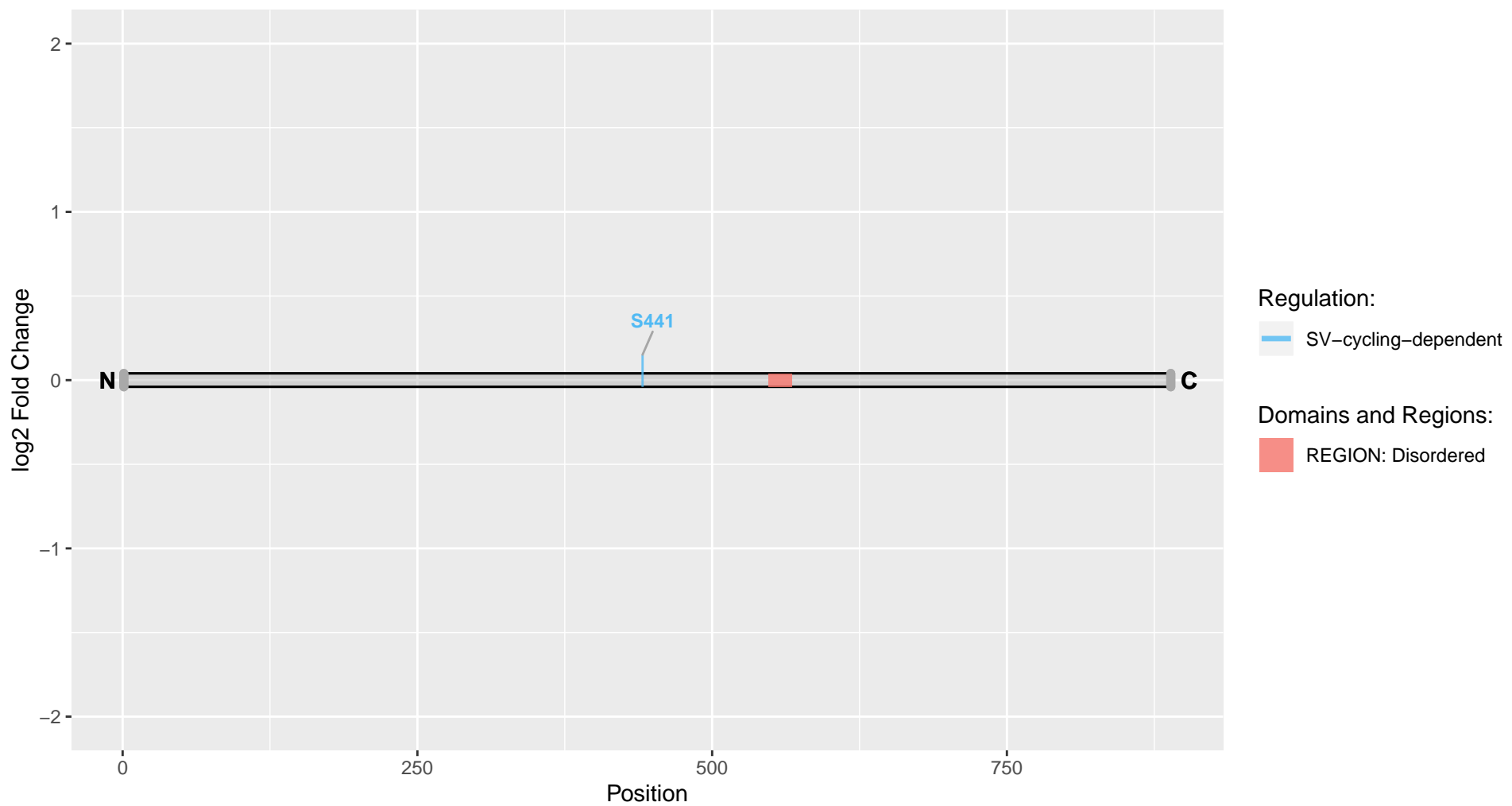
Tetratricopeptide repeat domain 7B



Ttll7

Uniprot Accession: D4ACG4

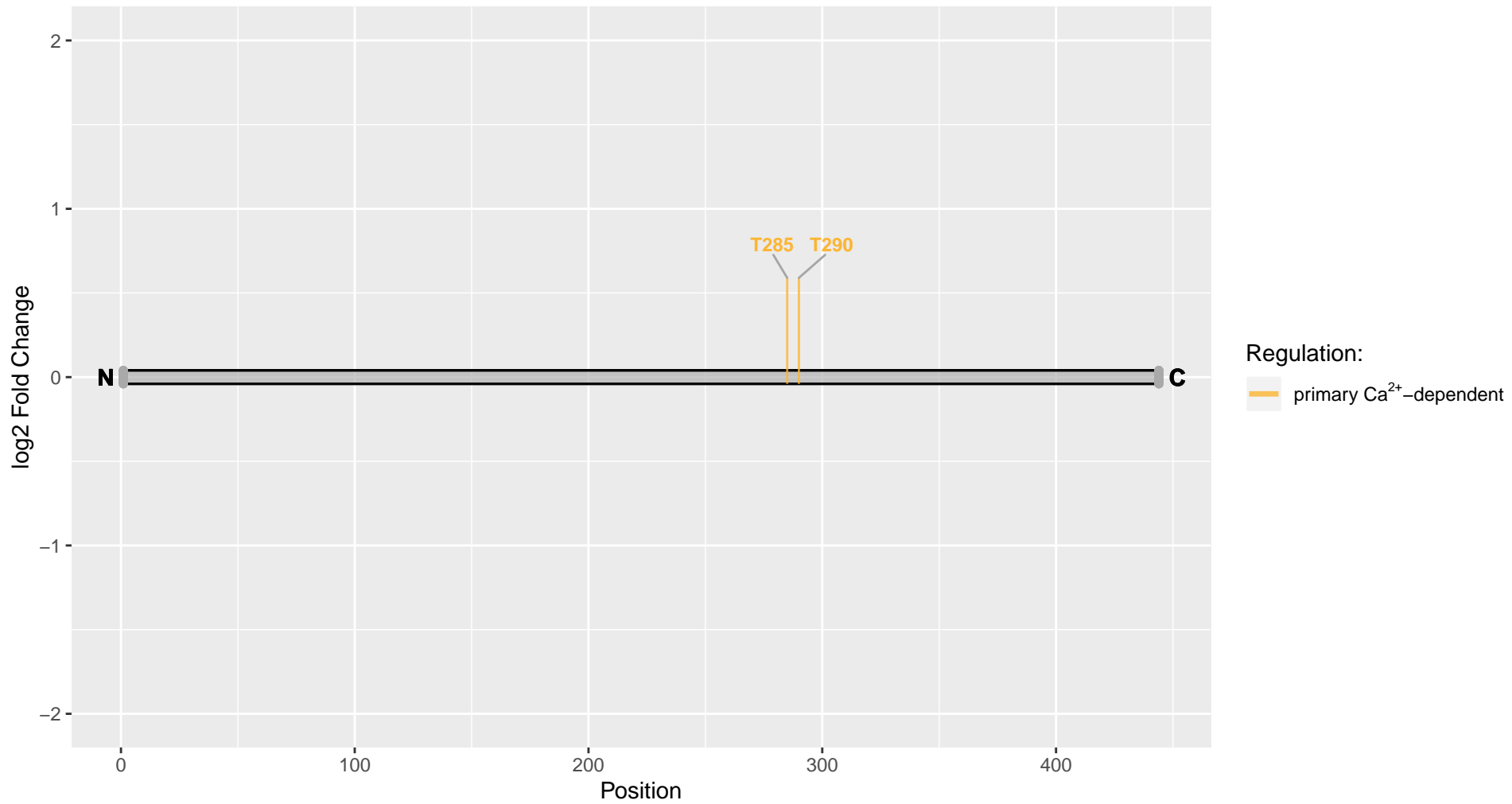
Tubulin tyrosine ligase-like family, member 7



Tubb5

Uniprot Accession: P69897

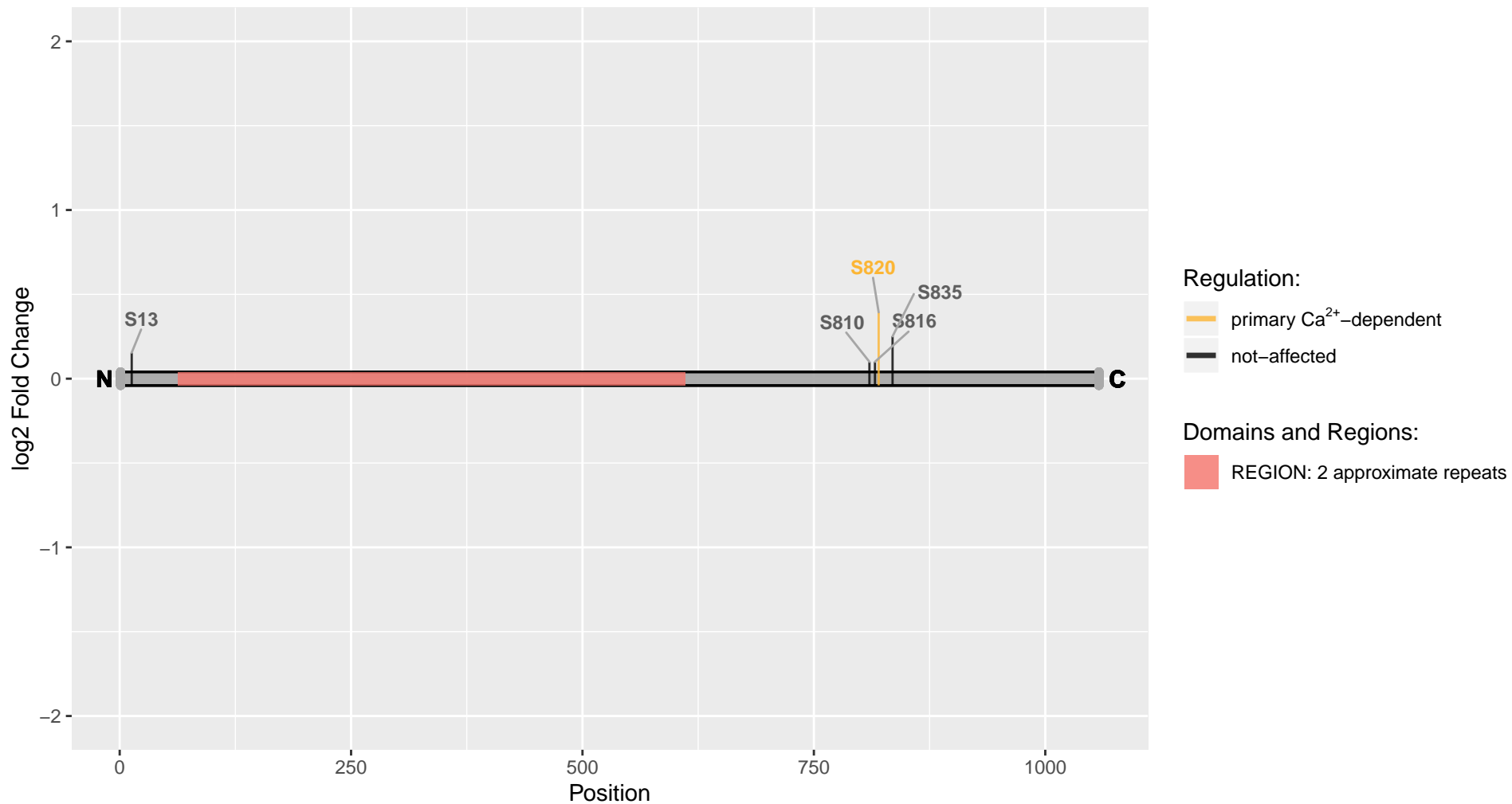
Tubulin beta-5 chain



Uba1

Uniprot Accession: Q5U300

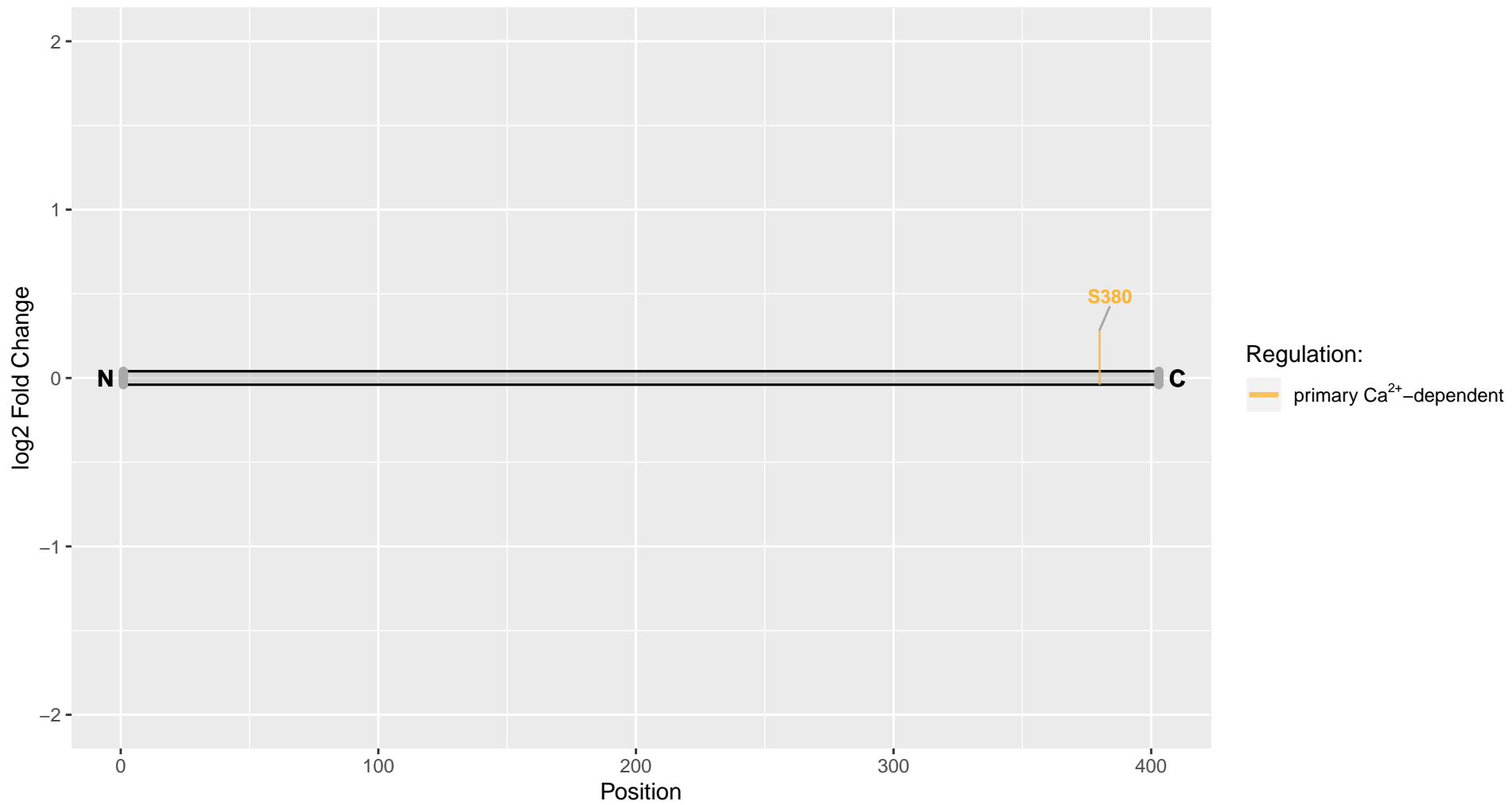
Ubiquitin-like modifier-activating enzyme 1



Uba5

Uniprot Accession: Q5M7A4

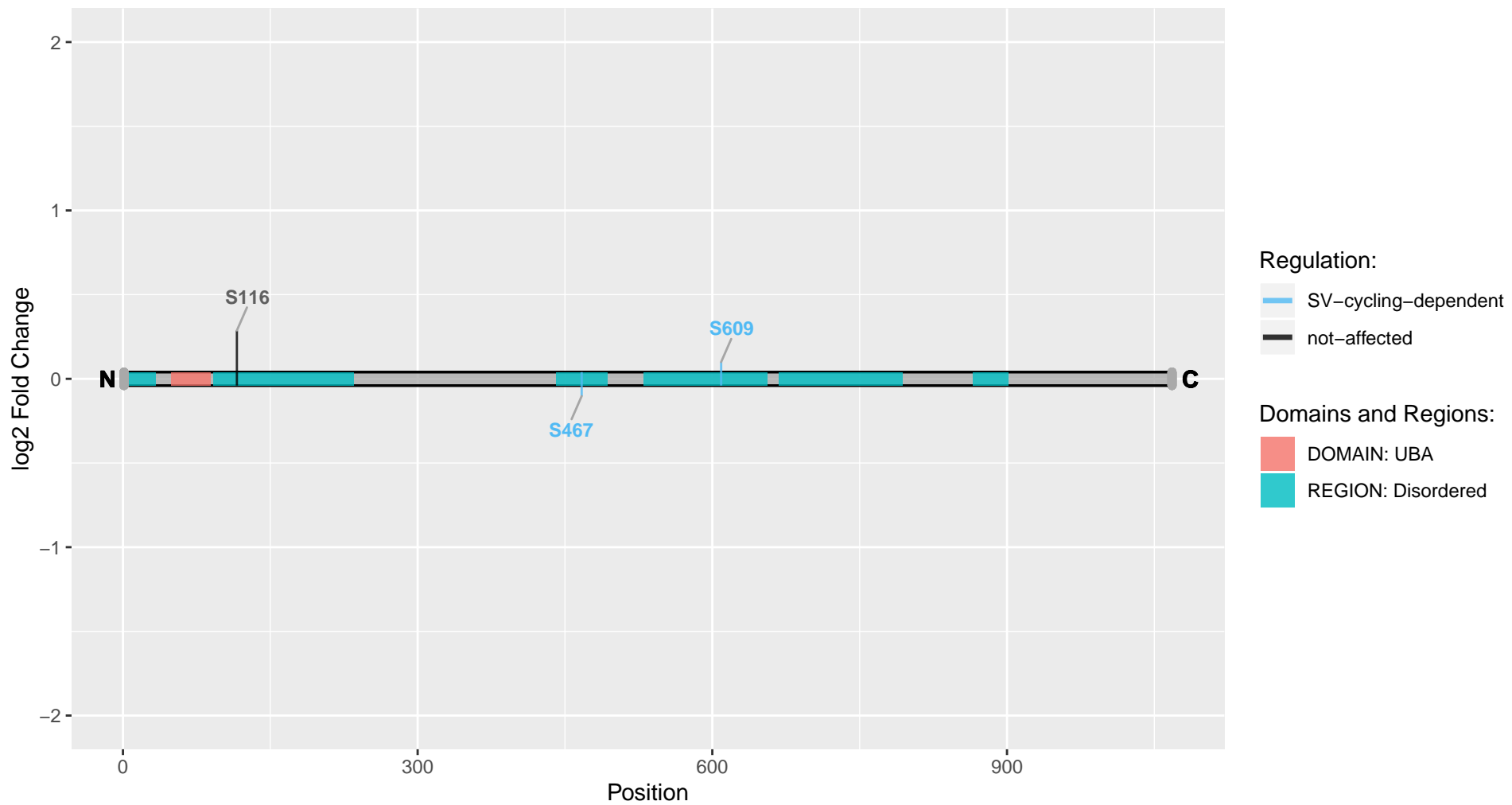
Ubiquitin-like modifier-activating enzyme 5



Ubap2l

Uniprot Accession: A0A0G2JYC6

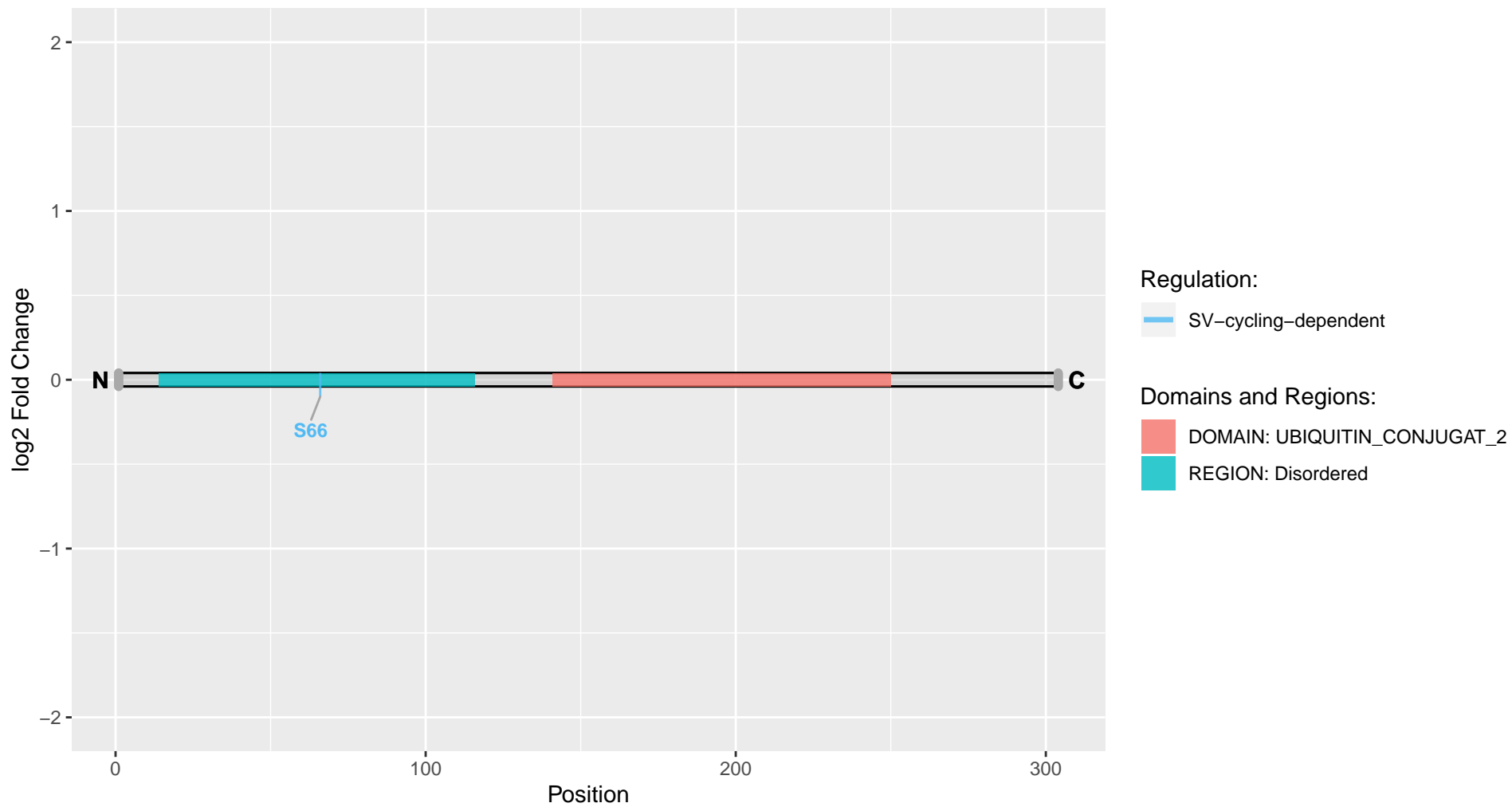
RCG62582, isoform CRA_c



Ube2q1

Uniprot Accession: D3ZXV0

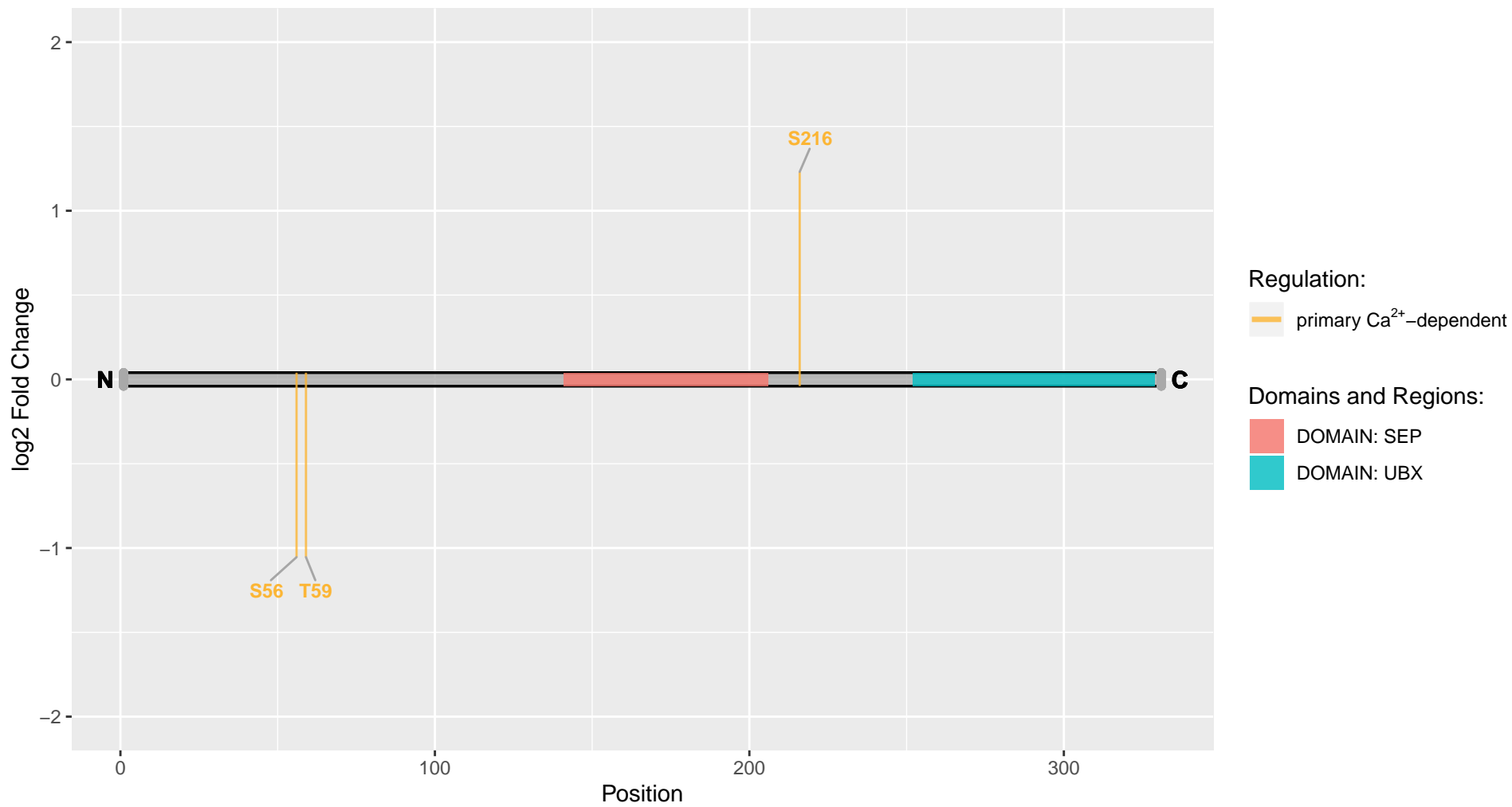
Ubiquitin-conjugating enzyme E2Q family-like 1



Ubxn2b

Uniprot Accession: P0C627

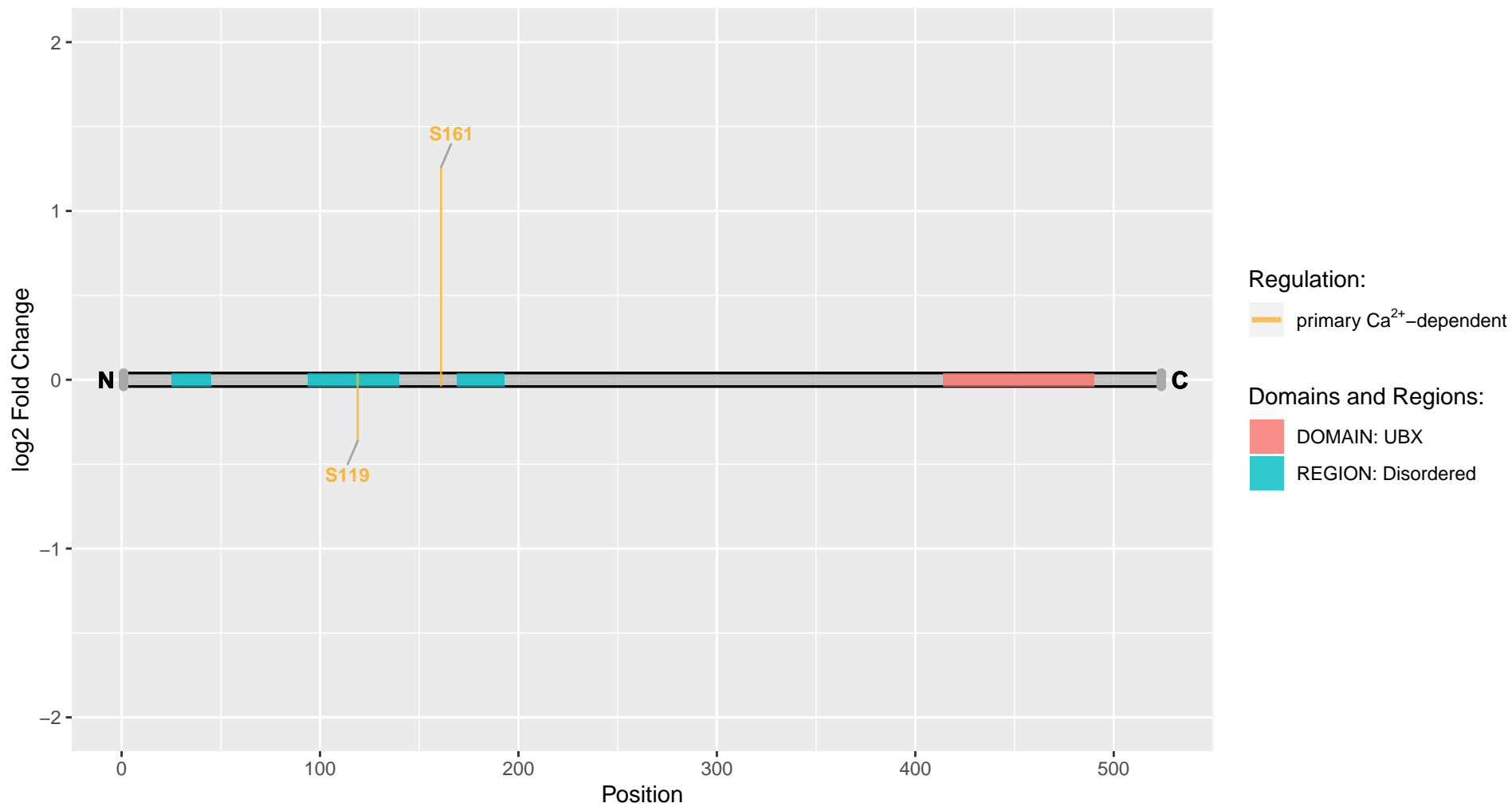
UBX domain-containing protein 2B



Ubxn6

Uniprot Accession: A0A0G2K012

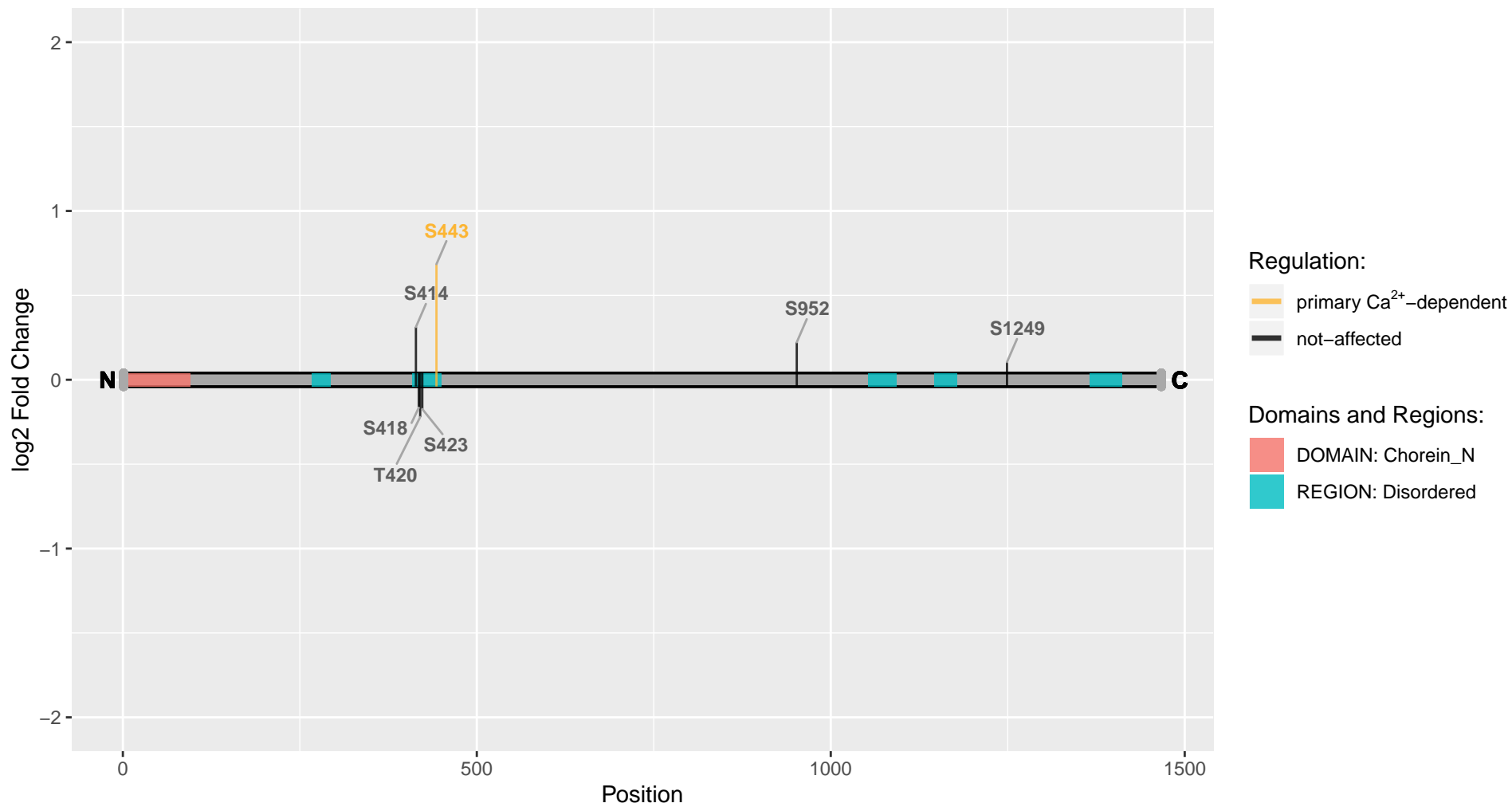
UBX domain protein 6



Uhrf1bp1l

Uniprot Accession: M0R8V0

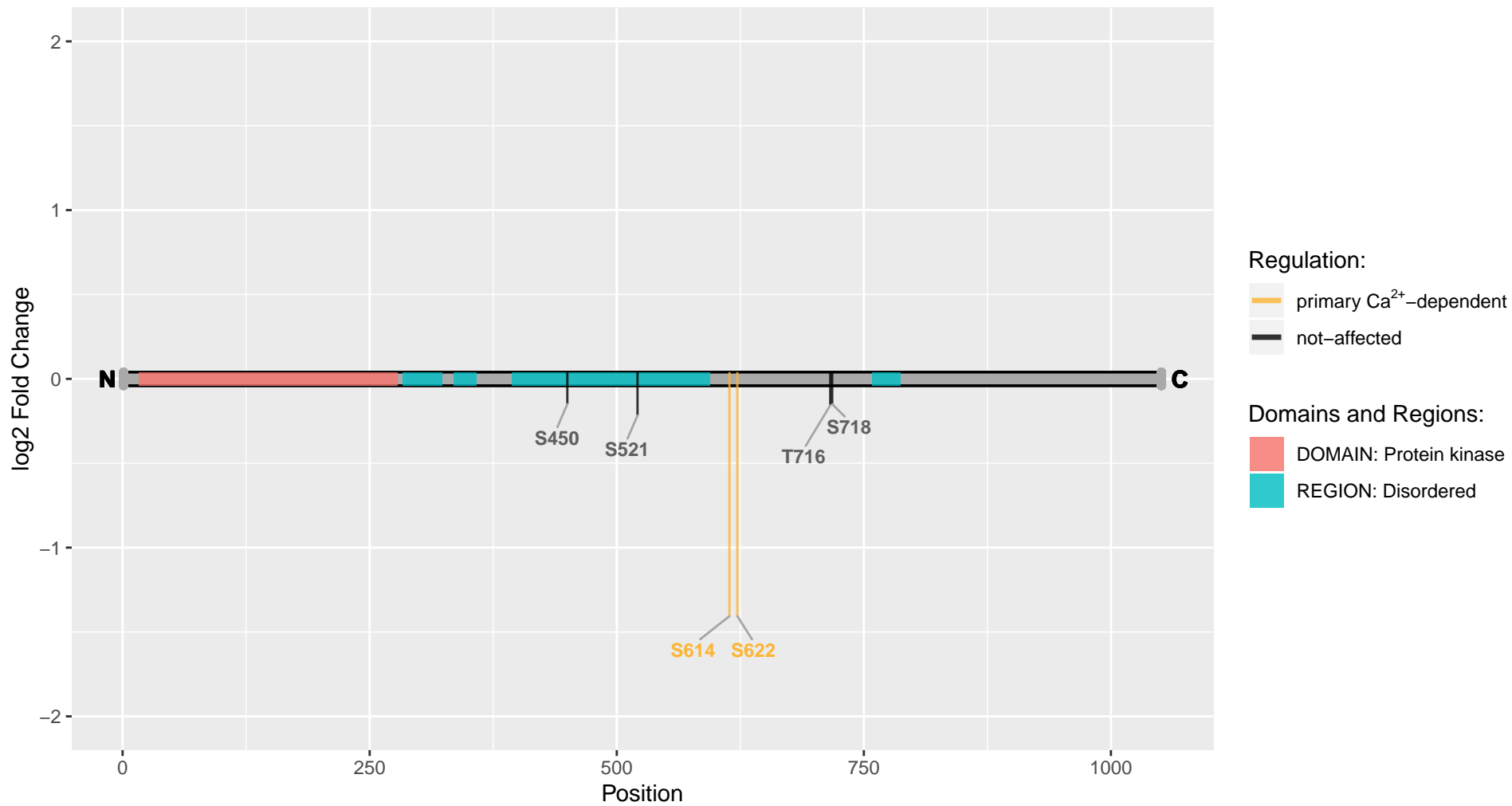
UHRF1-binding protein 1-like



Ulk1

Uniprot Accession: D3ZMG0

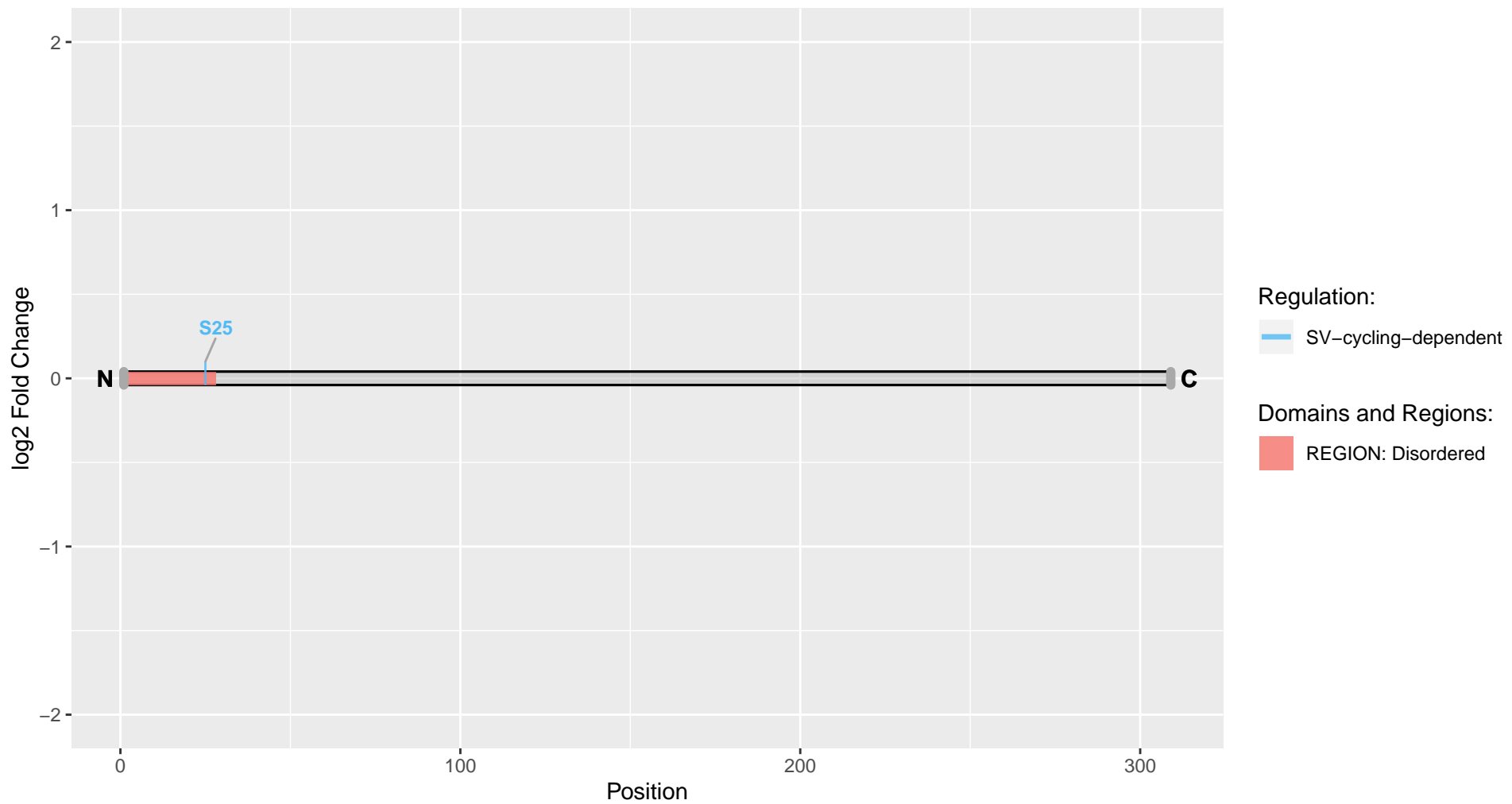
Serine/threonine-protein kinase



Uprt

Uniprot Accession: D4ABC7

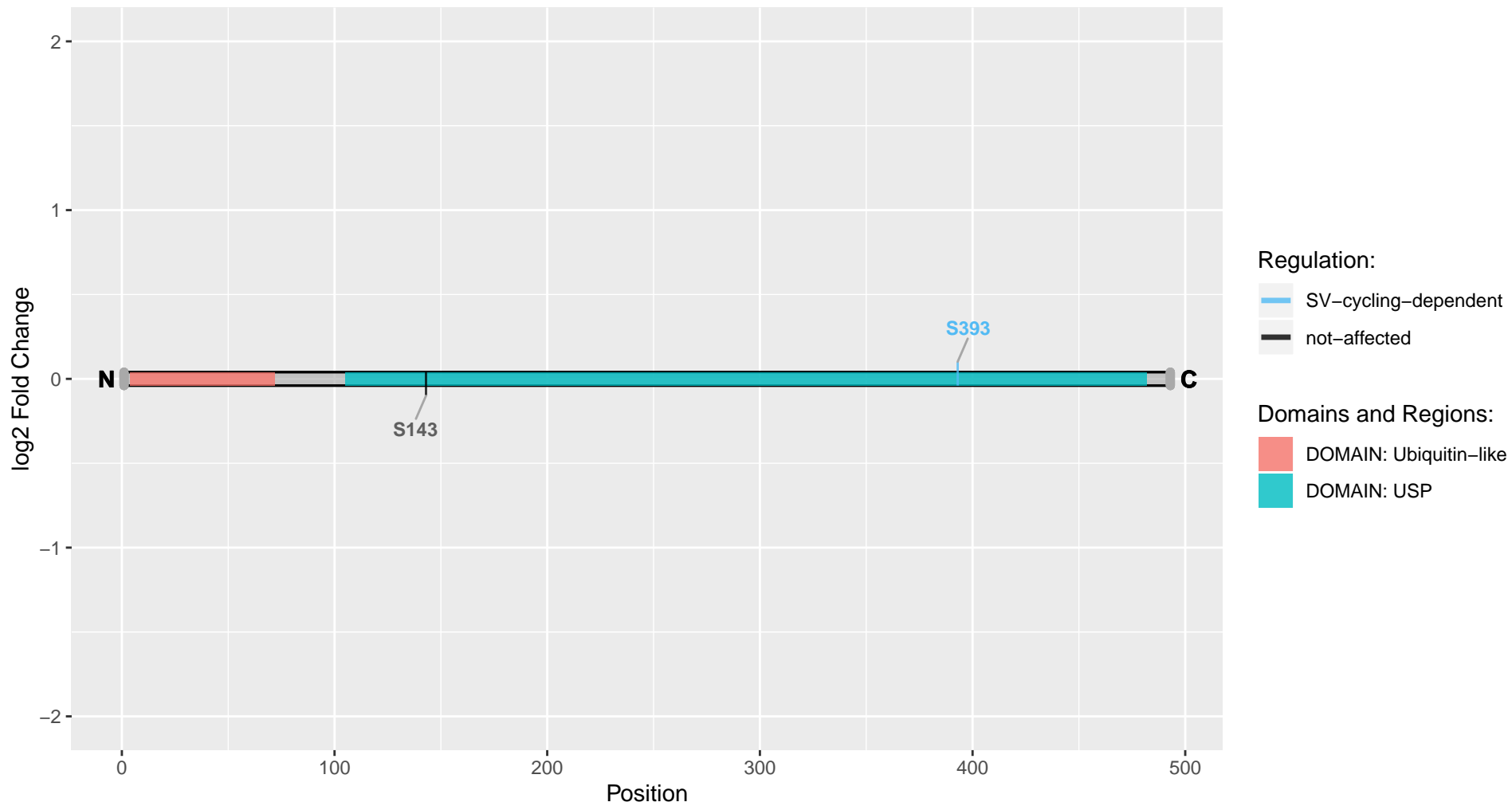
Uracil phosphoribosyltransferase homolog



Usp14

Uniprot Accession: Q5U2N2

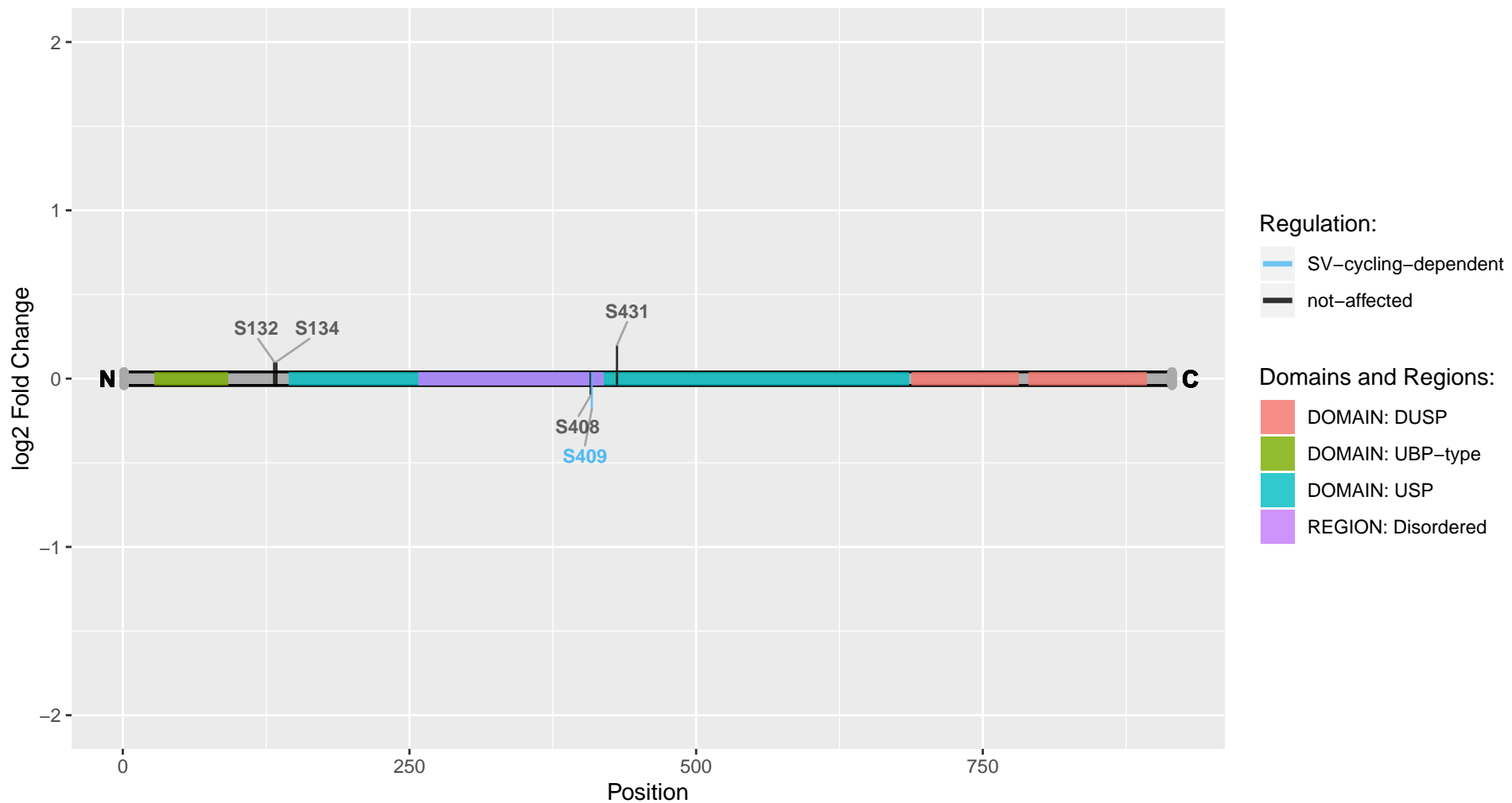
Ubiquitin specific protease 14



Usp20

Uniprot Accession: D3ZLQ8

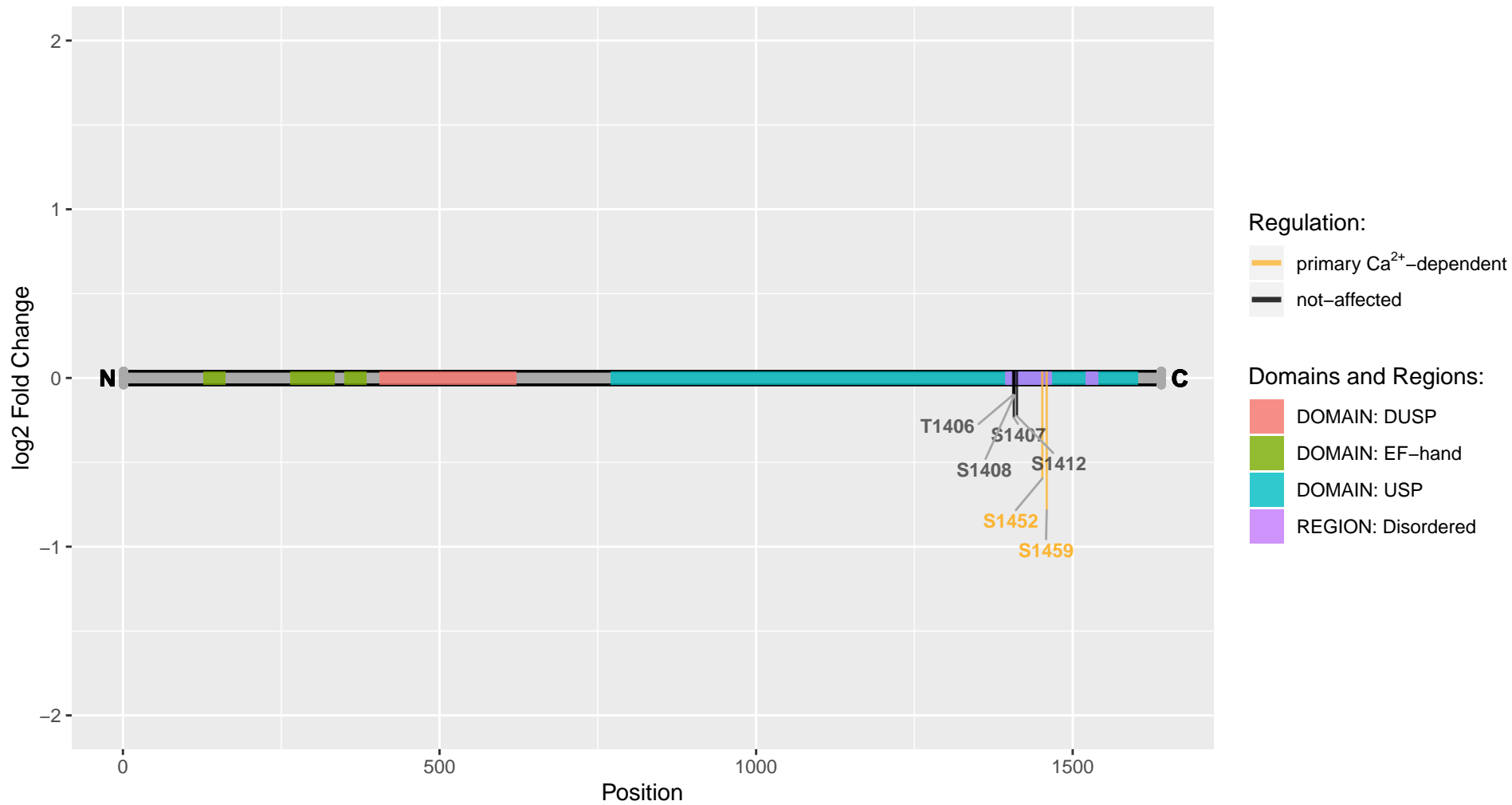
Ubiquitinyl hydrolase 1



Usp32

Uniprot Accession: A0A0G2K952

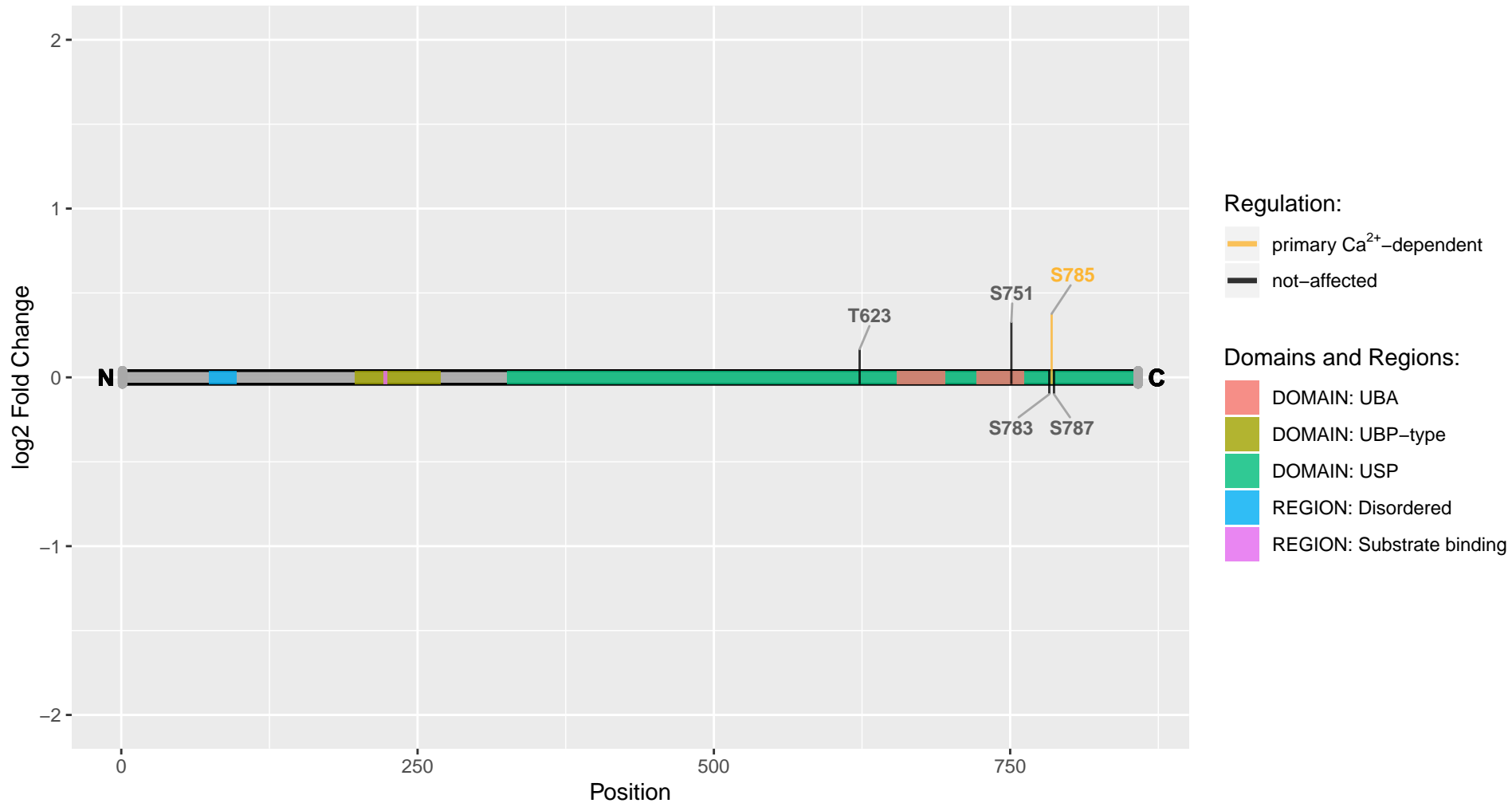
Ubiquitin-specific peptidase 32



Usp5

Uniprot Accession: D3ZVQ0

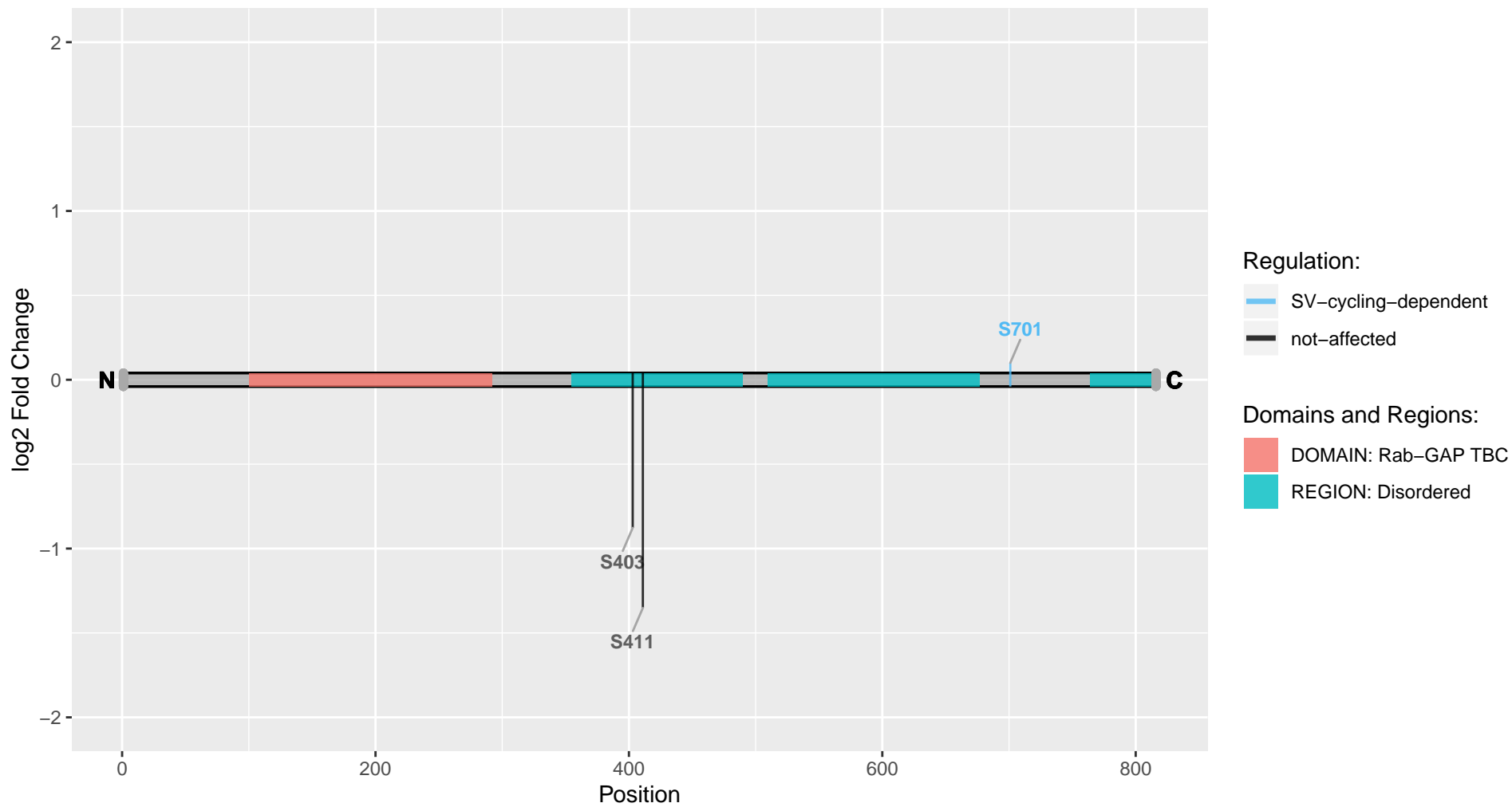
Ubiquitin carboxyl-terminal hydrolase



Usp6nl

Uniprot Accession: D3ZL57

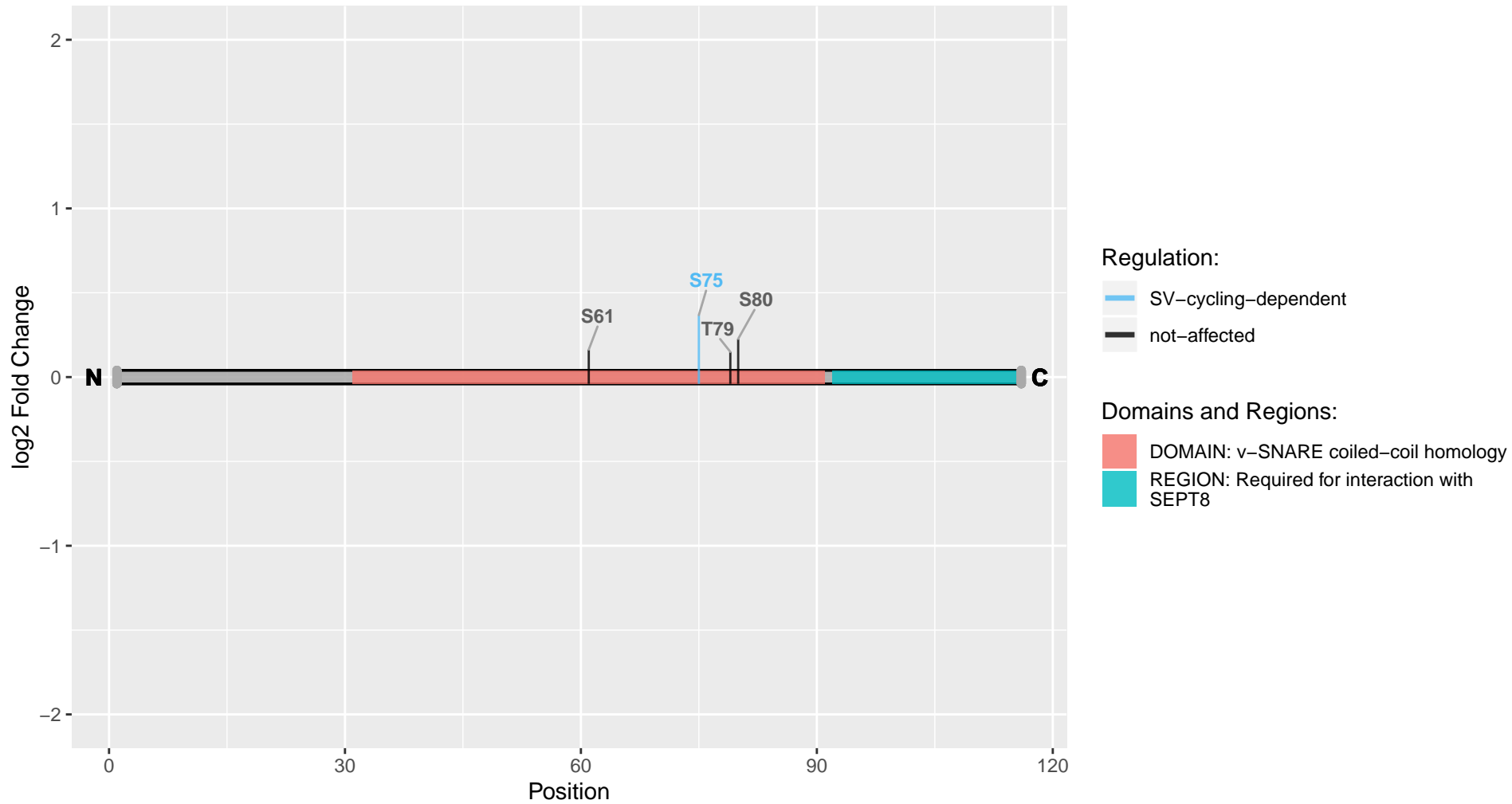
USP6 N-terminal like (Predicted), isoform CRA_a



Vamp2

Uniprot Accession: P63045

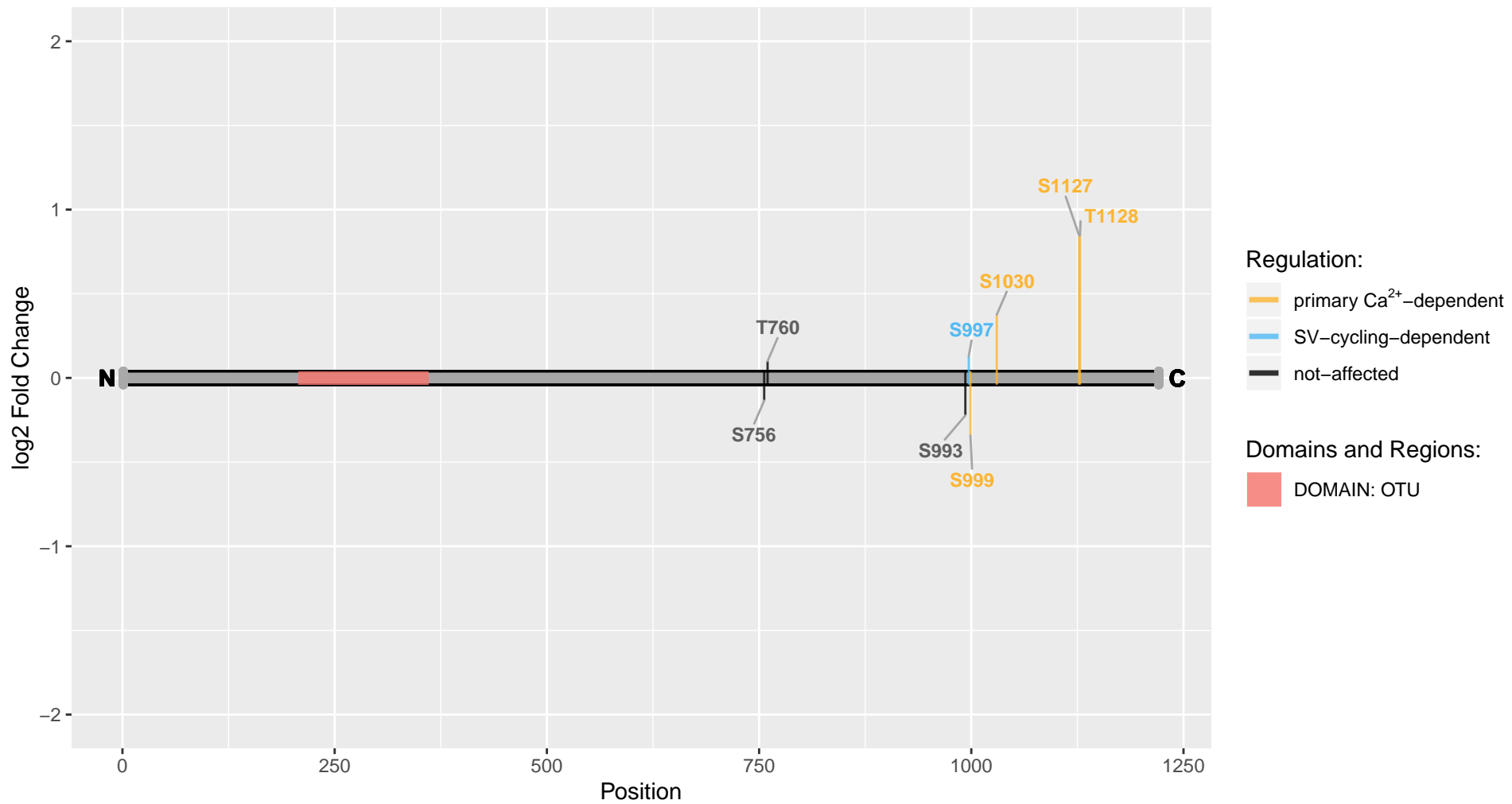
Vesicle-associated membrane protein 2



Vcpip1

Uniprot Accession: Q8CF97

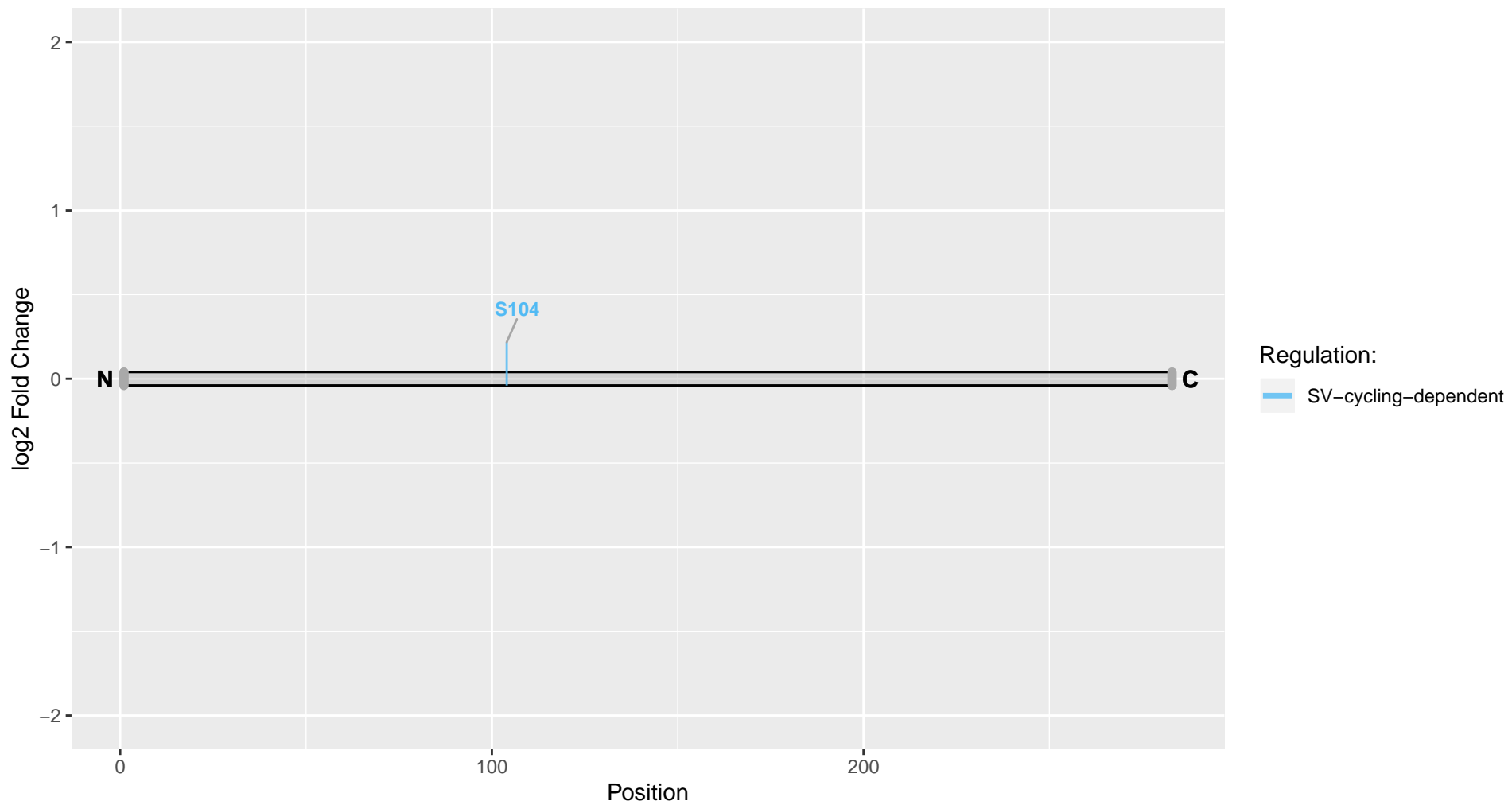
Deubiquitinating protein VCIP135



Vdac1

Uniprot Accession: Q9Z2L0

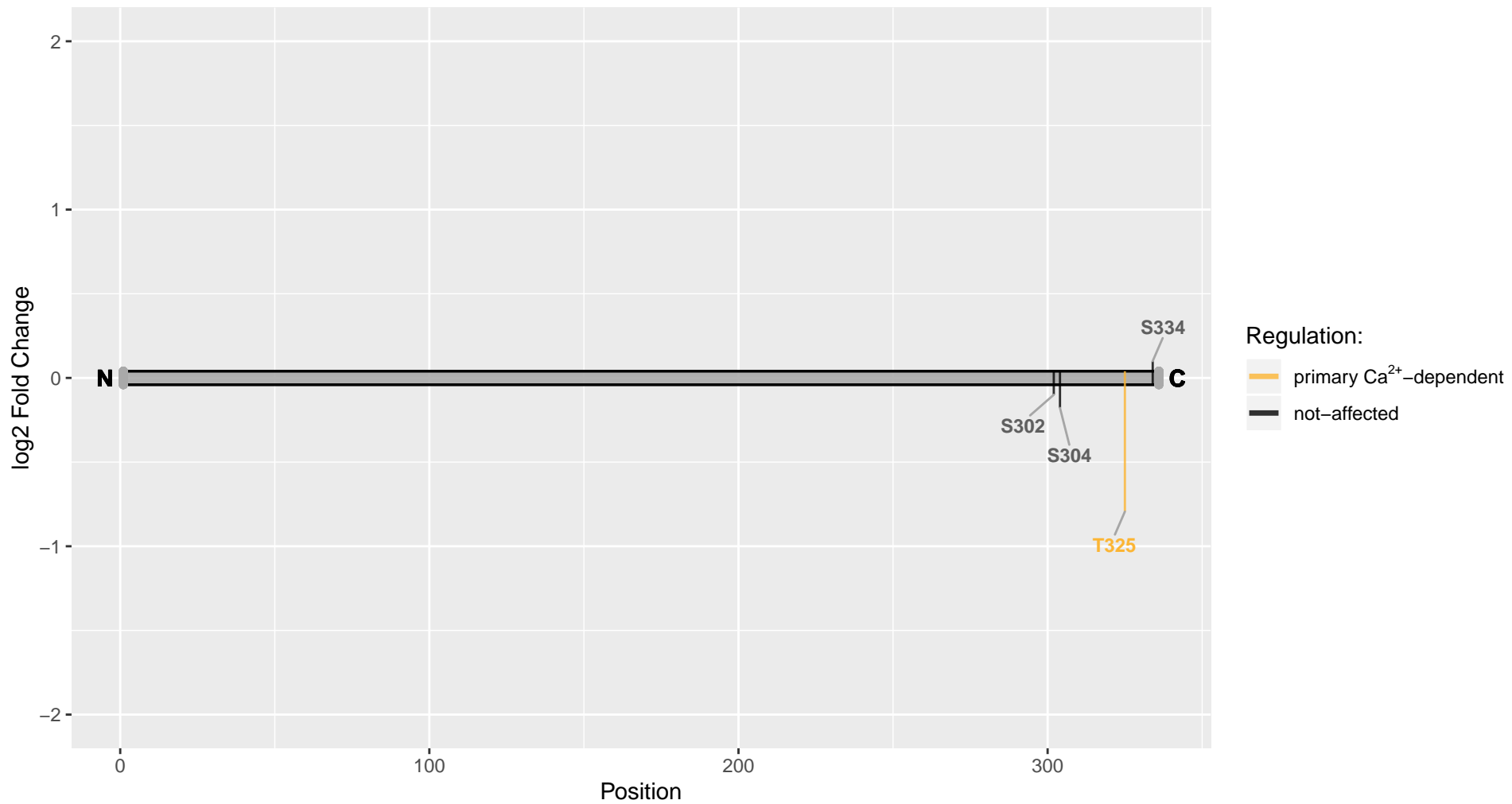
Voltage-dependent anion-selective channel protein 1



Vps26b

Uniprot Accession: B1WBS4

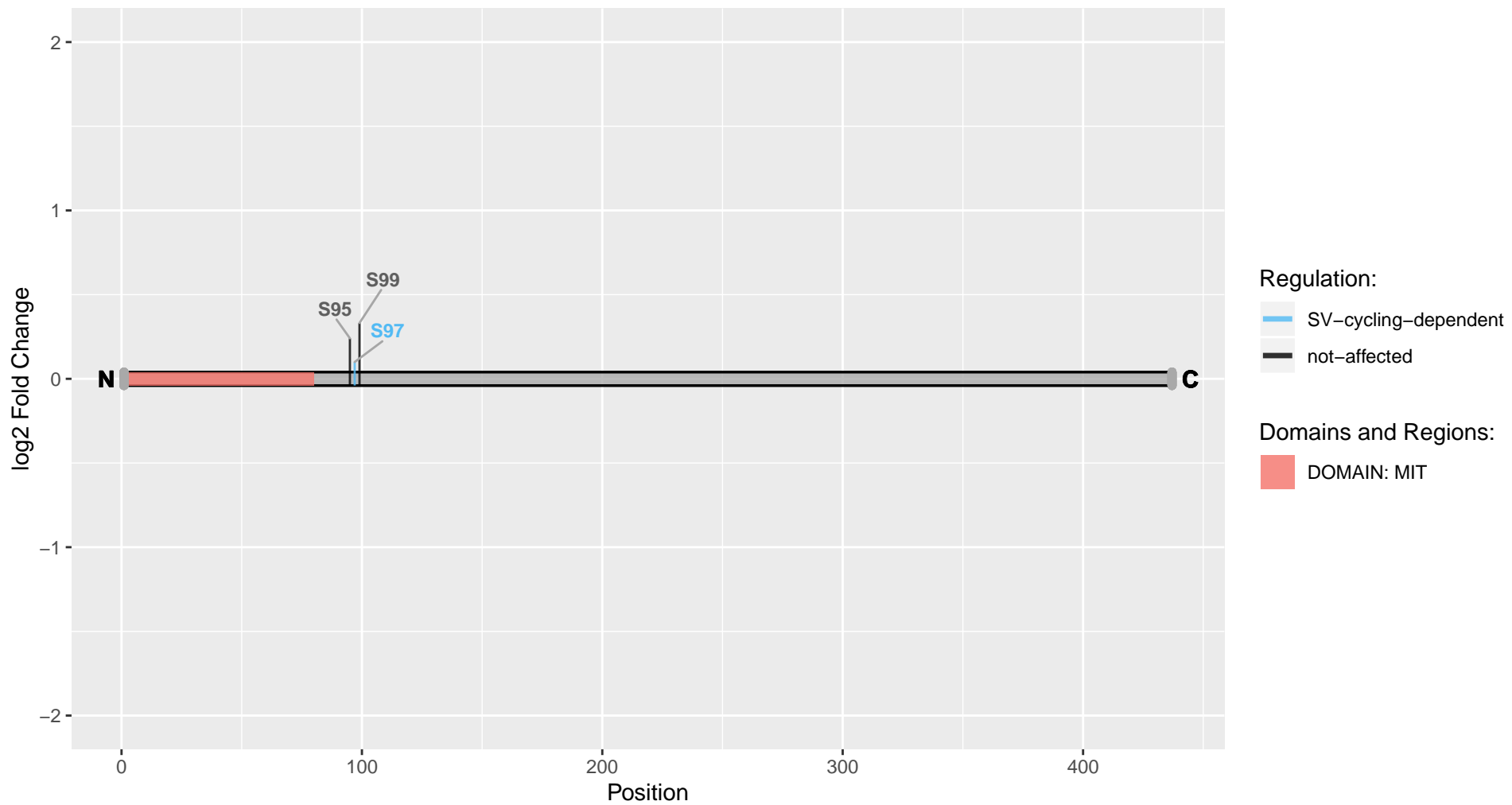
Similar to Vacuolar protein sorting 26 homolog (VPS26 protein homolog), isoform CRA_a



Vps4a

Uniprot Accession: Q793F9

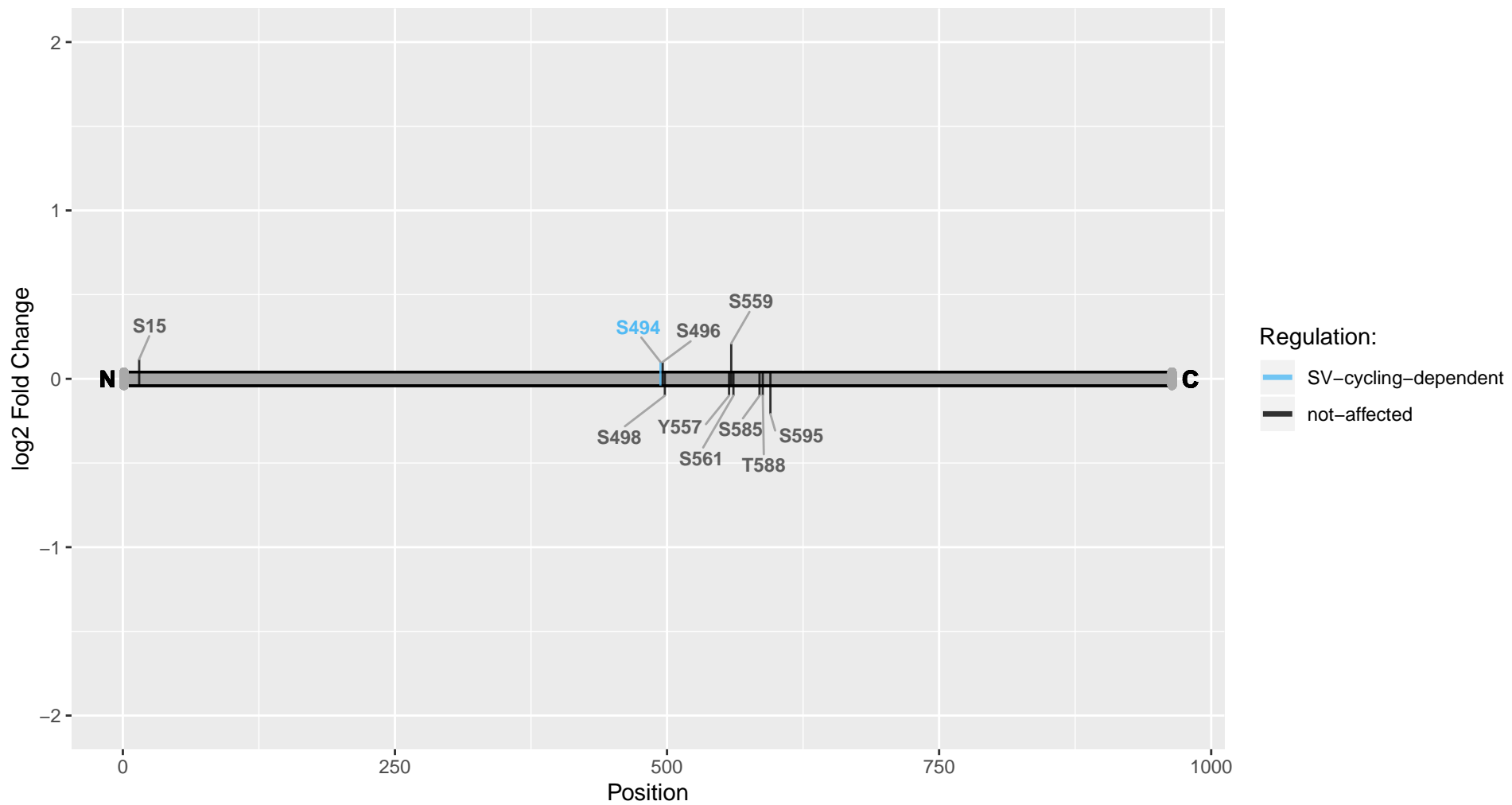
Vacuolar protein sorting–associated protein 4A



Vps50

Uniprot Accession: F1LSG8

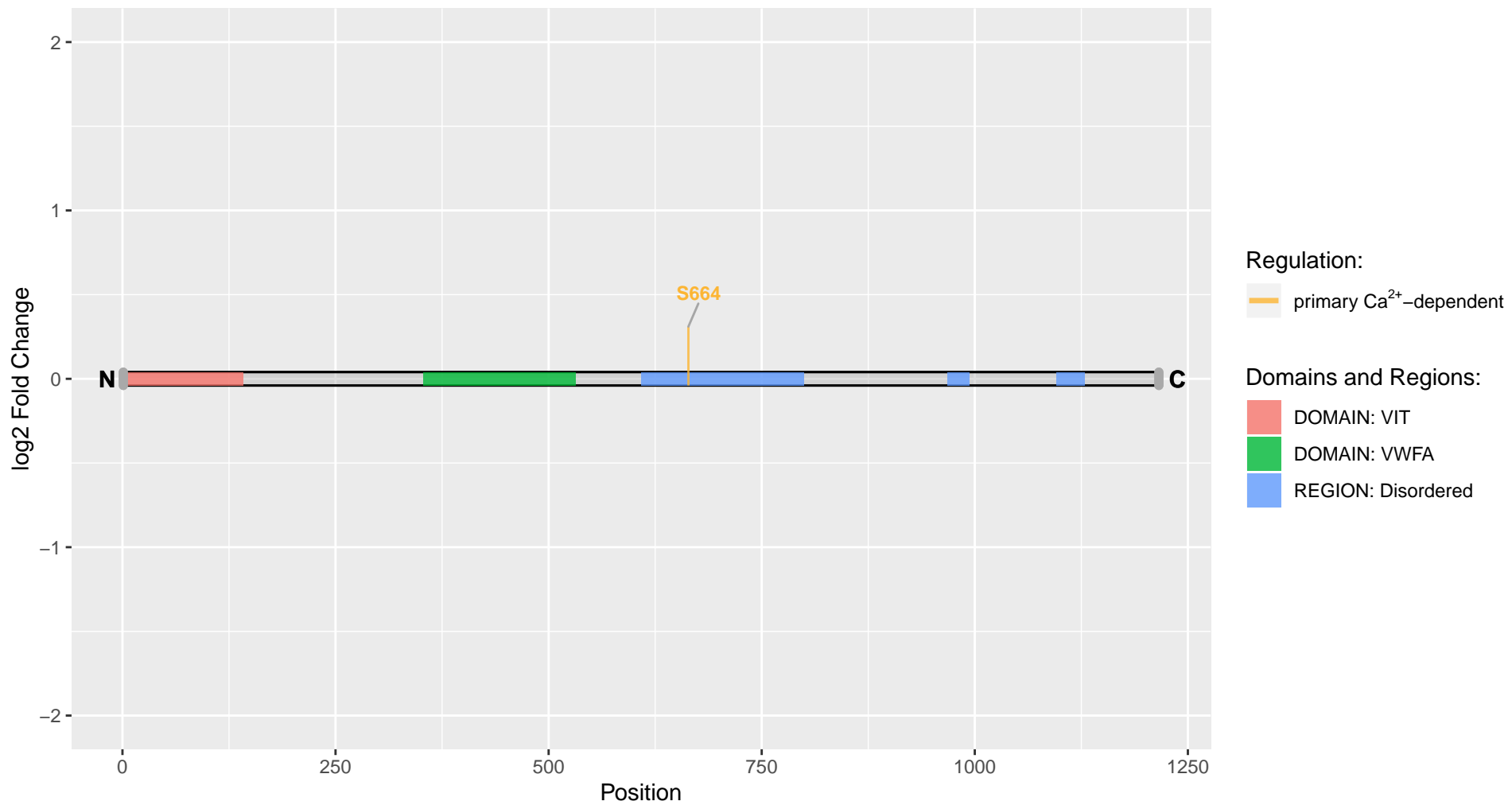
Syndetin



Vwa5b1

Uniprot Accession: D3ZP60

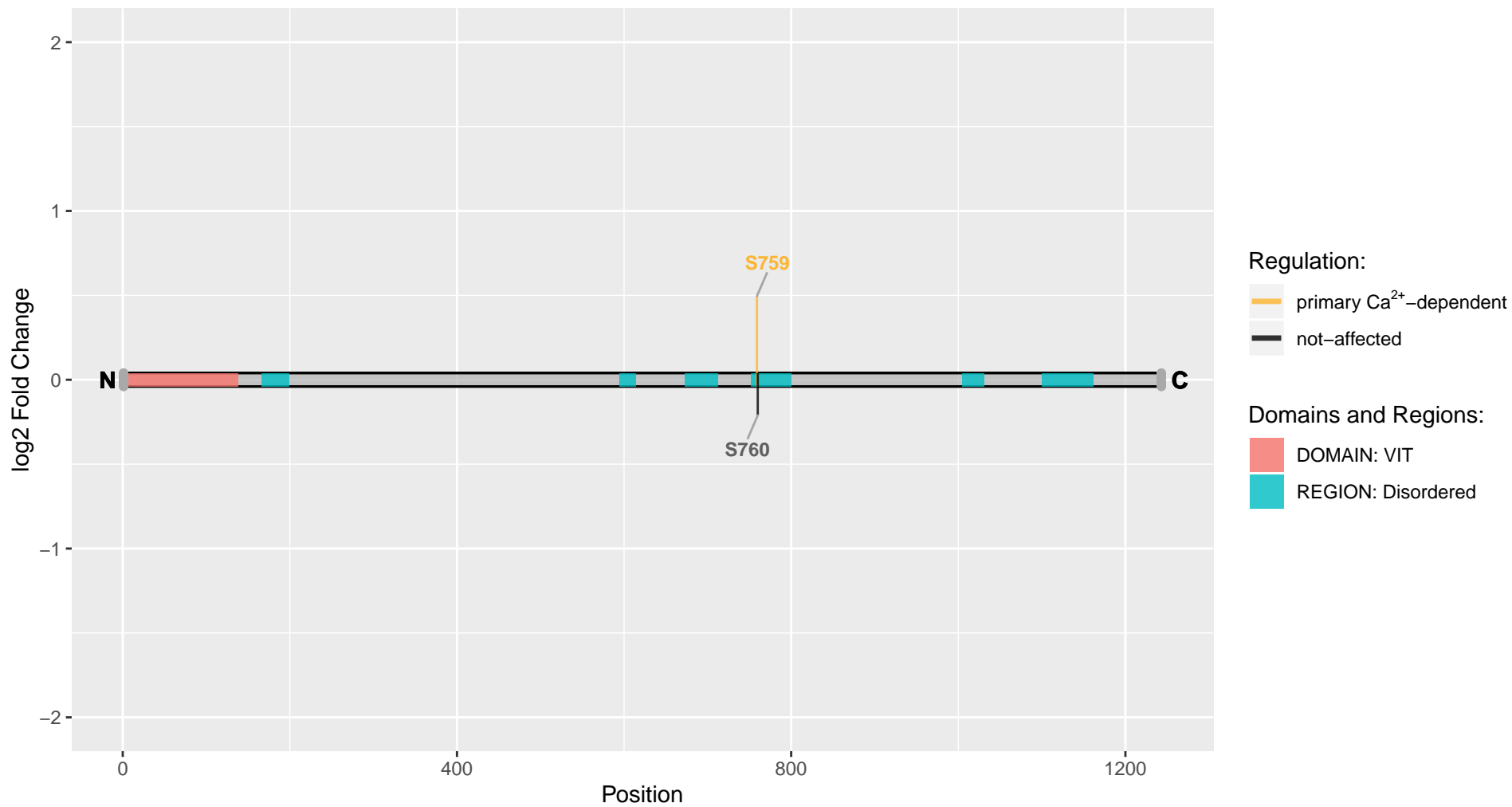
von Willebrand factor A domain-containing 5B1



Vwa5b2

Uniprot Accession: D4A7U5

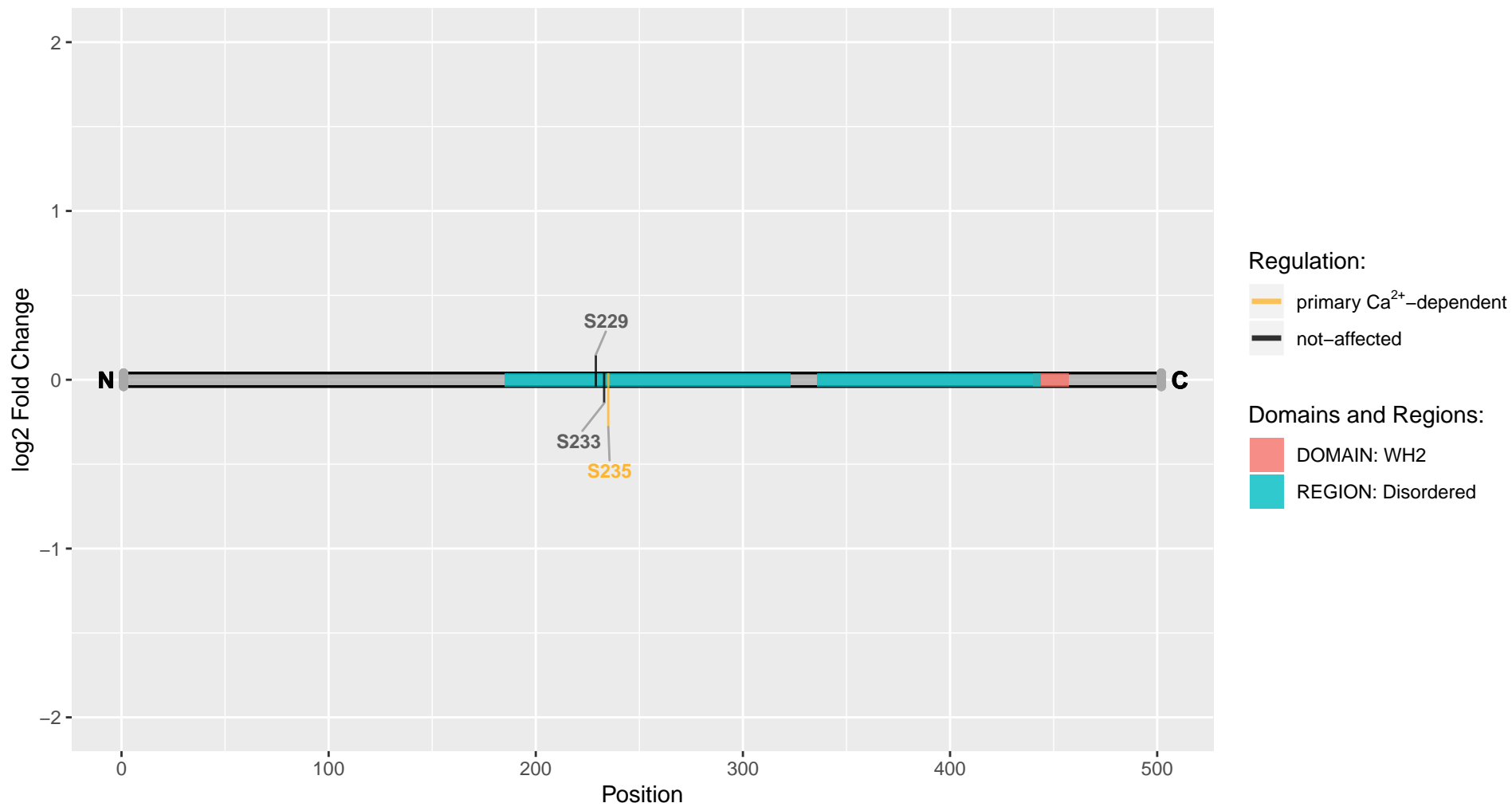
RGD1564491 (Predicted)



Wasf3

Uniprot Accession: M0R7F3

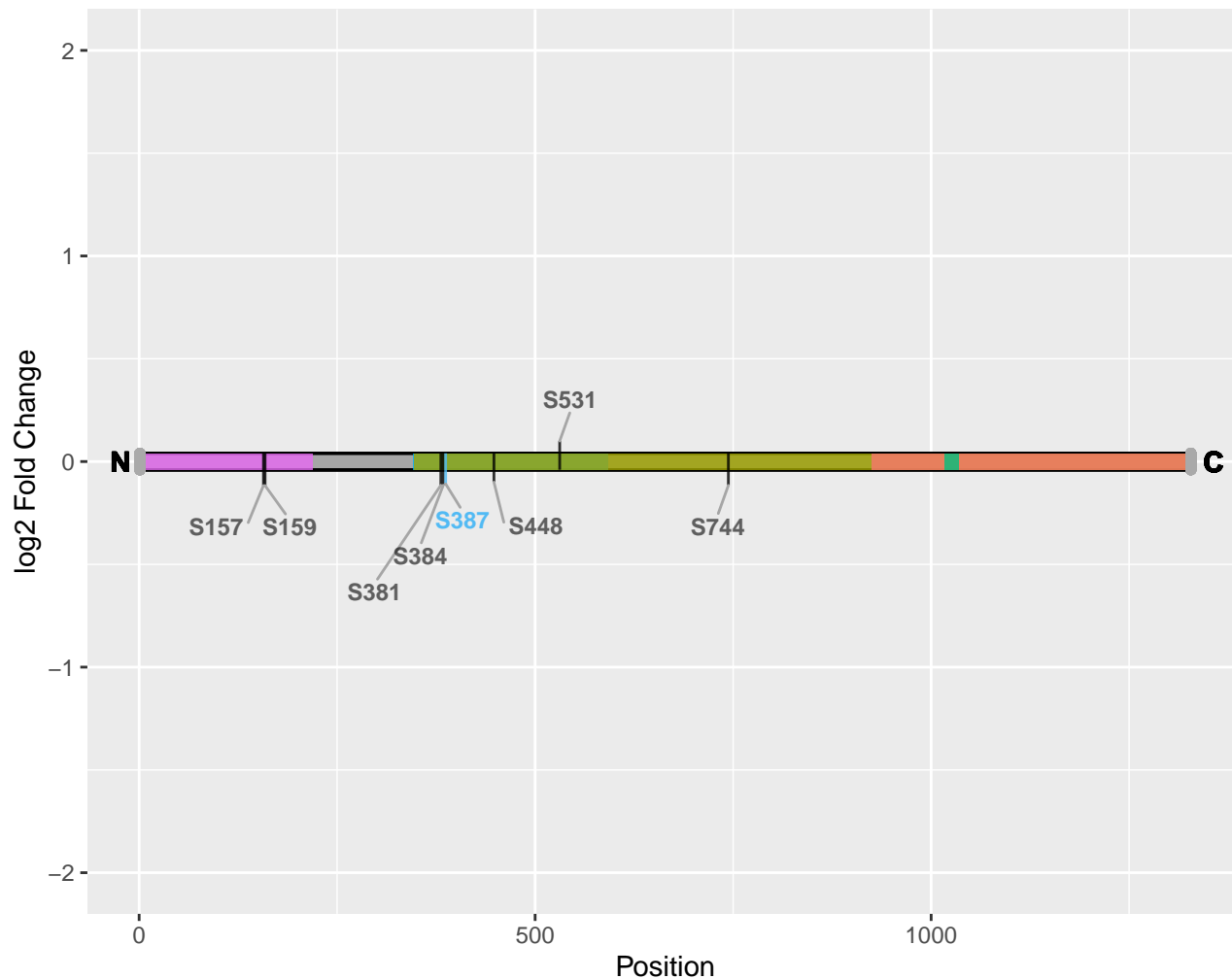
WAS protein family, member 3



Washc2

Uniprot Accession: Q80X08

WASH complex subunit 2



Regulation:

- SV-cycling-dependent
- not-affected

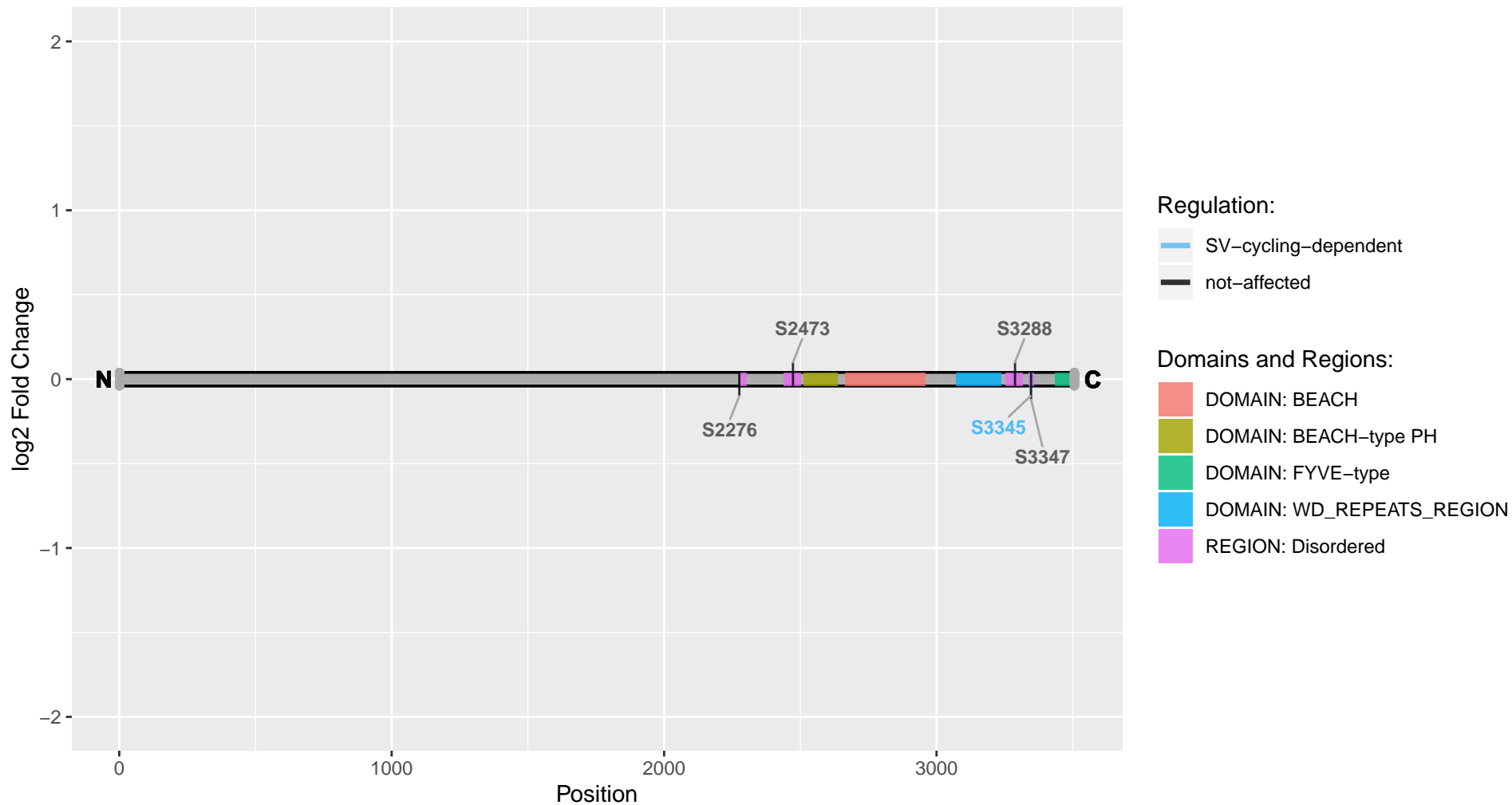
Domains and Regions:

- 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

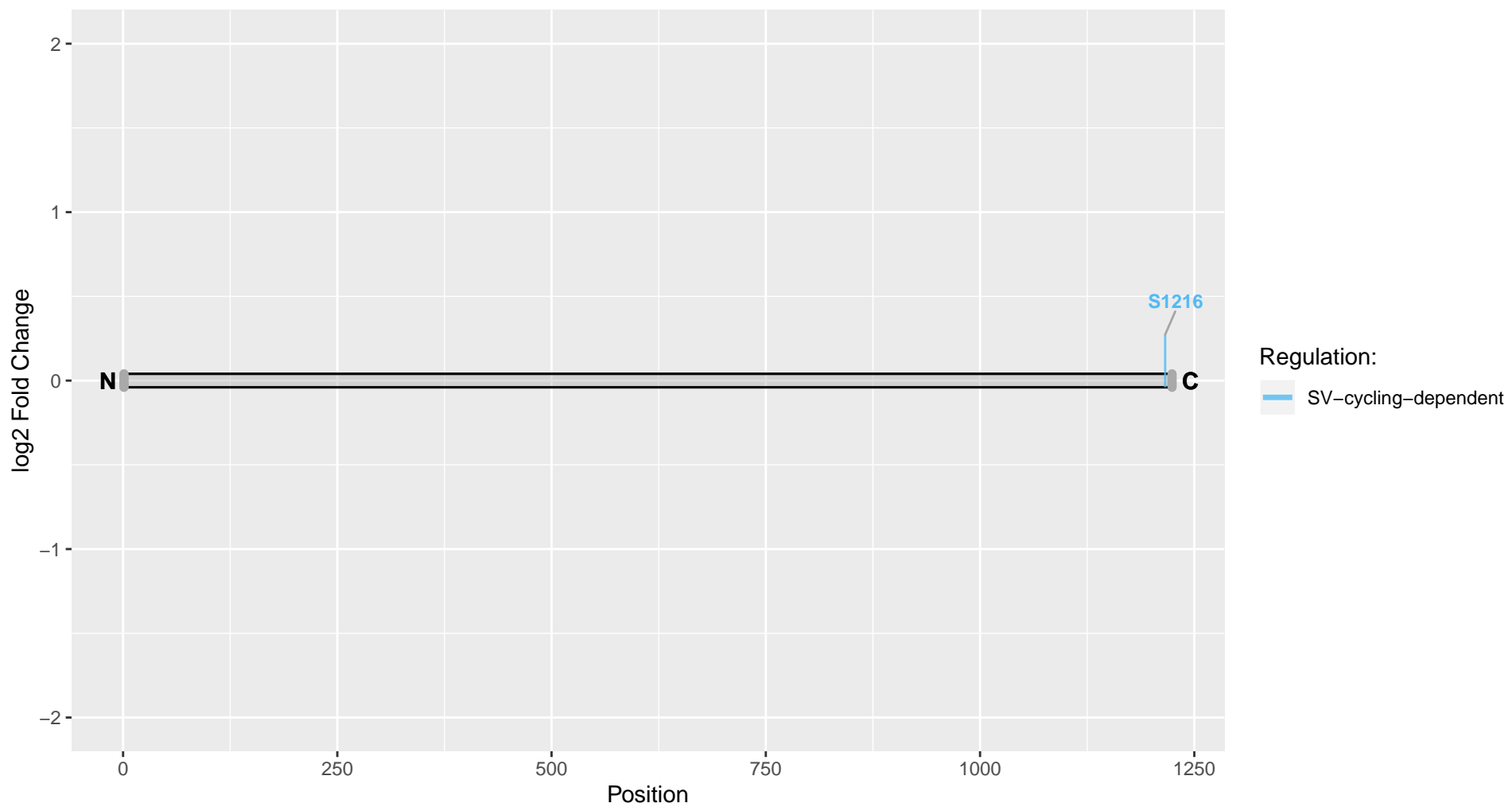
WD repeat and FYVE domain-containing 3



Wdr11

Uniprot Accession: D3Z9L5

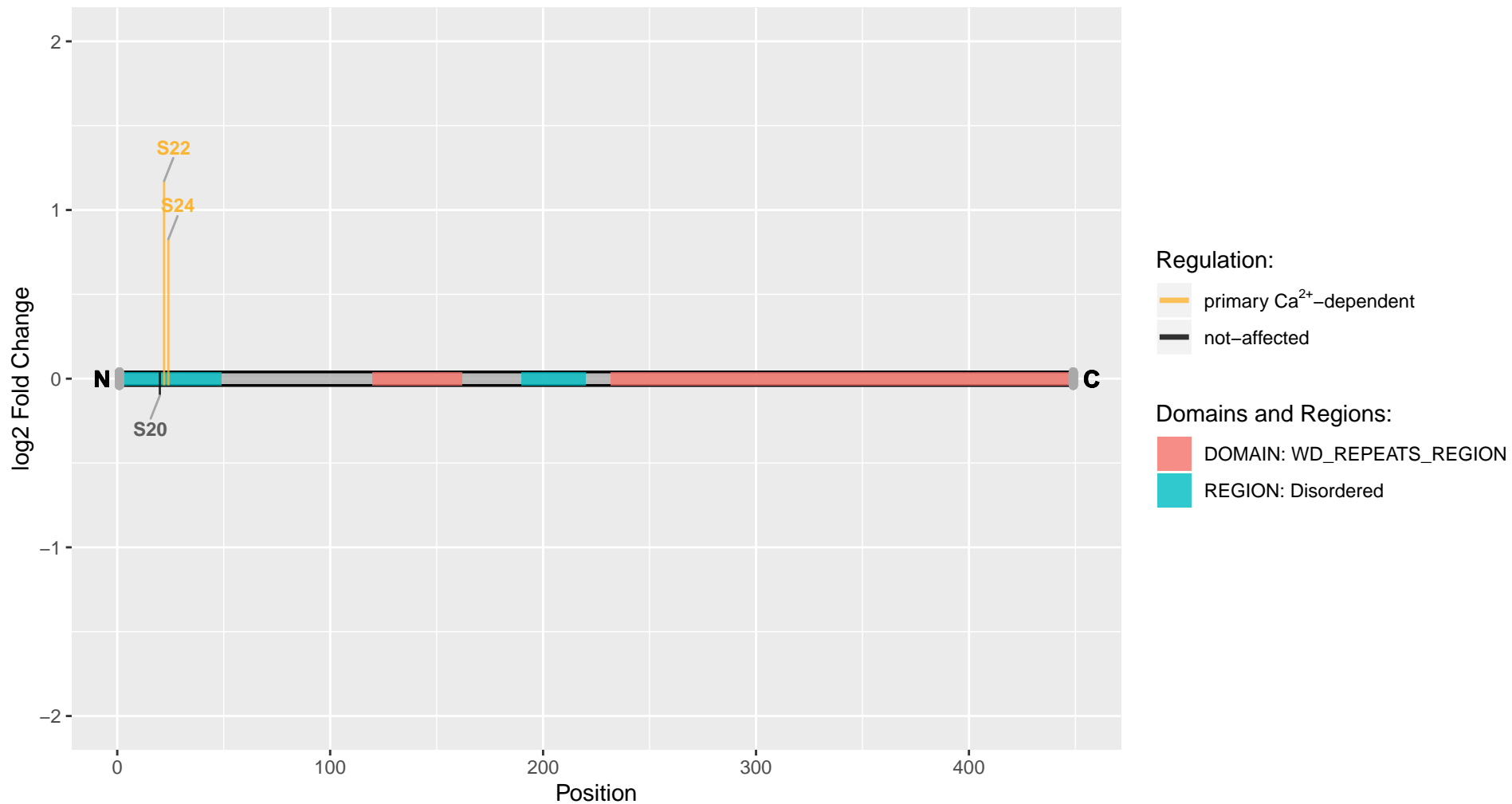
WD repeat domain 11



Wdr37

Uniprot Accession: D3ZQ02

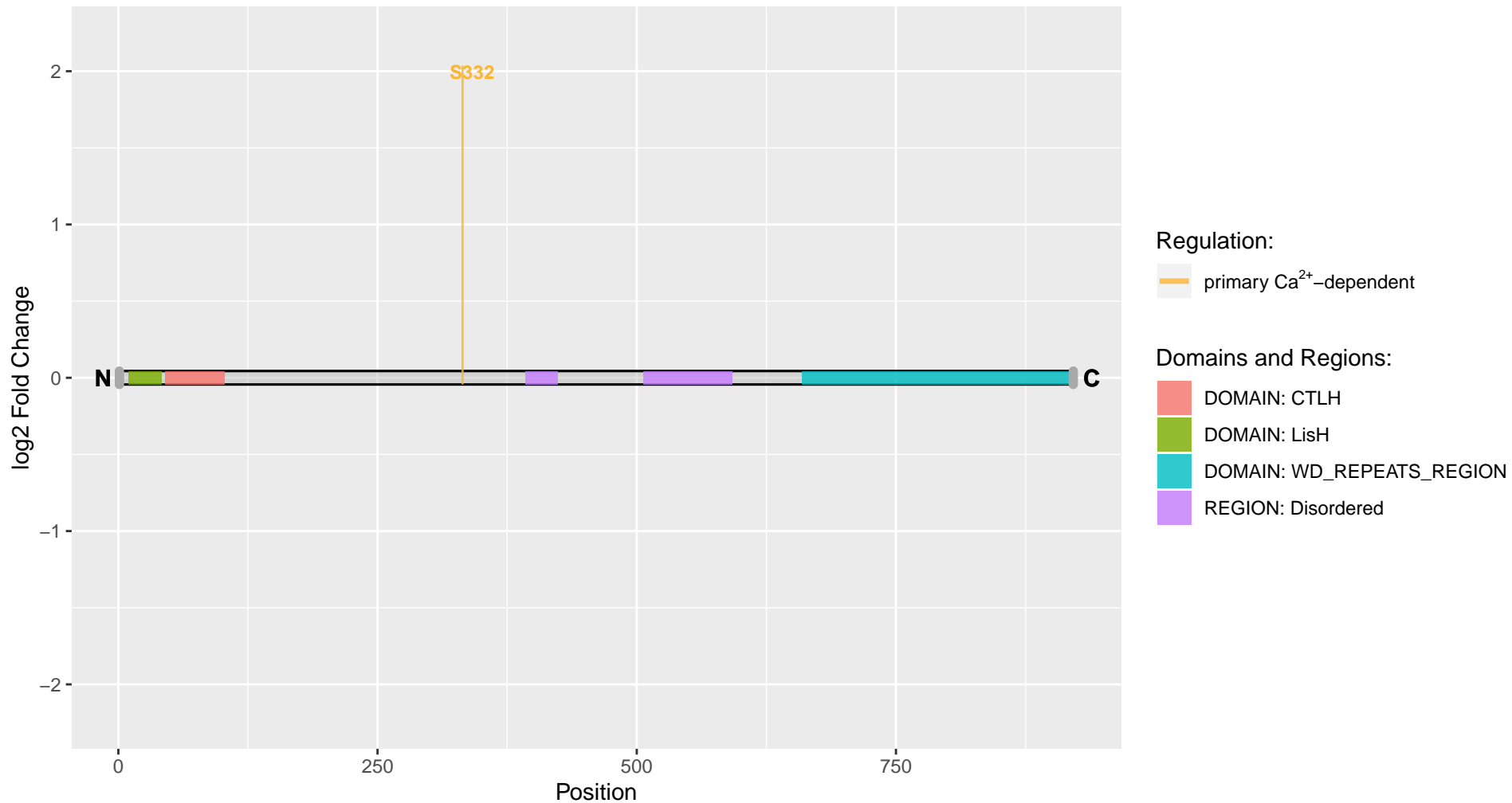
WD repeat domain 37



Wdr47

Uniprot Accession: G3V9M3

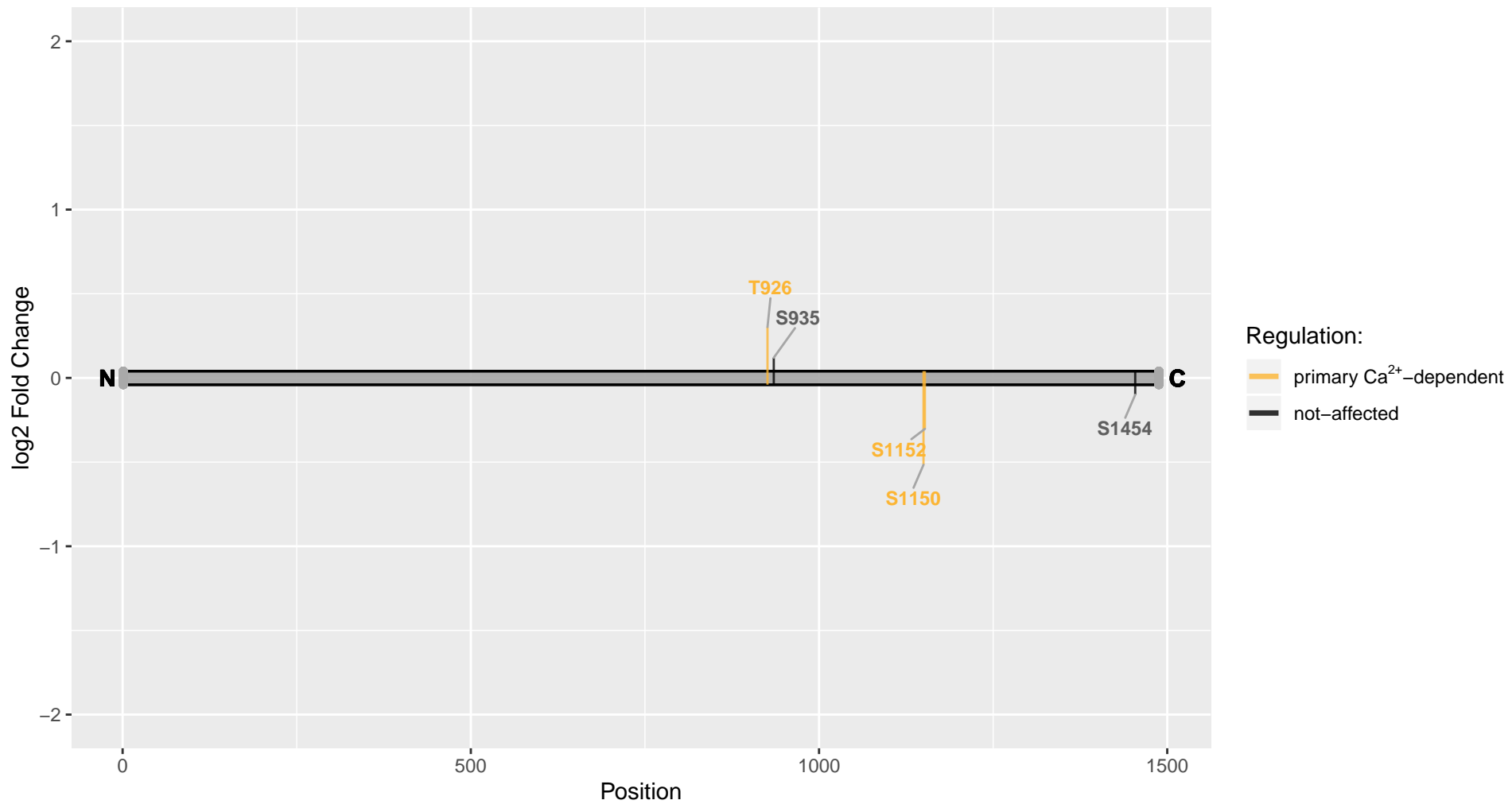
RCG28460



Wdr7

Uniprot Accession: Q9ERH3

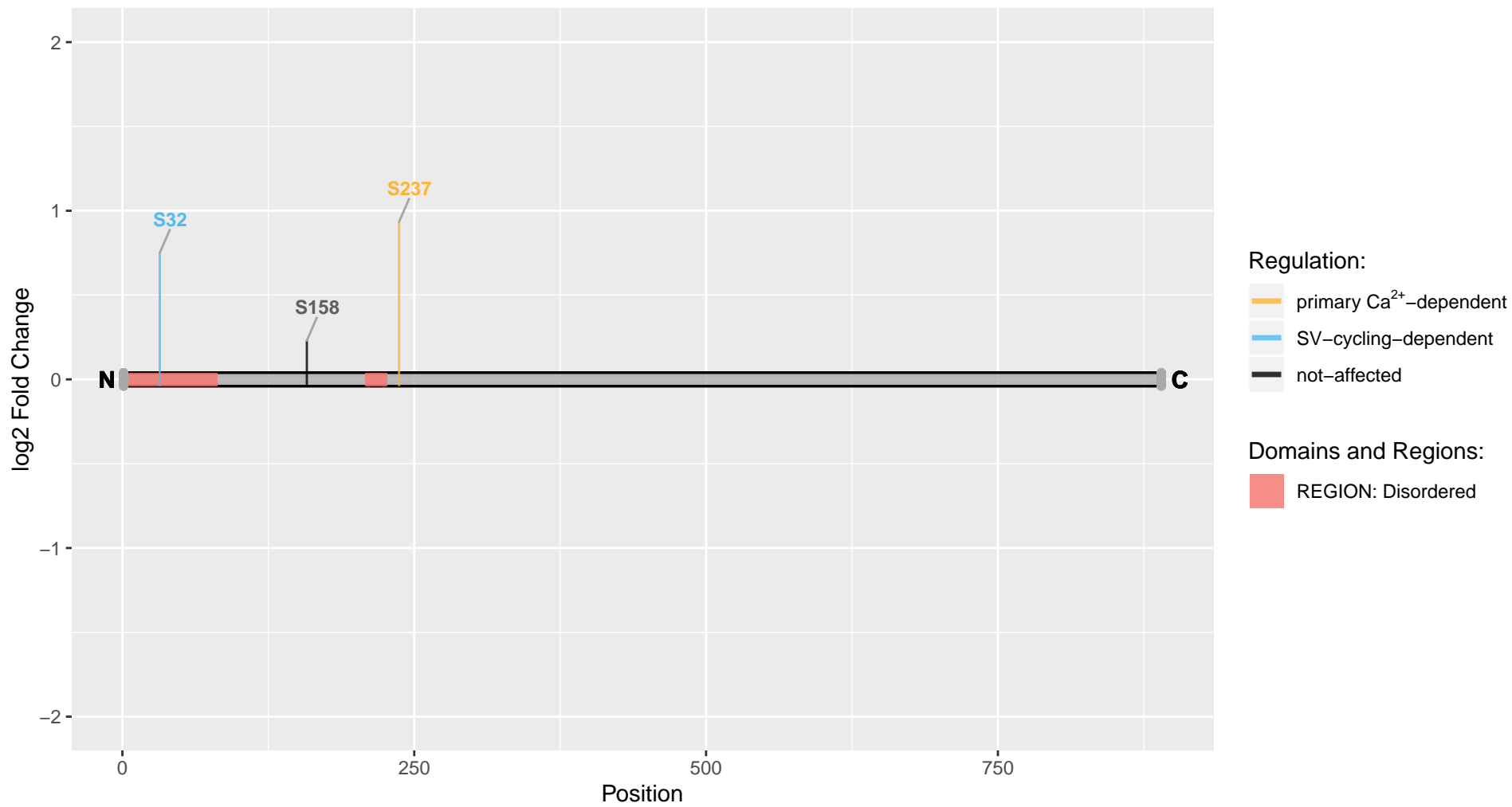
WD repeat-containing protein 7



Wfs1

Uniprot Accession: E9PT53

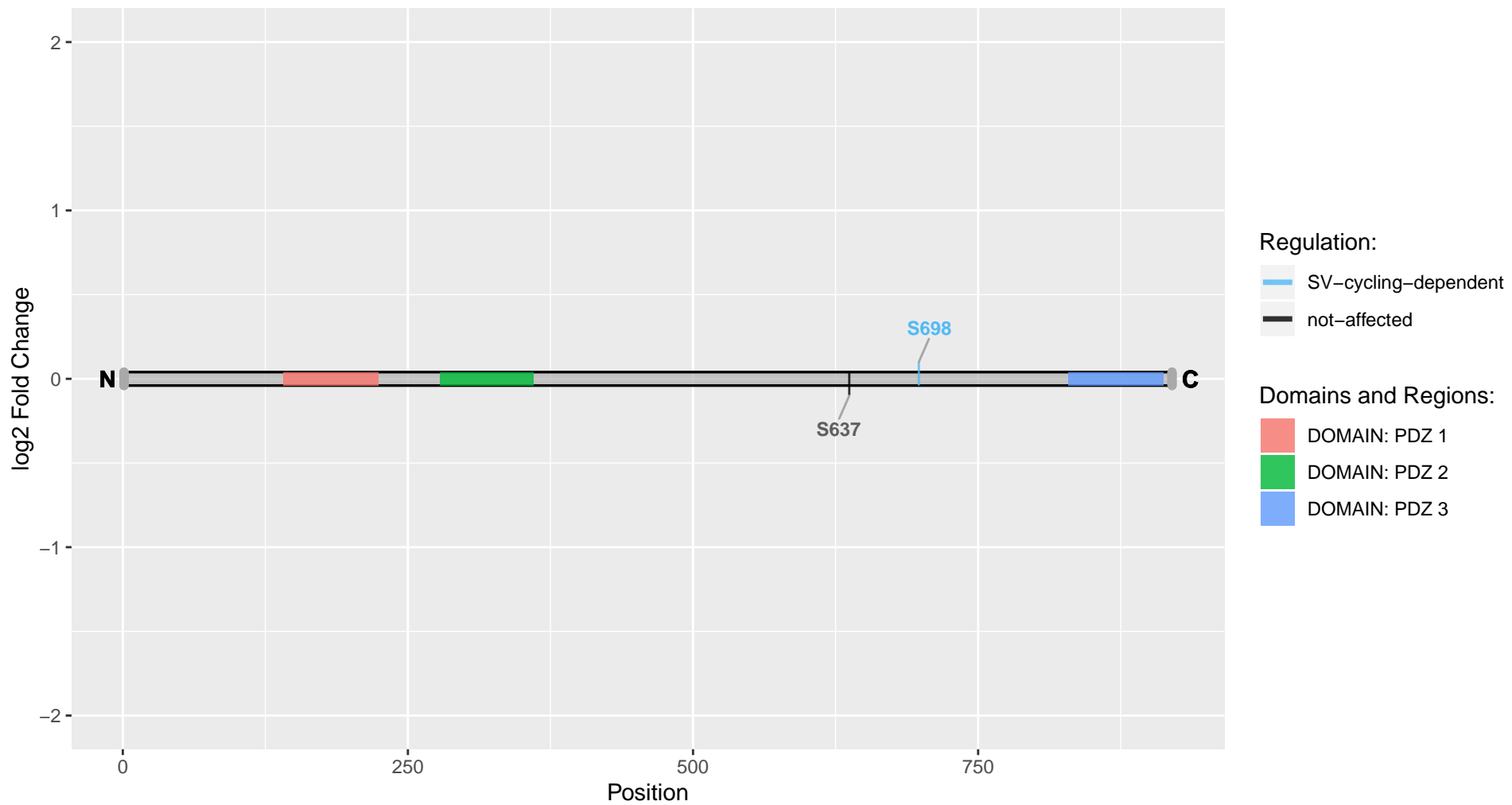
Wolfram syndrome 1 homolog (Human)



Whrn

Uniprot Accession: Q810W9

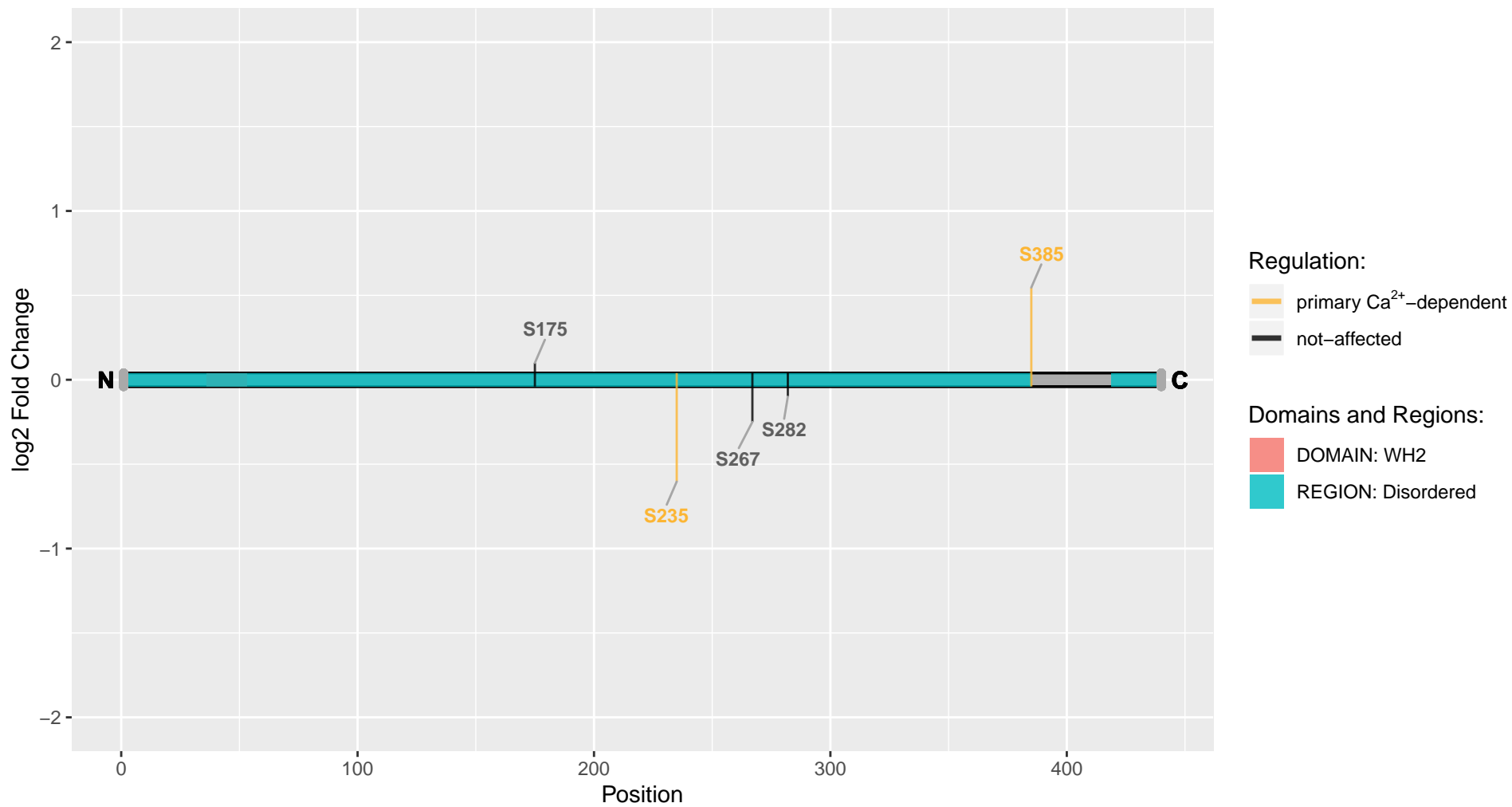
Whirlin



Wipf2

Uniprot Accession: D3ZUD3

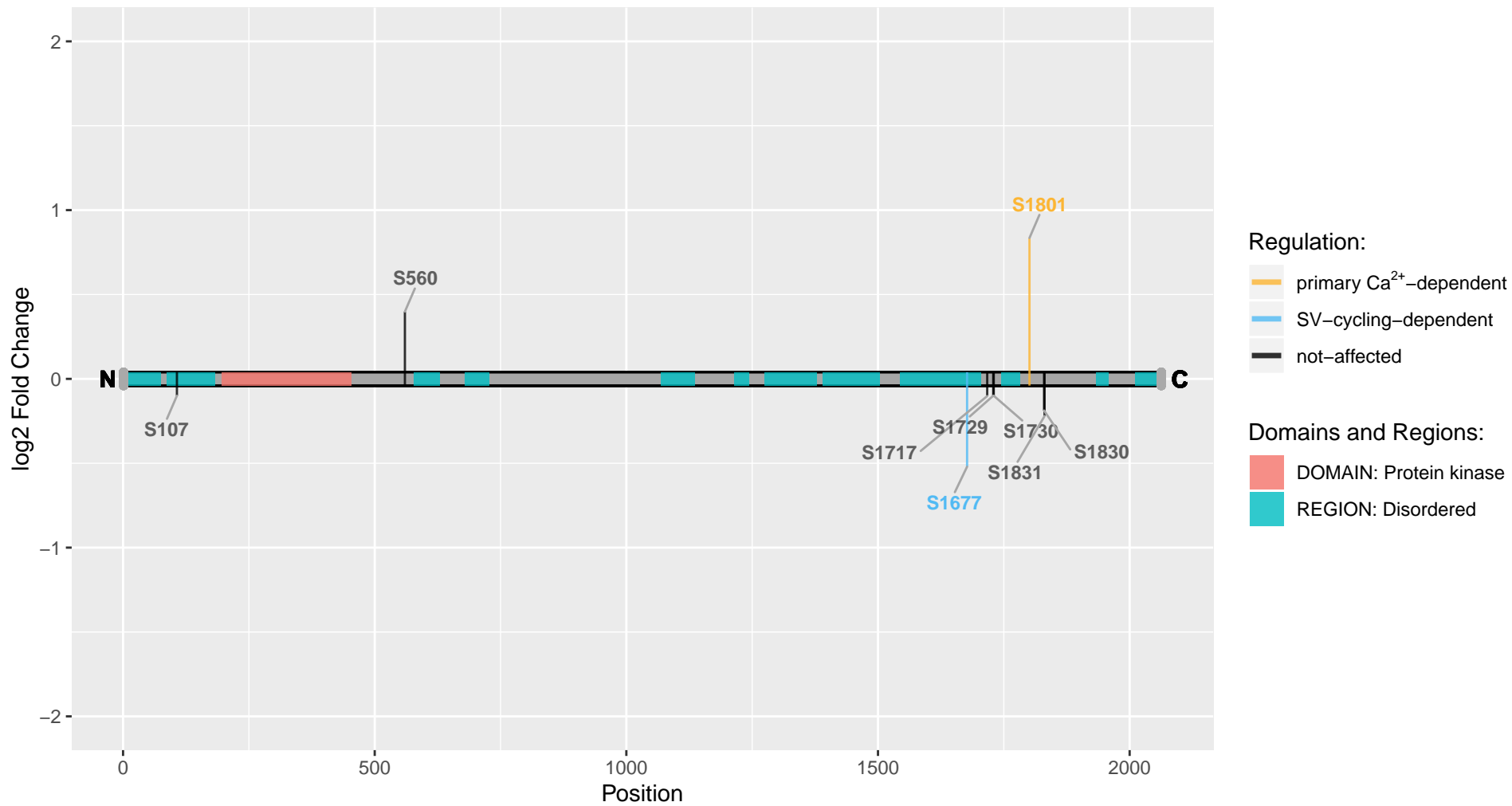
WAS/WASL-interacting protein family, member 2



Wnk2

Uniprot Accession: D3ZMJ7

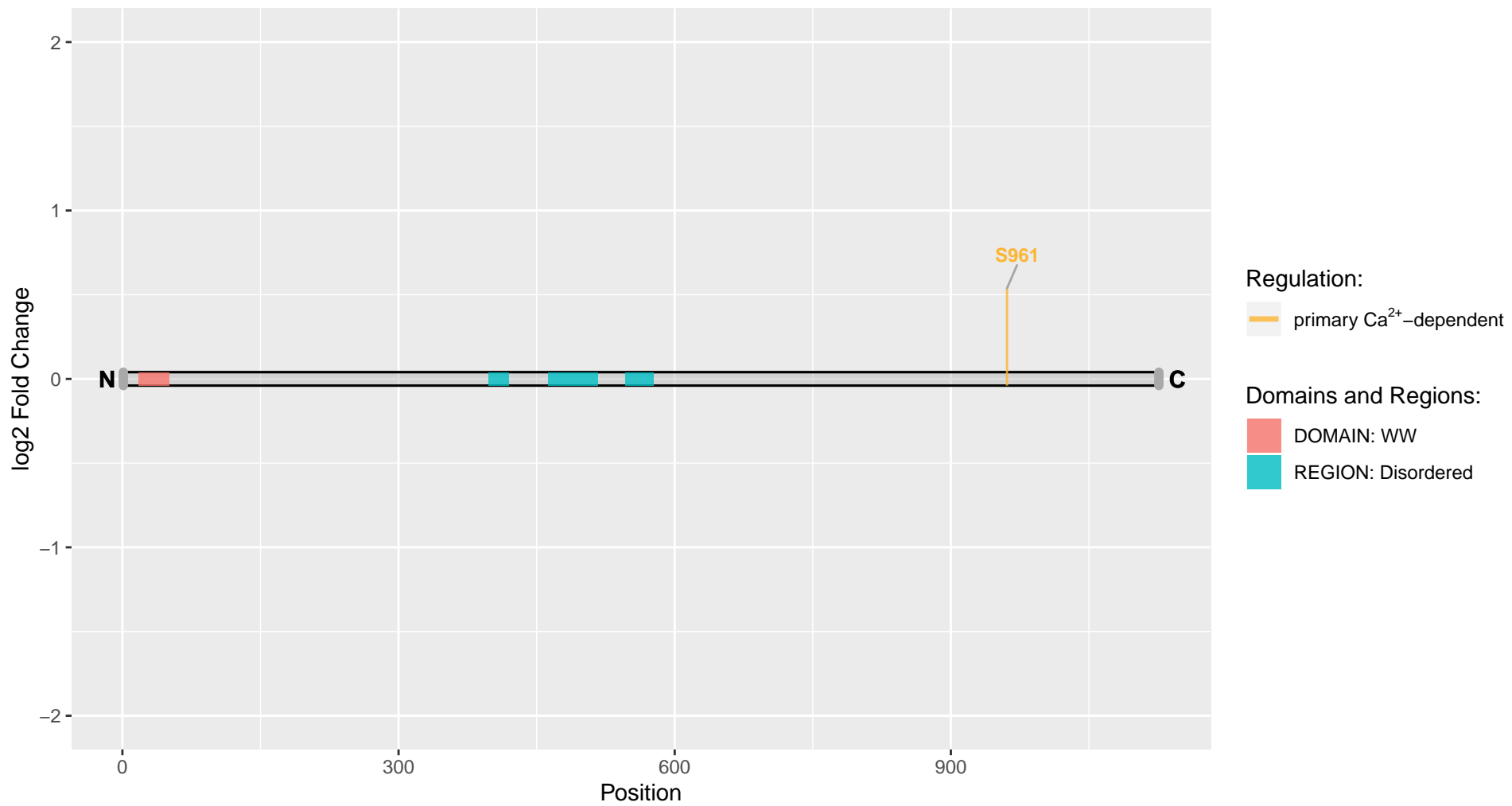
WNK lysine deficient protein kinase 2



Wwc3

Uniprot Accession: M0R8P6

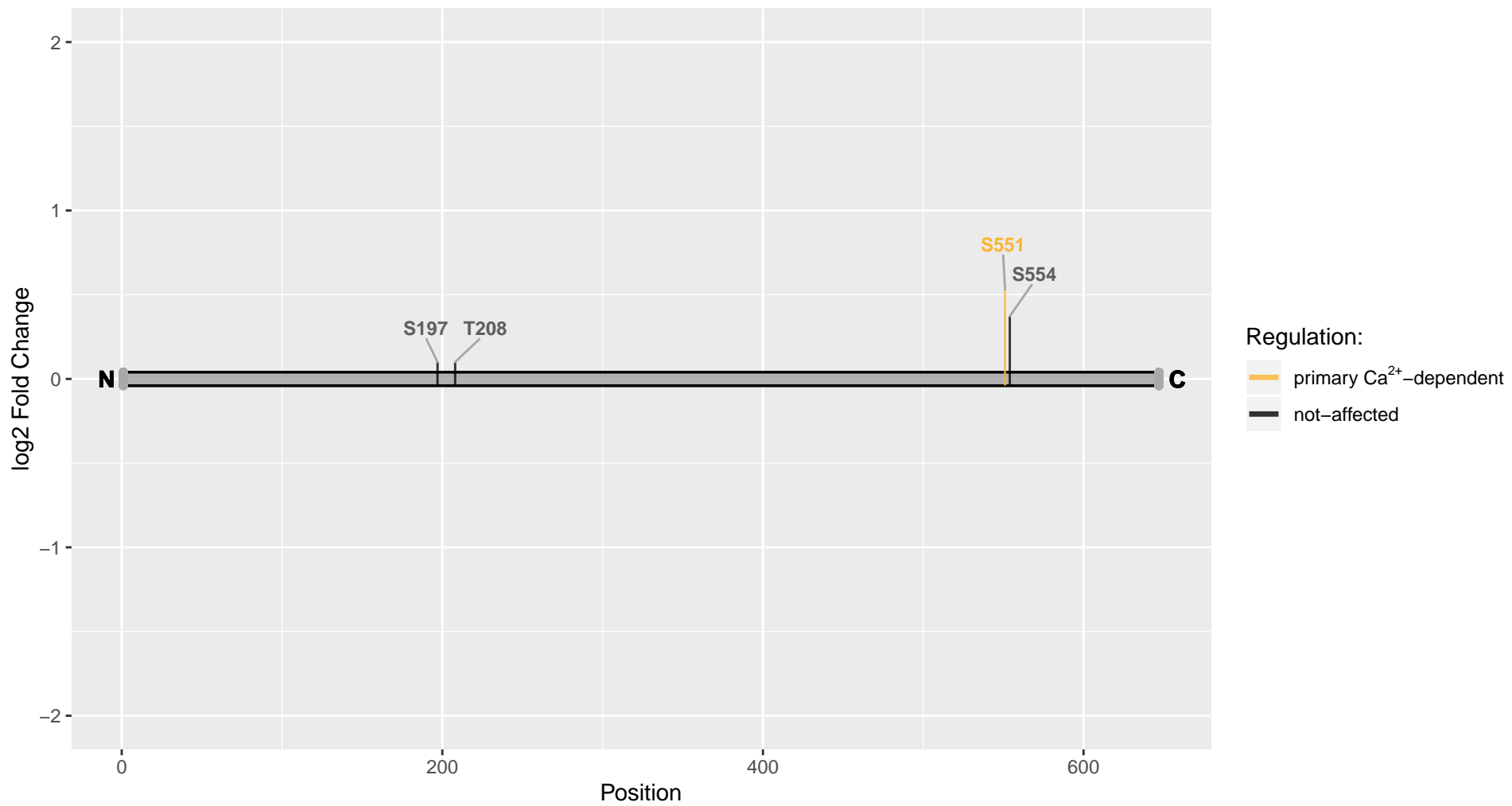
WWC family member 3



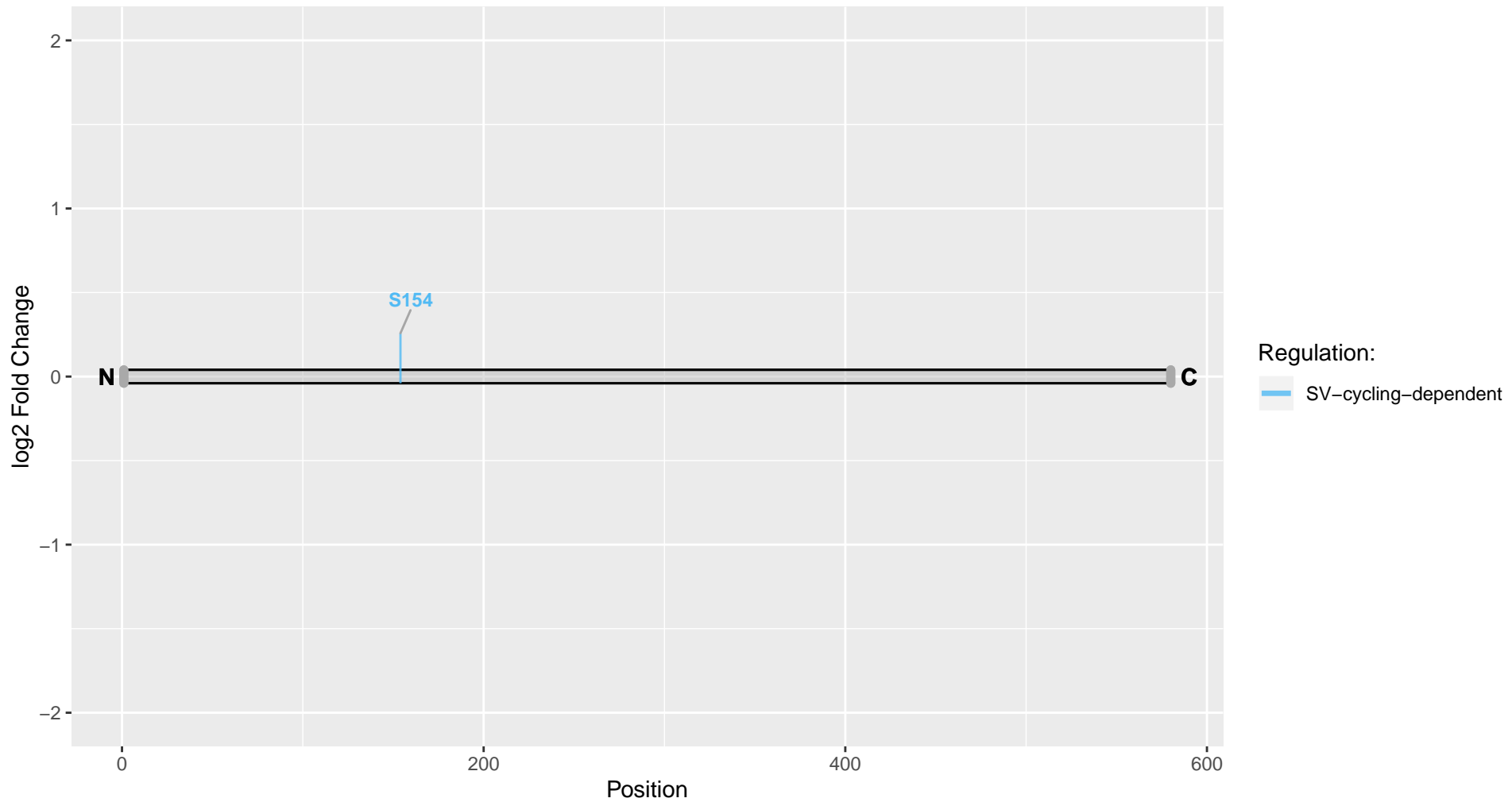
Xkr4

Uniprot Accession: Q5GH59

XK-related protein 4



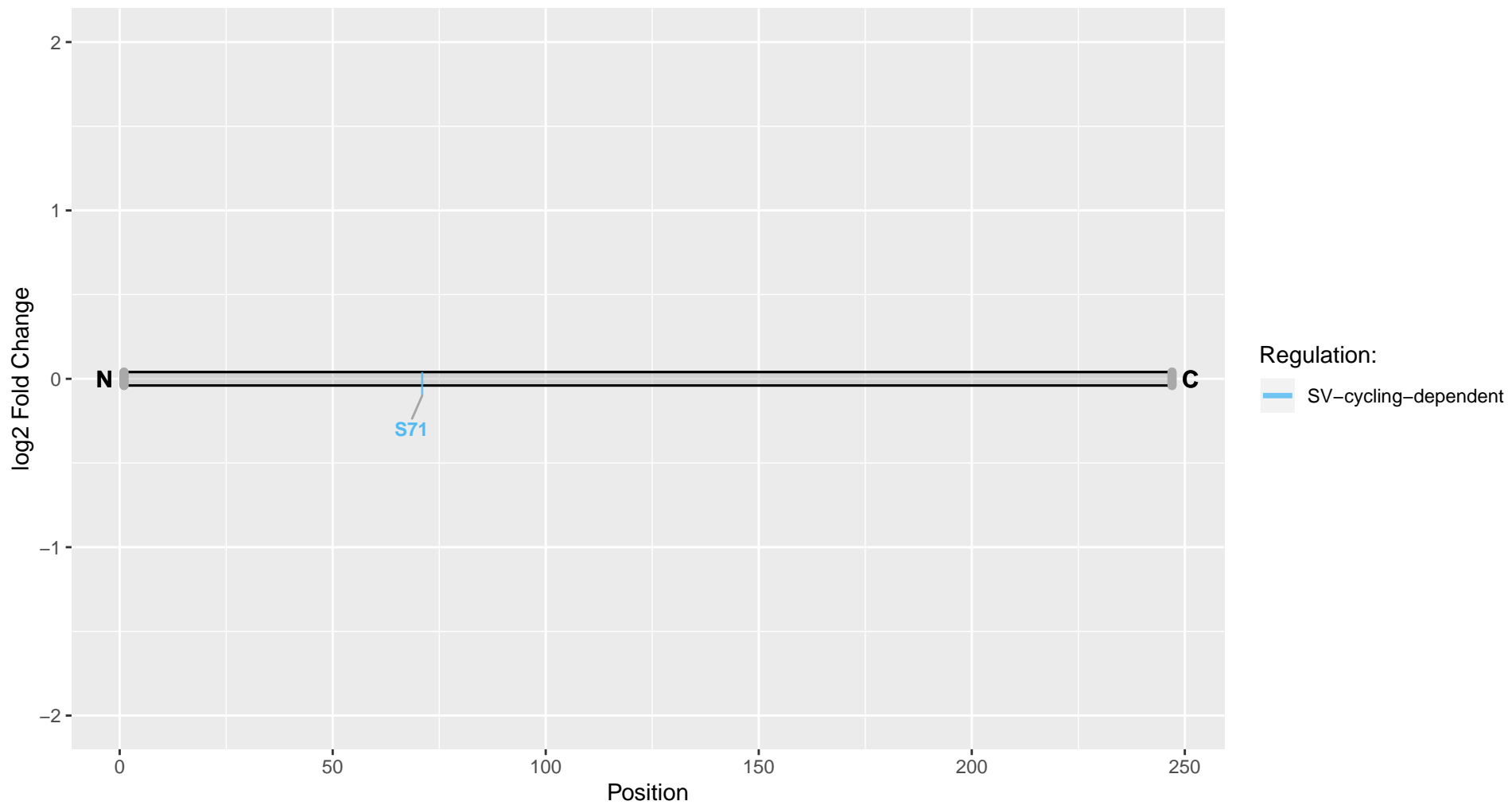
Xkr7
Uniprot Accession: Q5GH56
XK-related protein 7



Ywhag

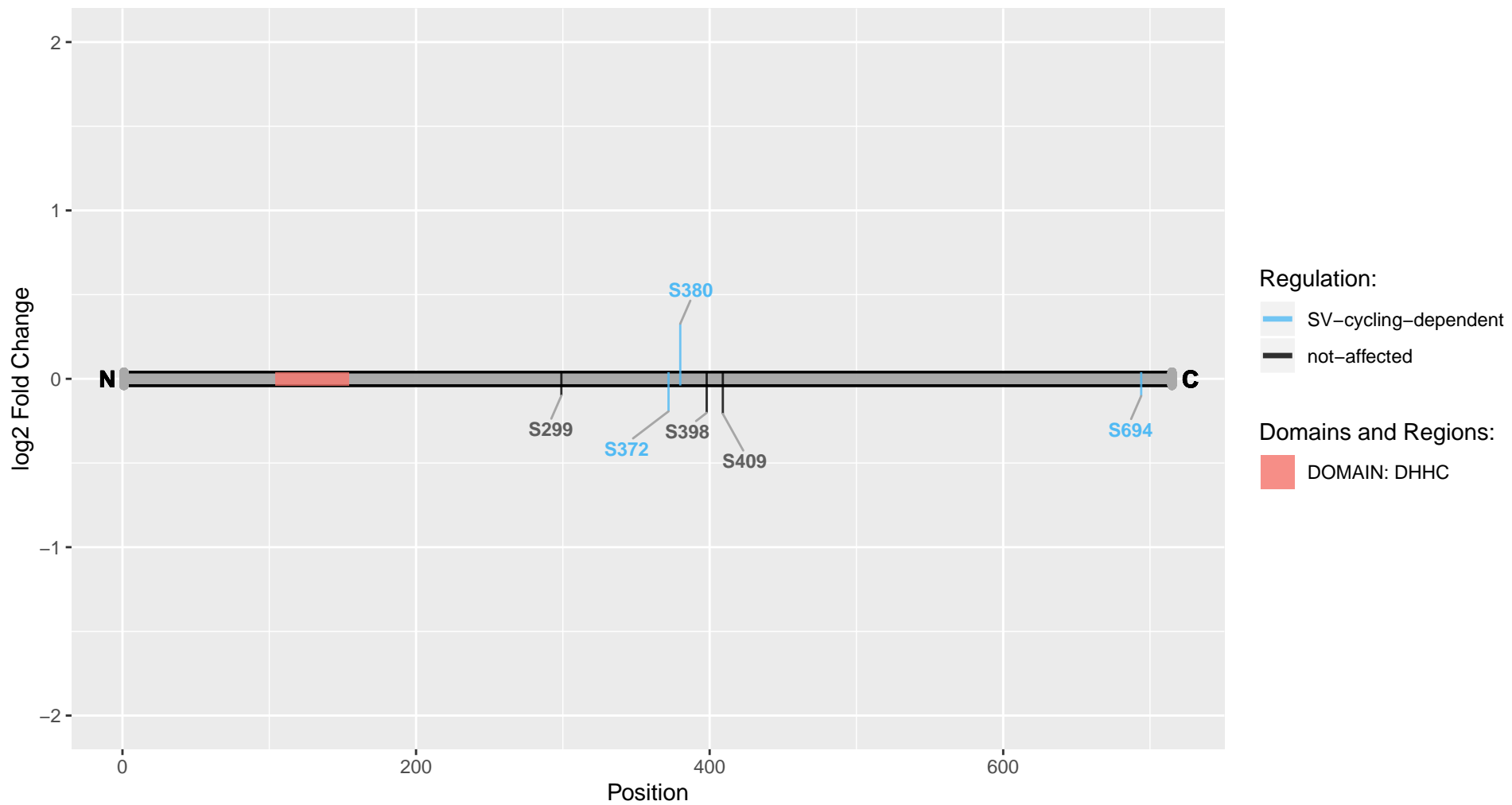
Uniprot Accession: P61983

14-3-3 protein gamma



Zdhhc5

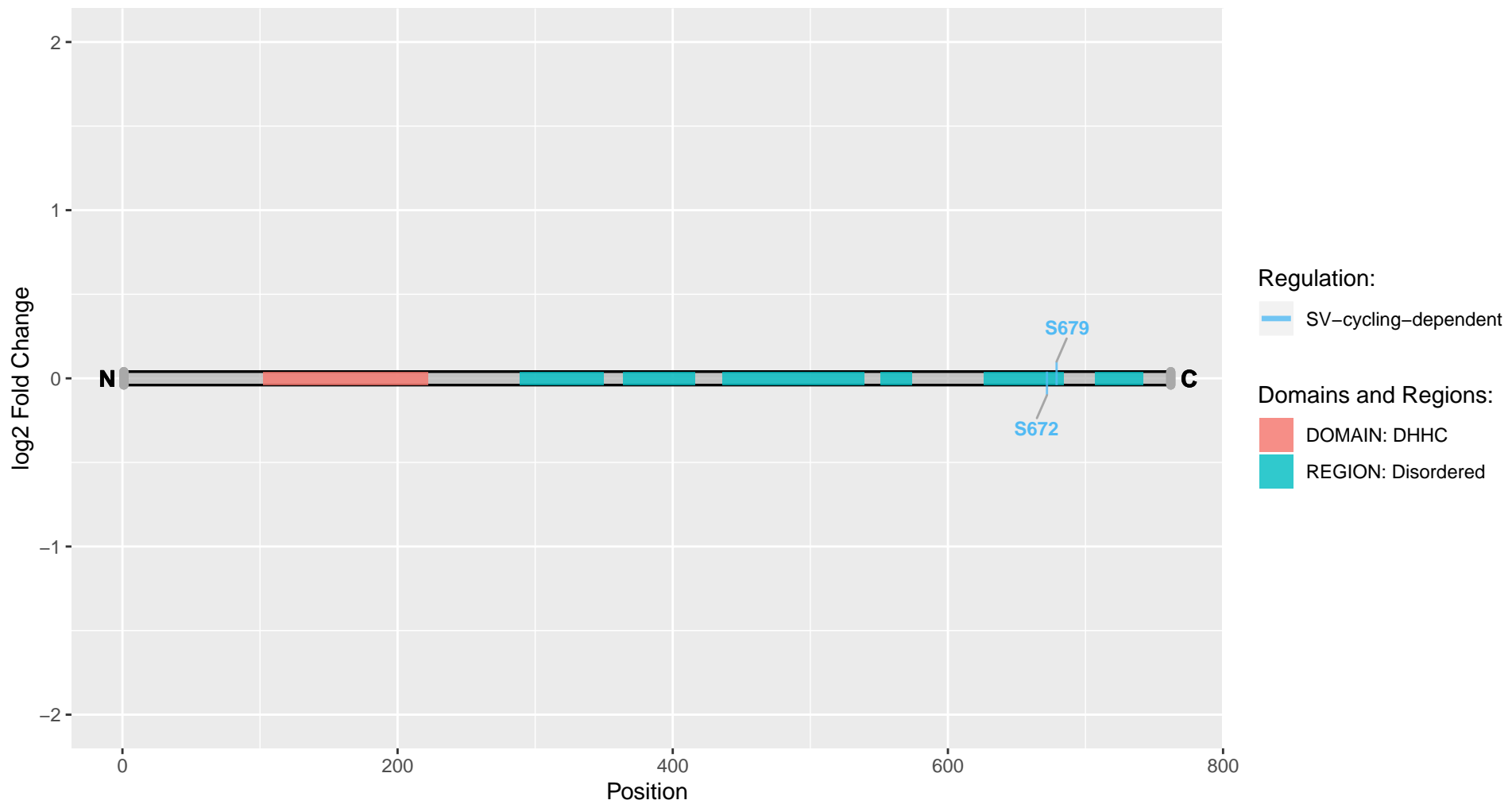
Uniprot Accession: Q2THW7
Palmitoyltransferase ZDHHC5



Zdhhc8

Uniprot Accession: Q2THW6

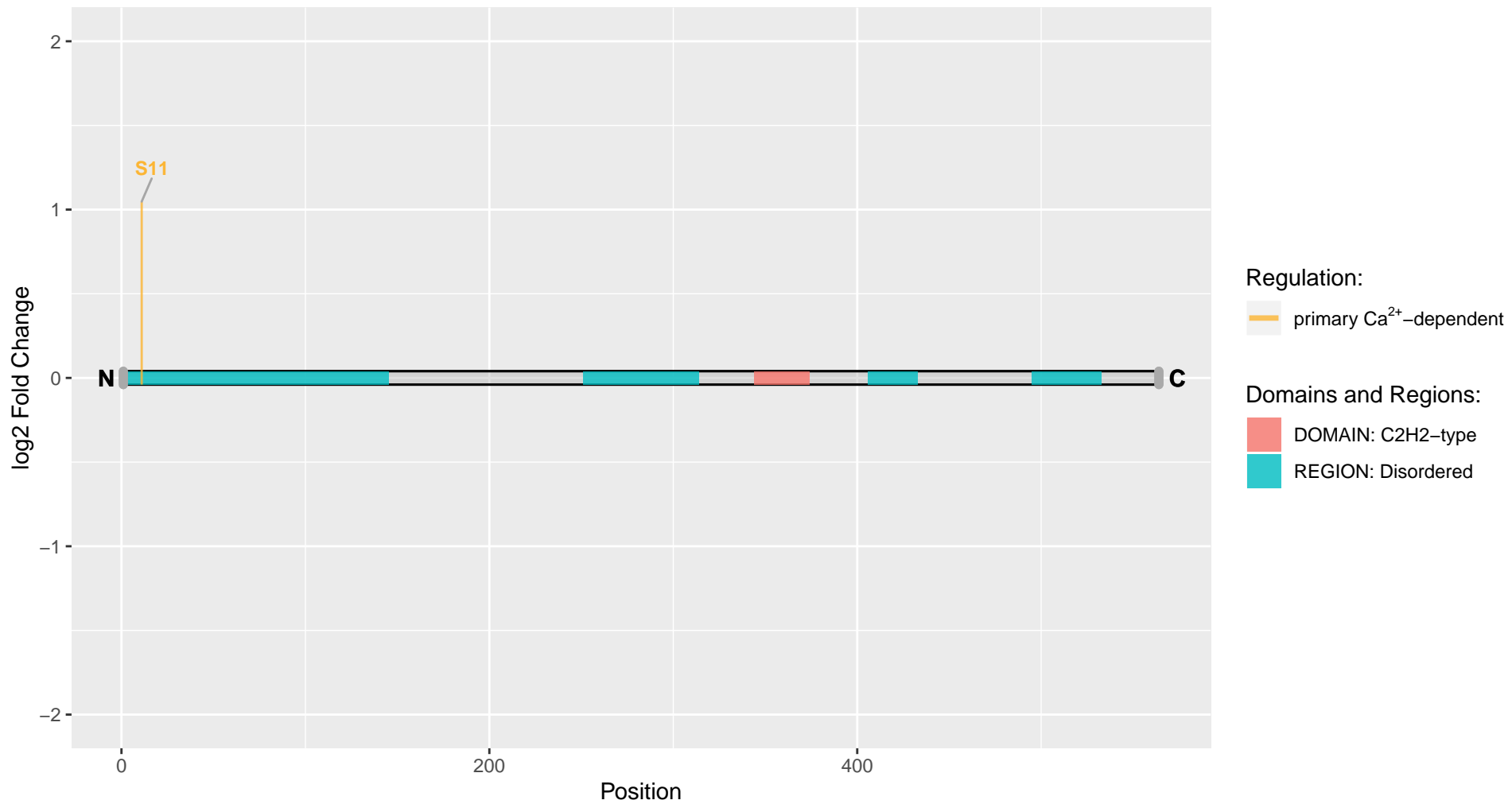
Palmitoyltransferase



Zfp704

Uniprot Accession: A0A0G2K951

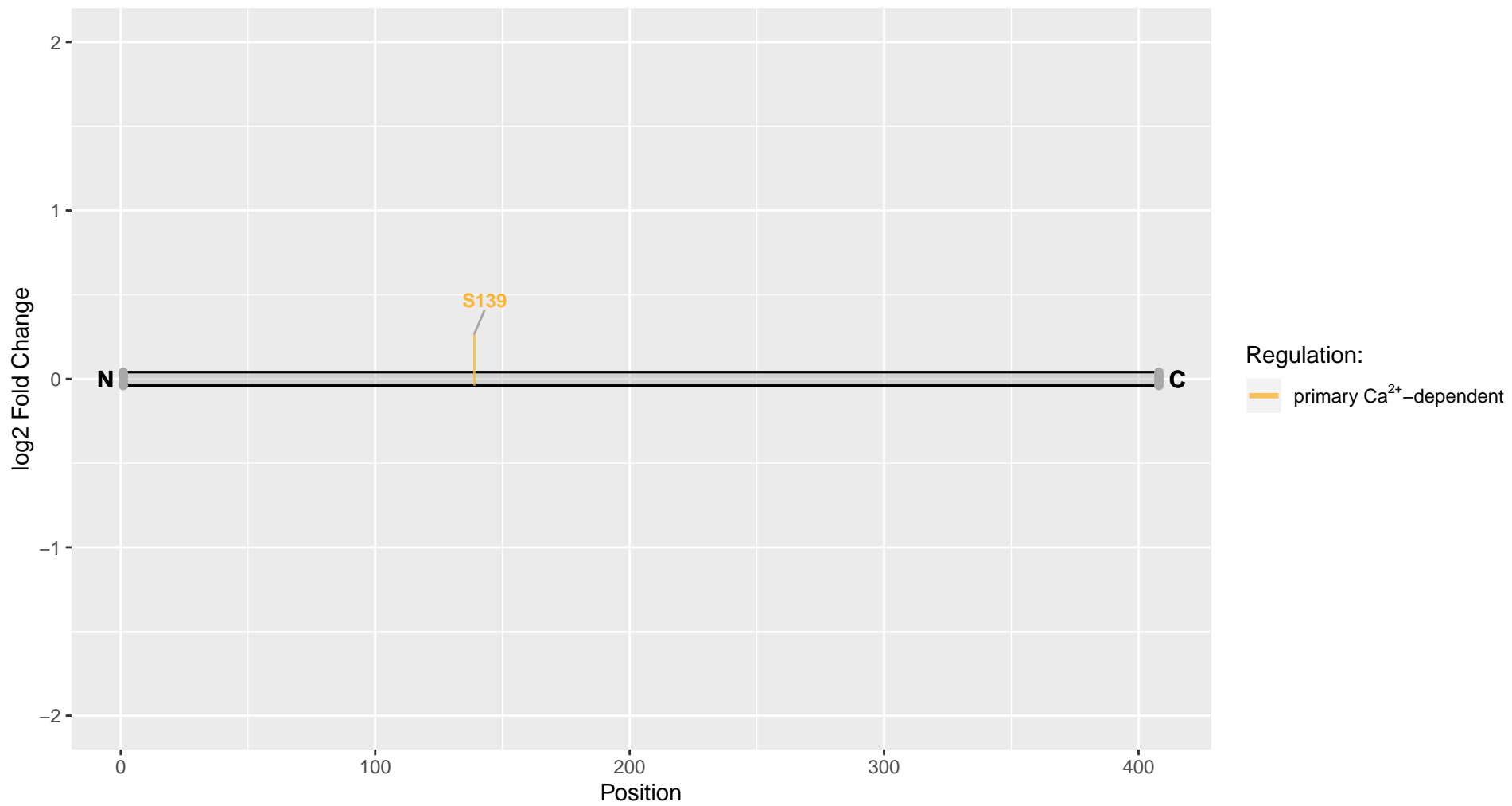
Zinc finger protein 704



Znf365

Uniprot Accession: Q5PQS2

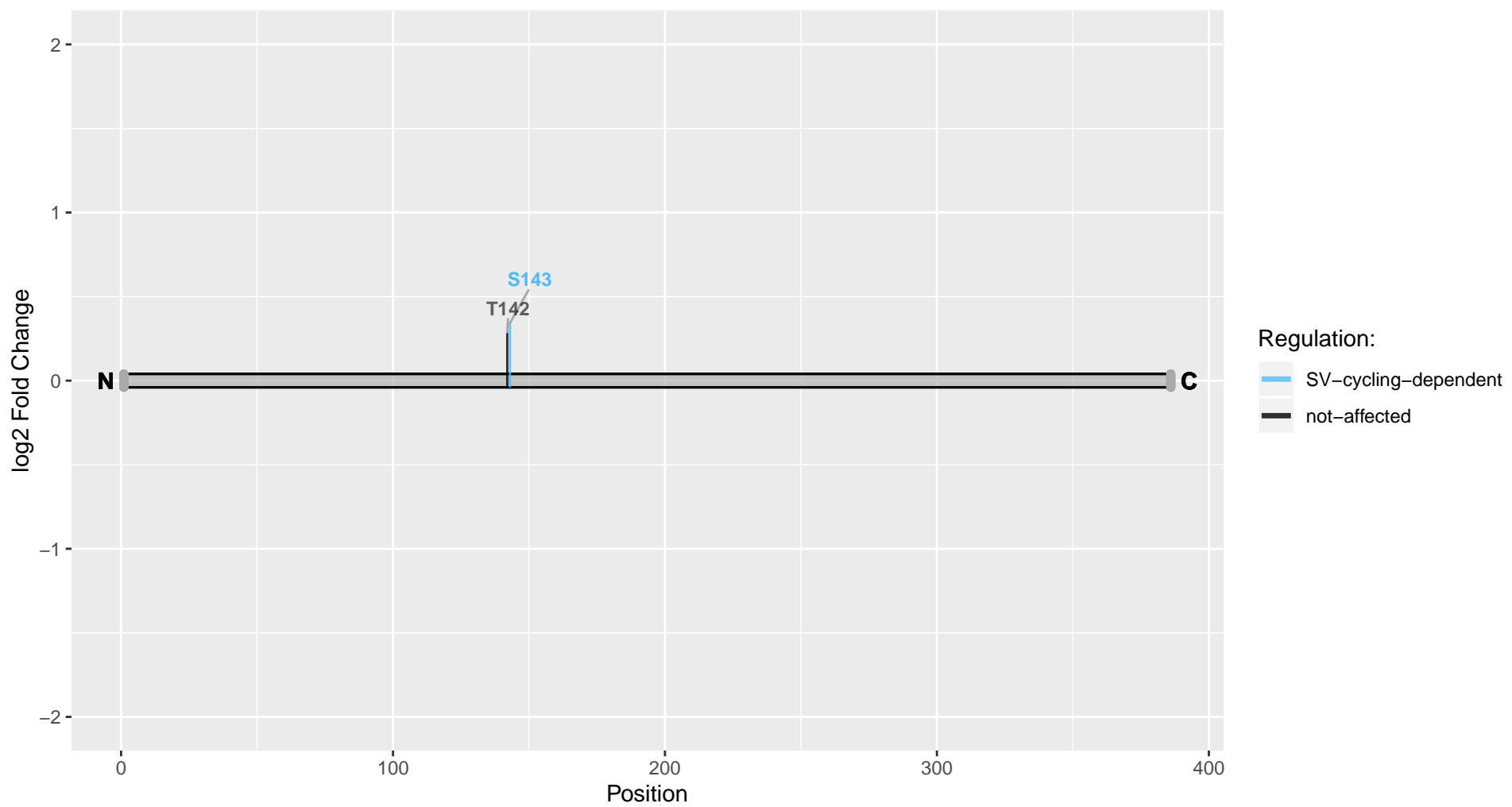
Protein ZNF365



Znf622

Uniprot Accession: Q7TM96

Zinc finger protein 622



Zrsr1

Uniprot Accession: Q5RK33

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

