

Transcript_id	Fold change	Bonferroni p-value	Uniprot hit
TRINITY_DN102883_c3_g1_i1	inf	1.286E-08	
TRINITY_DN10150_c0_g1_i5	inf		0
TRINITY_DN103034_c0_g2_i1	inf		0
TRINITY_DN104049_c1_g1_i1	inf		0
TRINITY_DN1061_c0_g4_i1	inf		0 TRYA
TRINITY_DN10678_c0_g1_i12	inf		0
TRINITY_DN10678_c1_g1_i2	inf		0
TRINITY_DN10884_c0_g1_i2	inf		0 VKT
TRINITY_DN10982_c0_g2_i2	inf		0 APM1D
TRINITY_DN1128_c2_g1_i2	inf		0
TRINITY_DN112_c0_g3_i1	inf		0 PGLR1
TRINITY_DN11547_c0_g1_i2	inf		0
TRINITY_DN46586_c0_g2_i1	8821.7727272727		0
TRINITY_DN276173_c2_g1_i1	8720.3333333333		0
TRINITY_DN994_c0_g2_i2	6906.4615384615		0 GUN4
TRINITY_DN1611_c0_g1_i1	6423.7948717949		0 ESTJ
TRINITY_DN16_c1_g4_i1	5513.7586206897		0 TRY3
TRINITY_DN67078_c0_g2_i1	4932.3571428571		0 GLCM
TRINITY_DN12248_c0_g1_i1	4874.0		0
TRINITY_DN16200_c0_g1_i1	4742.4385964912		0
TRINITY_DN12204_c0_g3_i2	4485.0		0 S17A5
TRINITY_DN1757_c0_g1_i1	4361.4693877551		0 LIPH
TRINITY_DN3847_c0_g1_i1	4264.9545454545		0 TRYP
TRINITY_DN4089_c1_g1_i1	4062.4545454545		0 TRY1
TRINITY_DN90951_c1_g1_i1	3846.0909090909		0 ESTF
TRINITY_DN1061_c0_g3_i1	3834.9468085106		0 TRYA
TRINITY_DN5356_c1_g1_i1	3236.5		0
TRINITY_DN295861_c0_g1_i1	3174.0		0 TRY1
TRINITY_DN6188_c0_g1_i4	3087.3913043478		0
TRINITY_DN3990_c3_g1_i1	2880.3125		0

TRINITY_DN15410_c0_g1_i7	2647.9411764706	0 GLCM4
TRINITY_DN109048_c0_g2_i1	2545.9337748344	0 LPSBP
TRINITY_DN3990_c0_g1_i6	2513.8125	0
TRINITY_DN15611_c0_g3_i1	2430.1111111111	0 DFP
TRINITY_DN381_c0_g1_i2	2358.1020408163	0 GLCM4
TRINITY_DN48991_c0_g1_i1	2261.0333333333	0
TRINITY_DN67078_c0_g1_i1	2258.4102564103	0 GLCM
TRINITY_DN277_c0_g2_i2	2029.1194029851	0 ESTJ
TRINITY_DN1099_c0_g3_i1	1965.2666666667	0
TRINITY_DN1852_c0_g1_i2	1963.64	0 TRY1
TRINITY_DN215_c1_g2_i1	1952.05	0 ESTE
TRINITY_DN3962_c0_g3_i1	1735.9090909091	0 ESTE
TRINITY_DN4492_c0_g3_i1	1709.9411764706	0
TRINITY_DN15935_c0_g2_i1	1608.8181818182	0
TRINITY_DN90951_c1_g3_i1	1564.4545454545	0 SASB
TRINITY_DN2814_c0_g2_i1	1550.1538461538	0 CO7A1
TRINITY_DN295787_c0_g1_i1	1506.5	0 LIPH
TRINITY_DN3962_c0_g1_i3	1475.5454545455	0 ESTF
TRINITY_DN1124_c0_g1_i3	1269.5507246377	0
TRINITY_DN7341_c0_g1_i6	1268.5106382979	0
TRINITY_DN8207_c0_g3_i1	1267.2784380306	0 CTB2
TRINITY_DN2904_c0_g1_i1	1265.3846153846	0 PGLR2
TRINITY_DN169557_c0_g1_i1	1261.0	0
TRINITY_DN8856_c6_g1_i1	1243.9726027397	0 LIPP
TRINITY_DN3269_c1_g4_i1	1229.935483871	0 SPI3
TRINITY_DN3731_c0_g1_i1	1222.1111111111	0

TRINITY_DN12204_c0_g1_i4	1220.0	0 S17A5
TRINITY_DN1351_c0_g1_i7	1211.7	0
TRINITY_DN6038_c3_g1_i1	1189.4285714286	0
TRINITY_DN2249_c0_g3_i1	1152.7142857143	0 VCP
TRINITY_DN16161_c0_g1_i1	1103.75	0 VCP
TRINITY_DN11449_c0_g1_i1	1081.25	0 PGLR2
TRINITY_DN25672_c1_g1_i1	1051.4	0
TRINITY_DN28212_c0_g2_i1	1046.2137096774	0 TRYP
TRINITY_DN64532_c0_g1_i1	1040.25	0 FUCO
TRINITY_DN172624_c0_g1_i4	1032.6666666667	0
TRINITY_DN1666_c1_g1_i1	1020.8461538462	0
TRINITY_DN2184_c1_g1_i1	1008.9	0
TRINITY_DN16_c1_g1_i3	983.8333333333	0 TRYP
TRINITY_DN5247_c0_g1_i2	977.8292682927	0 NCKX4
TRINITY_DN78943_c0_g1_i2	973.8333333333	0
TRINITY_DN15935_c0_g1_i1	960.1216216216	0
TRINITY_DN3110_c0_g1_i1	927.5	0
TRINITY_DN59998_c0_g2_i3	925.7777777778	0 LIPH
TRINITY_DN5266_c0_g1_i4	886.0526315789	0 MA2B1
TRINITY_DN112_c0_g2_i1	867.0454545455	0 PGLR1
TRINITY_DN277396_c0_g1_i1	855.1666666667	0 PGLR1
TRINITY_DN1288_c0_g4_i1	803.0	0 MAL1
TRINITY_DN2814_c0_g1_i1	785.0	0 TENA
TRINITY_DN111798_c0_g1_i6	772.5664893617	0 G12
TRINITY_DN1061_c0_g2_i1	770.1176470588	0 TRY1
TRINITY_DN112_c0_g1_i3	767.2702702703	0 PGLR1
TRINITY_DN47504_c4_g1_i1	726.7142857143	0 PTPRD
TRINITY_DN112_c0_g6_i1	721.8048780488	0 PGLR1
TRINITY_DN33295_c2_g1_i1	679.7142857143	0
TRINITY_DN810_c0_g1_i2	656.9583333333	0
TRINITY_DN4089_c0_g1_i1	647.0810810811	0 TRY1
TRINITY_DN3501_c1_g1_i1	587.9	0 DHGL
TRINITY_DN1574_c0_g1_i1	582.4571428571	0 GLCM
TRINITY_DN5181_c8_g1_i1	573.0094438615	0
TRINITY_DN964_c0_g2_i1	558.4210526316	0 GUN7
TRINITY_DN65535_c1_g1_i2	552.4736842105	0 PGLR1
TRINITY_DN2134_c0_g1_i2	551.3414634146	0

TRINITY_DN12204_c0_g2_i2	540.3	0 S17A5
TRINITY_DN3269_c1_g3_i3	538.8299319728	0 ILEUB
TRINITY_DN994_c1_g1_i1	533.3703703704	0 GUNF
TRINITY_DN14080_c0_g1_i1	512.5454545455	0 PPAP
TRINITY_DN260247_c0_g1_i1	479.1363636364	0 NAS7
TRINITY_DN17924_c2_g1_i1	470.25	0
TRINITY_DN324442_c0_g1_i1	458.8333333333	0
TRINITY_DN26_c5_g1_i1	458.4897959184	0 GLCM
TRINITY_DN2792_c0_g1_i5	456.0	0
TRINITY_DN1730_c0_g3_i1	452.8666666667	0 S2611
TRINITY_DN71827_c0_g3_i1	446.9285714286	0 FUCO
TRINITY_DN82265_c0_g1_i1	440.1818181818	0
TRINITY_DN35208_c0_g1_i2	428.7222222222	0 MYORG
TRINITY_DN7679_c2_g1_i1	428.0731707317	0
TRINITY_DN1312_c0_g2_i1	424.3559322034	0 GLBL3
TRINITY_DN1238_c0_g1_i1	423.1890547264	0 TRY4
TRINITY_DN6470_c1_g1_i1	415.9285714286	0
TRINITY_DN257381_c0_g1_i1	408.68	0
TRINITY_DN761_c0_g2_i1	408.2727272727	0
TRINITY_DN27628_c0_g1_i1	402.6666666667	0 ESTJ
TRINITY_DN298283_c0_g1_i1	392.8125	0 MAL2
TRINITY_DN59998_c0_g1_i6	392.157480315	0 LIPH
TRINITY_DN235704_c0_g1_i1	387.3888888889	0 TRY1
TRINITY_DN381_c0_g4_i1	385.8805309735	0 GLCM
TRINITY_DN1922_c6_g1_i1	380.9743589744	0 GILT1
TRINITY_DN236655_c0_g1_i1	368.6888888889	0 CTRB1
TRINITY_DN6303_c2_g1_i1	360.7272727273	0
TRINITY_DN256355_c0_g1_i1	360.1818181818	0
TRINITY_DN556_c0_g1_i1	359.7795275591	0 LYAG
TRINITY_DN317100_c0_g1_i1	348.4861407249	0 OBSTE
TRINITY_DN282572_c0_g1_i1	347.8	0
TRINITY_DN215978_c0_g1_i1	346.8936170213	0 TM11G
TRINITY_DN5670_c0_g5_i1	339.9230769231	0 GLBL2
TRINITY_DN1950_c0_g3_i1	320.5581395349	0 PGLR2
TRINITY_DN6080_c0_g1_i1	318.9642857143	0 GALM
TRINITY_DN964_c0_g1_i1	316.4285714286	0 GUN4
TRINITY_DN2094_c0_g1_i1	311.7142857143	0
TRINITY_DN216546_c0_g1_i1	305.5384615385	0 NPC2
TRINITY_DN275654_c0_g1_i1	304.9068627451	0 AMY1
TRINITY_DN1950_c0_g4_i1	298.5570469799	0 PGLR1

TRINITY_DN118212_c0_g1_i2	294.0	0
TRINITY_DN1326_c0_g3_i2	291.8	0
TRINITY_DN275589_c0_g1_i1	289.4489795918	0 MAL1
TRINITY_DN1938_c0_g1_i3	283.5416666667	0 GLCM
TRINITY_DN2911_c1_g2_i1	278.1077441077	0
TRINITY_DN275674_c0_g1_i1	276.3409090909	0 LPH
TRINITY_DN187_c0_g1_i1	276.3097199341	0 LIP3
TRINITY_DN4357_c0_g1_i1	271.4285714286	0 WAPA
TRINITY_DN1326_c0_g2_i2	270.6666666667	0
TRINITY_DN758_c0_g2_i3	266.3888888889	0 GLCM
TRINITY_DN2249_c0_g1_i1	264.7948717949	0 VCP
TRINITY_DN52225_c0_g2_i1	262.0081061164	0
TRINITY_DN13179_c0_g5_i1	258.5	0
TRINITY_DN459_c0_g1_i1	257.5714285714	0 VCP
TRINITY_DN51244_c0_g1_i1	256.7695035461	0 LPSBP
TRINITY_DN2186_c0_g1_i1	254.5662650602	0
TRINITY_DN255859_c0_g1_i1	252.6482758621	0 ILEU
TRINITY_DN1666_c1_g2_i1	252.3	0
TRINITY_DN142262_c0_g1_i1	243.7368421053	0
TRINITY_DN19369_c0_g1_i1	243.5	0
TRINITY_DN21942_c0_g1_i1	242.45	0 GLBL3
TRINITY_DN1061_c0_g1_i2	239.0204572804	0 TRY1
TRINITY_DN3816_c0_g1_i3	236.875	0
TRINITY_DN653_c0_g3_i1	229.5625	0 TENR
TRINITY_DN46361_c0_g1_i1	229.0909090909	0
TRINITY_DN16231_c1_g3_i3	228.6	0 CTRB2
TRINITY_DN761_c0_g3_i1	228.25	0
TRINITY_DN1838_c0_g1_i4	228.1895424837	0
TRINITY_DN3429_c0_g2_i1	223.6166666667	0 LPH
TRINITY_DN976_c0_g1_i1	222.858974359	0
TRINITY_DN2911_c1_g1_i3	220.0612244898	0 PAI1
TRINITY_DN7070_c0_g1_i3	216.625	0 S17A5
TRINITY_DN459_c0_g2_i1	213.8125	0 VCP
TRINITY_DN3916_c0_g1_i3	210.2307692308	0
TRINITY_DN16231_c1_g5_i1	207.8461538462	0
TRINITY_DN112_c0_g7_i1	206.5806451613	0 PGLR1
TRINITY_DN595_c0_g1_i1	206.1875	0 CHI10
TRINITY_DN256967_c0_g1_i1	202.3513513514	0
TRINITY_DN13416_c5_g1_i1	202.0	0
TRINITY_DN994_c0_g1_i5	201.8591549296	0 GUN5
TRINITY_DN39811_c0_g1_i2	201.2857142857	0 CPP1

TRINITY_DN295811_c0_g1_i1	199.7777777778	0 PGLR1
TRINITY_DN375_c0_g1_i7	197.6666666667	0 HOL2
TRINITY_DN994_c0_g3_i2	189.7623318386	0 GUNA
TRINITY_DN1645_c0_g1_i1	189.358974359	0
TRINITY_DN1567_c1_g2_i1	189.125	0 ARSI
TRINITY_DN30649_c0_g1_i4	187.0	0 TRET1
TRINITY_DN275771_c0_g1_i1	184.0	0
TRINITY_DN12045_c0_g3_i2	181.5954323002	0 CEX1
TRINITY_DN295970_c0_g1_i1	179.8169934641	0 GLCM
TRINITY_DN3755_c0_g1_i2	176.5632183908	0 UN93L
TRINITY_DN278127_c0_g1_i1	171.4285714286	0 LPSBP
TRINITY_DN316336_c0_g1_i1	169.9	0
TRINITY_DN2904_c0_g3_i5	169.3076923077	0 PGLR1
TRINITY_DN2910_c0_g1_i2	168.1538461538	0
TRINITY_DN297273_c0_g1_i1	167.6666666667	0 CO7A1
TRINITY_DN6192_c0_g2_i1	166.125	0
TRINITY_DN217746_c0_g1_i1	165.6451612903	0 LIPR1
TRINITY_DN91995_c0_g2_i1	165.3636363636	0
TRINITY_DN529_c0_g4_i1	165.0909090909	0
TRINITY_DN880_c0_g1_i2	161.7912087912	0 NAS7
TRINITY_DN35571_c0_g1_i3	160.3225806452	0 ERG3
TRINITY_DN1615_c0_g1_i3	160.1635846373	0 G12
TRINITY_DN41541_c0_g1_i2	157.2686567164	0 TRY5
TRINITY_DN235422_c0_g1_i1	156.8	0
TRINITY_DN6108_c0_g1_i9	155.1065375303	0
TRINITY_DN138776_c0_g2_i3	150.6666666667	0
TRINITY_DN1578_c0_g1_i4	149.6666666667	0
TRINITY_DN55011_c0_g2_i1	148.9361702128	0 BGLR
TRINITY_DN213_c0_g1_i1	145.1397306397	0 G12
TRINITY_DN6192_c0_g1_i3	144.0	0
TRINITY_DN595_c0_g2_i1	142.6834532374	0 CHI10
TRINITY_DN1288_c0_g3_i2	142.6071428571	0 MAL1
TRINITY_DN653_c0_g2_i1	141.5555555556	0
TRINITY_DN1154_c3_g1_i1	137.0	5.145E-12
TRINITY_DN15587_c0_g1_i1	136.4642857143	0 TENR
TRINITY_DN4136_c0_g1_i8	135.1087962963	0
TRINITY_DN5076_c1_g6_i1	134.2142857143	0
TRINITY_DN327_c2_g1_i1	134.05	0
TRINITY_DN8201_c2_g1_i4	133.625	0
TRINITY_DN277_c0_g5_i1	133.4264705882	0 EST1
TRINITY_DN1521_c1_g1_i5	132.0769230769	0
TRINITY_DN254975_c0_g1_i1	131.049382716	0 TSSP
TRINITY_DN10855_c0_g1_i1	130.4741784038	0
TRINITY_DN640_c0_g5_i1	130.3571428571	0 FLVC2

TRINITY_DN5831_c1_g2_i1	129.125	0
TRINITY_DN65535_c3_g1_i1	127.875	0 PGLR1
TRINITY_DN1478_c1_g2_i1	127.6666666667	0 PPAL
TRINITY_DN165_c1_g1_i1	126.3106796117	0 LPH
TRINITY_DN1575_c0_g1_i5	125.4166666667	0 PGLR2
TRINITY_DN15027_c5_g1_i1	124.25	0
TRINITY_DN1252_c1_g1_i1	123.8518518519	0 AK1A1
TRINITY_DN182917_c0_g1_i3	121.125	0
TRINITY_DN4119_c0_g1_i10	118.3636363636	0 HEXD
TRINITY_DN6015_c0_g3_i2	118.1428571429	0 DHGL
TRINITY_DN40328_c1_g1_i2	117.3	0
TRINITY_DN13202_c2_g1_i1	115.6666666667	0
TRINITY_DN98096_c2_g1_i1	115.375	0
TRINITY_DN26802_c0_g4_i2	115.1666666667	0
TRINITY_DN603_c0_g4_i2	114.9701492537	0 AMPN
TRINITY_DN33535_c0_g3_i1	114.1538461538	0 CTRB1
TRINITY_DN275925_c0_g1_i1	113.0740740741	0
TRINITY_DN50896_c1_g1_i1	111.3684210526	0 TY3H
TRINITY_DN5076_c1_g1_i1	110.5714285714	0
TRINITY_DN3429_c0_g1_i2	109.9262672811	0 MYRO1
TRINITY_DN21984_c2_g1_i1	108.7096774194	0
TRINITY_DN3889_c0_g2_i1	105.5714285714	0 ESTE
TRINITY_DN2904_c0_g2_i1	103.2857142857	0 PGLR1
TRINITY_DN30055_c0_g1_i3	103.0	0 MSPI2
TRINITY_DN26045_c5_g1_i1	101.9545454545	0
TRINITY_DN14005_c0_g1_i1	100.9	0 CALRL
TRINITY_DN653_c0_g1_i4	99.6610169492	0 FINC
TRINITY_DN4702_c1_g1_i2	98.3731343284	0 MA2B1
TRINITY_DN6997_c0_g1_i1	98.2727272727	0 NLGNX
TRINITY_DN11618_c0_g1_i1	98.0	1.262E-07
TRINITY_DN14277_c0_g4_i1	98.0	0
TRINITY_DN12617_c0_g1_i3	96.0	0
TRINITY_DN1838_c0_g2_i1	95.3125	0
TRINITY_DN155809_c0_g1_i1	95.3076923077	0
TRINITY_DN19665_c0_g4_i1	94.5625	0 DCC
TRINITY_DN500_c13_g1_i1	94.2105263158	0
TRINITY_DN180762_c0_g1_i1	94.0	0
TRINITY_DN1013_c25_g1_i1	93.75	0
TRINITY_DN630_c0_g1_i1	91.8260869565	0
TRINITY_DN1574_c1_g1_i1	90.2335025381	0 GLCM
TRINITY_DN634_c2_g1_i1	89.375	0
TRINITY_DN40028_c0_g2_i1	88.9395973154	0 CTR2
TRINITY_DN789_c0_g2_i1	87.8	0
TRINITY_DN2249_c2_g1_i1	86.4	0

TRINITY_DN25647_c0_g1_i1	85.4	0
TRINITY_DN13980_c0_g1_i1	85.3428571429	0 TRY7
TRINITY_DN15591_c6_g1_i1	85.2666666667	0 YM67
TRINITY_DN26750_c4_g1_i1	83.6	0
TRINITY_DN1392_c0_g1_i1	83.4038461538	0
TRINITY_DN112_c0_g4_i1	83.2156862745	0 PGLR1
TRINITY_DN238216_c0_g1_i1	83.1554404145	0
TRINITY_DN165_c0_g2_i1	82.7142857143	0 MYRO1
TRINITY_DN28462_c0_g3_i1	82.5	0
TRINITY_DN226_c0_g2_i1	82.1153846154	0 GLCM
TRINITY_DN57351_c0_g1_i1	81.7173642768	0 LIPH
TRINITY_DN21466_c0_g3_i1	80.4	0
TRINITY_DN22233_c0_g9_i1	80.2	0
TRINITY_DN22258_c0_g3_i1	80.2	0
TRINITY_DN6236_c0_g1_i12	79.6602316602	0 PE1
TRINITY_DN5831_c0_g2_i1	79.3636363636	0
TRINITY_DN5941_c0_g1_i2	78.8387096774	0 NRF6
TRINITY_DN262587_c0_g1_i1	78.6642857143	0
TRINITY_DN25071_c0_g1_i3	76.5373134328	0 CBPZ
TRINITY_DN72909_c0_g1_i1	76.2142857143	0
TRINITY_DN950_c0_g2_i2	75.9393939394	0 CBPZ
TRINITY_DN131964_c2_g1_i1	75.3333333333	0
TRINITY_DN1395_c0_g1_i10	74.75429727	0 CTRB1
TRINITY_DN19341_c0_g3_i1	74.6153846154	0
TRINITY_DN187607_c0_g1_i1	74.5	0
TRINITY_DN327_c2_g4_i1	74.1363636364	0
TRINITY_DN950_c0_g6_i1	73.6278342455	0 CBPA1
TRINITY_DN396_c5_g1_i1	72.8571428571	0
TRINITY_DN6029_c0_g1_i1	72.6481927711	0 CATC
TRINITY_DN216432_c0_g1_i1	72.375	0
TRINITY_DN124584_c2_g1_i1	72.0	0
TRINITY_DN12730_c1_g3_i1	72.0	0
TRINITY_DN13179_c0_g3_i3	72.0	0
TRINITY_DN86065_c1_g1_i1	71.7272727273	0
TRINITY_DN712_c0_g1_i1	71.6632653061	0 CTRB1
TRINITY_DN381_c0_g7_i2	71.3825503356	0 GLCM4
TRINITY_DN12304_c1_g1_i1	71.0344827586	0
TRINITY_DN116105_c3_g1_i2	71.0	0.0001259
TRINITY_DN90951_c1_g4_i1	70.5	0 ESTF
TRINITY_DN2425_c0_g1_i4	70.4615384615	0
TRINITY_DN318677_c0_g1_i1	70.1403508772	0
TRINITY_DN27940_c9_g1_i2	70.0	0
TRINITY_DN485_c1_g4_i1	69.2340425532	0 PCP
TRINITY_DN204863_c0_g1_i1	68.8	0



TRINITY_DN17411_c2_g1_i1	68.68	0	CTRB1
TRINITY_DN700_c0_g3_i1	68.375	0	
TRINITY_DN181611_c1_g1_i2	68.1538461538	0	
TRINITY_DN3235_c1_g1_i1	68.1044776119	0	PGLR2
TRINITY_DN6417_c0_g1_i1	67.75	0	
TRINITY_DN2391_c0_g2_i4	67.6	0	
TRINITY_DN91282_c2_g1_i1	67.5	0	
TRINITY_DN57225_c1_g1_i2	67.25	0	INX7
TRINITY_DN91261_c0_g1_i2	66.2631578947	0	
TRINITY_DN11650_c0_g2_i1	65.8461538462	0	
TRINITY_DN215_c1_g1_i1	65.7647058824	0	ESTJ
TRINITY_DN255481_c0_g1_i1	65.5405405405	0	S17A5
TRINITY_DN230_c0_g1_i14	65.5284810127	0	ESTJ
TRINITY_DN1874_c0_g2_i1	65.2	0	
TRINITY_DN91509_c0_g1_i1	64.75	0	
TRINITY_DN3815_c0_g1_i3	64.7142857143	0	TRY2
TRINITY_DN8537_c0_g1_i4	64.4705882353	0	
TRINITY_DN19659_c0_g2_i2	63.0	0	NCKX4
TRINITY_DN5018_c0_g2_i1	62.9625	0	
TRINITY_DN431_c0_g3_i1	62.7142857143	0	
TRINITY_DN12270_c0_g1_i1	62.3333333333	0	CTRB1
TRINITY_DN9264_c6_g1_i1	61.625	0	
TRINITY_DN23186_c0_g1_i1	61.55	0	AMPN
TRINITY_DN950_c0_g5_i1	61.4426229508	0	CBPA1
TRINITY_DN879_c2_g2_i1	60.0	0	
TRINITY_DN54803_c0_g3_i2	59.7142857143	0	
TRINITY_DN8494_c0_g1_i1	59.6607142857	0	ESTF
TRINITY_DN398_c0_g1_i3	59.0	0	
TRINITY_DN9140_c3_g1_i1	58.75	0	
TRINITY_DN6086_c0_g4_i1	58.5991561181	0	VATL
TRINITY_DN296542_c0_g1_i1	58.0804597701	0	FINC
TRINITY_DN30913_c0_g1_i2	57.8461538462	0	UGT5
TRINITY_DN6192_c1_g1_i1	57.625	0	
TRINITY_DN725_c0_g4_i1	57.1	0	
TRINITY_DN63051_c1_g1_i1	56.8780487805	0	BGLR
TRINITY_DN3838_c0_g1_i3	56.85	0	
TRINITY_DN2718_c0_g1_i1	56.8	0	BGLS
TRINITY_DN29187_c0_g6_i1	56.3333333333	0	
TRINITY_DN83503_c0_g2_i1	56.2727272727	0	NPC1B
TRINITY_DN15447_c2_g1_i1	56.21875	0	
TRINITY_DN879_c2_g1_i1	56.125	0	
TRINITY_DN1116_c1_g2_i1	56.0285714286	0	LYS
TRINITY_DN20135_c0_g1_i2	55.7962962963	0	PCKGM
TRINITY_DN11615_c0_g1_i1	55.7777777778	0	PESTE

TRINITY_DN1394_c0_g1_i27	55.4791666667	0 YCX91
TRINITY_DN157557_c0_g2_i7	55.3636363636	0 CATC
TRINITY_DN36596_c0_g1_i2	55.3636363636	0
TRINITY_DN26165_c1_g1_i1	55.1666666667	0
TRINITY_DN725_c0_g1_i3	54.7764705882	0
TRINITY_DN3606_c0_g1_i14	54.1654135338	0
TRINITY_DN481_c0_g4_i1	54.1082802548	0 VPP1
TRINITY_DN227_c34_g1_i7	54.0769230769	0
TRINITY_DN35488_c0_g1_i10	53.875	0
TRINITY_DN44895_c0_g1_i3	53.8181818182	0 S17A5
TRINITY_DN41837_c4_g1_i1	53.4285714286	0
TRINITY_DN10626_c0_g2_i1	53.4166666667	0
TRINITY_DN24565_c0_g2_i4	52.987654321	0
TRINITY_DN112_c0_g5_i1	52.8969505783	0 PGLR1
TRINITY_DN2789_c3_g2_i1	52.6744186047	0
TRINITY_DN104189_c1_g1_i1	52.5208333333	0 PE48A
TRINITY_DN39371_c0_g5_i1	52.4545454545	0
TRINITY_DN140194_c0_g1_i3	52.3085106383	0
TRINITY_DN1950_c0_g1_i4	52.1362637363	0 PGLR2
TRINITY_DN126178_c3_g1_i1	52.0	5.707E-08
TRINITY_DN17943_c1_g1_i1	51.75	0
TRINITY_DN192304_c0_g1_i1	51.25	0
TRINITY_DN83501_c0_g3_i1	51.2142857143	0
TRINITY_DN13137_c0_g1_i1	51.1854304636	0
TRINITY_DN1677_c0_g1_i2	51.0	0
TRINITY_DN2973_c2_g1_i1	50.5882352941	0
TRINITY_DN3277_c6_g1_i1	50.0416666667	0
TRINITY_DN8128_c0_g2_i1	49.6666666667	0
TRINITY_DN97616_c0_g1_i4	49.3939393939	0 FAT4
TRINITY_DN16600_c0_g2_i1	49.25	0
TRINITY_DN64879_c0_g2_i1	49.1875	0
TRINITY_DN30452_c4_g1_i1	49.1666666667	0
TRINITY_DN134048_c0_g1_i1	49.16	0 PLS1
TRINITY_DN7299_c0_g2_i1	49.1111111111	0 COGS
TRINITY_DN3040_c3_g1_i5	48.78125	0
TRINITY_DN16820_c0_g1_i9	48.3125	0
TRINITY_DN83255_c0_g4_i1	48.2903225806	0
TRINITY_DN8525_c0_g1_i6	48.1972157773	0
TRINITY_DN438_c9_g1_i1	48.078125	0
TRINITY_DN10678_c0_g2_i4	47.9259259259	0
TRINITY_DN79056_c1_g1_i2	47.2727272727	0
TRINITY_DN4463_c0_g1_i1	47.2350722816	0 CRJ35
TRINITY_DN19666_c1_g1_i2	47.0	0
TRINITY_DN554_c7_g1_i1	47.0	0

TRINITY_DN727_c0_g2_i1	46.85	0
TRINITY_DN22463_c1_g4_i1	46.8461538462	0
TRINITY_DN1534_c1_g2_i1	46.7954545455	0 S17A5
TRINITY_DN5081_c0_g2_i1	46.0689655172	0 APOD
TRINITY_DN37228_c1_g2_i1	46.0	0
TRINITY_DN326464_c0_g1_i1	45.6111111111	0
TRINITY_DN3488_c0_g3_i1	45.1428571429	0
TRINITY_DN8455_c0_g2_i1	45.0	0
TRINITY_DN8677_c2_g1_i1	44.625	0
TRINITY_DN11192_c0_g2_i5	44.5777777778	0
TRINITY_DN317357_c0_g1_i1	44.5	0
TRINITY_DN4710_c6_g1_i2	44.3636363636	0
TRINITY_DN1013_c8_g1_i1	44.3571428571	0
TRINITY_DN32488_c0_g2_i1	44.3168316832	0 CLVS1
TRINITY_DN3746_c2_g1_i2	44.1818181818	0
TRINITY_DN191937_c0_g3_i2	44.0	0
TRINITY_DN295931_c0_g1_i1	44.0	0 ILEU
TRINITY_DN39128_c0_g2_i1	43.8571428571	0
TRINITY_DN3046_c0_g6_i1	43.6894736842	0 YRD6
TRINITY_DN204_c5_g1_i1	43.6666666667	0
TRINITY_DN18078_c0_g3_i1	43.5	0
TRINITY_DN210676_c0_g1_i1	43.2	0
TRINITY_DN21557_c0_g2_i1	43.2	0
TRINITY_DN69731_c0_g1_i1	42.9130434783	0
TRINITY_DN6925_c1_g1_i1	42.8571428571	0
TRINITY_DN44895_c1_g1_i1	42.8461538462	0 S17A5
TRINITY_DN37149_c0_g1_i8	42.6363636364	0
TRINITY_DN6504_c0_g2_i1	42.375	0
TRINITY_DN141199_c0_g2_i1	41.9	0
TRINITY_DN31490_c0_g2_i3	41.8292682927	0 CTRB1
TRINITY_DN49740_c0_g1_i1	41.8064516129	0
TRINITY_DN1142_c1_g1_i3	41.7339046363	0 VIT
TRINITY_DN14223_c5_g1_i1	41.6666666667	5.66E-10
TRINITY_DN4691_c0_g5_i2	41.66	0
TRINITY_DN323672_c0_g1_i1	41.5	0
TRINITY_DN13986_c0_g1_i1	41.3294797688	0
TRINITY_DN1229_c0_g1_i1	41.3040345821	0 IDGFL
TRINITY_DN68754_c0_g1_i8	41.125	0
TRINITY_DN83_c2_g2_i1	40.837398374	0
TRINITY_DN18122_c2_g1_i1	40.75	0
TRINITY_DN41623_c0_g1_i8	40.59375	0
TRINITY_DN3356_c5_g1_i1	40.5625	0
TRINITY_DN27180_c0_g1_i2	40.3846153846	0 TLR2
TRINITY_DN16736_c1_g5_i1	40.25	0

TRINITY_DN798_c0_g3_i1	40.169047619	0 FUCO
TRINITY_DN13624_c0_g1_i2	40.0	2.012E-09
TRINITY_DN4443_c1_g1_i1	40.0	0
TRINITY_DN522_c0_g1_i6	39.9209039548	0 MANBA
TRINITY_DN41883_c0_g1_i1	39.9090909091	0
TRINITY_DN1272_c0_g1_i1	39.5208333333	0 CP4C1
TRINITY_DN431_c0_g1_i4	39.2631578947	0 YCX91
TRINITY_DN700_c0_g2_i1	39.0975609756	0
TRINITY_DN316383_c0_g1_i1	38.967032967	0
TRINITY_DN165_c0_g3_i1	38.7922437673	0 MYRO1
TRINITY_DN80145_c5_g1_i1	38.75	0
TRINITY_DN25108_c0_g1_i1	38.6	0
TRINITY_DN142727_c1_g1_i1	38.3333333333	7.152E-09
TRINITY_DN129263_c0_g1_i1	38.3333333333	0 CTRL
TRINITY_DN1109_c0_g2_i2	38.1508491508	0 LPSBP
TRINITY_DN255212_c0_g1_i1	38.0	0 ESTF
TRINITY_DN79356_c0_g2_i5	38.0	0
TRINITY_DN431_c0_g2_i2	37.9444444444	0
TRINITY_DN49069_c5_g1_i1	37.8571428571	0
TRINITY_DN769_c4_g2_i1	37.8139534884	0 CP4C1
TRINITY_DN19764_c0_g1_i1	37.6923076923	0
TRINITY_DN12_c2_g1_i2	37.6666666667	0 ABEC1
TRINITY_DN21872_c0_g1_i6	37.6666666667	0 YCX91
TRINITY_DN3042_c0_g3_i1	37.5205479452	0
TRINITY_DN6192_c1_g2_i1	37.4761904762	0
TRINITY_DN92197_c0_g1_i6	37.1818181818	0
TRINITY_DN35053_c0_g1_i4	37.1578947368	0 ASM
TRINITY_DN72_c2_g1_i1	37.0909090909	0
TRINITY_DN5709_c1_g2_i1	37.0845839018	0
TRINITY_DN6251_c1_g1_i2	37.074433657	0 CTRB1
TRINITY_DN170235_c0_g1_i1	37.0	5.145E-12
TRINITY_DN34933_c0_g2_i1	37.0	0 ESTF
TRINITY_DN8394_c0_g5_i1	37.0	0
TRINITY_DN3047_c0_g1_i1	36.8761220826	0 COGS
TRINITY_DN5676_c2_g1_i1	36.625	0 TLR2
TRINITY_DN3263_c3_g1_i1	36.5714285714	0
TRINITY_DN23511_c0_g1_i1	36.5161290323	0 CASP1
TRINITY_DN24514_c0_g4_i1	36.2	0
TRINITY_DN16231_c1_g1_i1	36.125	0 COGS
TRINITY_DN364_c0_g1_i11	36.071863581	0 LAZA
TRINITY_DN298157_c0_g1_i1	36.0	0
TRINITY_DN86689_c2_g1_i1	35.9411764706	0
TRINITY_DN80446_c0_g1_i1	35.8181818182	0
TRINITY_DN1449_c0_g4_i1	35.8	0
TRINITY_DN21056_c0_g1_i1	35.8	0

TRINITY_DN24125_c2_g1_i1	35.35	0
TRINITY_DN23497_c0_g1_i4	35.3181818182	0
TRINITY_DN1394_c1_g1_i3	35.275	0
TRINITY_DN18957_c2_g1_i1	34.7	0
TRINITY_DN275842_c0_g1_i1	34.55	0
TRINITY_DN17445_c0_g2_i1	34.3333333333	0 YCX91
TRINITY_DN26650_c0_g1_i1	34.3333333333	0 AMPN
TRINITY_DN5626_c0_g4_i1	34.25	0
TRINITY_DN13819_c0_g1_i10	34.0357142857	0
TRINITY_DN13290_c3_g1_i1	34.0	1.945E-07
TRINITY_DN6308_c1_g1_i1	34.0	0
TRINITY_DN3064_c0_g1_i1	33.9333333333	0
TRINITY_DN187942_c0_g1_i1	33.9230769231	0
TRINITY_DN151363_c0_g3_i1	33.8666666667	0
TRINITY_DN266482_c0_g1_i1	33.8333333333	0
TRINITY_DN3022_c2_g4_i1	33.8333333333	0
TRINITY_DN36093_c0_g1_i4	33.6666666667	0
TRINITY_DN25614_c2_g4_i1	33.6	0
TRINITY_DN296695_c0_g1_i1	33.6	0
TRINITY_DN3419_c0_g1_i1	33.4876033058	0
TRINITY_DN19145_c0_g3_i1	33.3793103448	0
TRINITY_DN2238_c0_g1_i3	33.3775510204	0
TRINITY_DN53178_c0_g1_i2	33.2857142857	0
TRINITY_DN895_c0_g1_i1	33.1639344262	0
TRINITY_DN316668_c0_g1_i1	33.1159513133	0
TRINITY_DN282355_c0_g1_i1	32.8333333333	0
TRINITY_DN79222_c0_g1_i1	32.5714285714	0
TRINITY_DN1625_c0_g1_i1	32.3214285714	0
TRINITY_DN89248_c0_g4_i1	32.3157894737	0
TRINITY_DN1499_c7_g1_i1	32.2962962963	0
TRINITY_DN2837_c0_g1_i1	32.2745098039	0 LIPHB
TRINITY_DN42635_c0_g1_i4	32.1538461538	0 IM23
TRINITY_DN4702_c1_g2_i1	32.0789473684	0 MA2B1
TRINITY_DN53226_c0_g1_i1	32.0714285714	0
TRINITY_DN705_c2_g2_i1	31.9166666667	0 TRY7
TRINITY_DN27996_c2_g1_i1	31.8292682927	0
TRINITY_DN11287_c0_g2_i3	31.8267326733	0 AATC
TRINITY_DN77678_c1_g1_i1	31.8214285714	0
TRINITY_DN56912_c0_g1_i2	31.6875	0 B3GT5
TRINITY_DN4006_c0_g2_i1	31.4954954955	0 SODC1
TRINITY_DN5709_c1_g1_i3	31.3789346247	0
TRINITY_DN86073_c3_g1_i1	31.375	0
TRINITY_DN69102_c0_g3_i2	31.3636363636	0
TRINITY_DN9861_c1_g1_i6	31.1884057971	0 TMPS9
TRINITY_DN60991_c0_g1_i1	31.1818181818	0

TRINITY_DN14182_c0_g1_i2	31.0	0.000001922
TRINITY_DN3382_c0_g2_i1	30.7142857143	0
TRINITY_DN630_c0_g2_i1	30.6315789474	0
TRINITY_DN7355_c0_g1_i3	30.5454545455	0 FUMD
TRINITY_DN12747_c0_g1_i1	30.5	0.003409
TRINITY_DN5676_c0_g1_i1	30.5	0 JERKL
TRINITY_DN6280_c1_g1_i1	30.4090909091	0
TRINITY_DN14496_c2_g1_i1	30.3333333333	0.000003198
TRINITY_DN32856_c0_g1_i1	30.2857142857	0
TRINITY_DN158069_c1_g1_i1	30.2272727273	0
TRINITY_DN303717_c0_g1_i1	30.1666666667	0
TRINITY_DN203819_c0_g1_i1	30.0	4.075E-09
TRINITY_DN4661_c1_g3_i1	30.0	0
TRINITY_DN4500_c5_g1_i1	29.9824561404	0
TRINITY_DN219828_c0_g1_i1	29.9325513196	0
TRINITY_DN6154_c3_g1_i1	29.9090909091	0
TRINITY_DN9447_c0_g2_i2	29.8958333333	0
TRINITY_DN8049_c0_g1_i1	29.8214285714	0 APE1
TRINITY_DN235956_c0_g1_i1	29.8	5.145E-12
TRINITY_DN23884_c0_g2_i2	29.8	5.145E-12
TRINITY_DN1285_c2_g1_i2	29.7727272727	0
TRINITY_DN7449_c0_g4_i2	29.7142857143	0
TRINITY_DN1089_c8_g1_i1	29.6363636364	0
TRINITY_DN30532_c2_g3_i1	29.625	0
TRINITY_DN1682_c1_g2_i1	29.5164835165	0 ASM
TRINITY_DN19443_c0_g3_i1	29.5	6.761E-09
TRINITY_DN10235_c0_g2_i1	29.4	0
TRINITY_DN8207_c0_g1_i2	29.3996138996	0 CTRB1
TRINITY_DN3156_c1_g2_i1	29.2727272727	0
TRINITY_DN95198_c2_g1_i1	29.1860465116	0
TRINITY_DN43783_c0_g2_i1	29.1617977528	0 SGP1
TRINITY_DN83437_c0_g1_i1	29.0909090909	0 AMPN
TRINITY_DN6276_c0_g1_i1	29.0454545455	0
TRINITY_DN18418_c2_g1_i1	28.84	0
TRINITY_DN109985_c2_g1_i1	28.724137931	0 MOS1T
TRINITY_DN39048_c0_g2_i2	28.5348837209	0
TRINITY_DN116359_c1_g3_i1	28.3333333333	0
TRINITY_DN12076_c1_g1_i1	28.3	0
TRINITY_DN9264_c4_g1_i1	28.2947368421	0
TRINITY_DN202189_c1_g1_i1	28.2307692308	0
TRINITY_DN157557_c0_g3_i2	28.119047619	0 CATC
TRINITY_DN33152_c0_g1_i1	27.9428571429	0
TRINITY_DN72015_c2_g1_i1	27.9285714286	0
TRINITY_DN4634_c0_g3_i1	27.9230769231	0
TRINITY_DN3962_c0_g2_i1	27.9032258065	0 EST6

TRINITY_DN1392_c0_g2_i1	27.7446808511	0
TRINITY_DN45598_c0_g1_i2	27.6539130435	0
TRINITY_DN60562_c0_g1_i1	27.6363636364	0
TRINITY_DN33107_c2_g1_i1	27.625	0
TRINITY_DN77743_c2_g2_i1	27.6234567901	0
TRINITY_DN45960_c2_g2_i1	27.5714285714	0
TRINITY_DN24125_c0_g1_i1	27.5483870968	0
TRINITY_DN4482_c0_g1_i6	27.5454545455	0
TRINITY_DN91170_c0_g1_i1	27.4754098361	0 TTPA
TRINITY_DN5453_c0_g1_i3	27.4464285714	0 DDC
TRINITY_DN6028_c0_g1_i1	27.4285714286	0 GLBL2
TRINITY_DN42_c8_g1_i1	27.3846153846	0
TRINITY_DN68282_c1_g2_i1	27.3333333333	0
TRINITY_DN6572_c0_g1_i2	27.2820512821	0
TRINITY_DN2659_c0_g1_i2	27.280952381	0
TRINITY_DN3813_c0_g2_i1	27.1960784314	0 IGFBP
TRINITY_DN85690_c2_g1_i1	27.1739130435	0
TRINITY_DN13248_c0_g1_i3	27.1694915254	0 DRAM2
TRINITY_DN4736_c4_g1_i1	27.1428571429	0
TRINITY_DN2592_c1_g1_i1	27.0	0
TRINITY_DN927_c2_g1_i2	26.8582677165	0
TRINITY_DN13030_c0_g3_i1	26.7741935484	0
TRINITY_DN1403_c1_g4_i1	26.6666666667	0.00005288
TRINITY_DN72904_c0_g1_i1	26.6363636364	0 FA9
TRINITY_DN19380_c0_g2_i1	26.4444444444	0
TRINITY_DN67687_c0_g3_i1	26.4035087719	0
TRINITY_DN6299_c2_g2_i1	26.2222222222	0
TRINITY_DN102782_c0_g3_i1	26.1376404494	0 APOD
TRINITY_DN22795_c1_g1_i1	26.1	0
TRINITY_DN6605_c0_g1_i11	26.0877192982	0
TRINITY_DN20749_c0_g1_i4	25.898463885	0 VIT2
TRINITY_DN24629_c0_g1_i5	25.8	0 LPSBP
TRINITY_DN1445_c6_g1_i1	25.6304347826	0
TRINITY_DN90524_c0_g1_i4	25.5238095238	0
TRINITY_DN277_c1_g1_i1	25.5	0
TRINITY_DN21605_c0_g1_i3	25.4013377926	0
TRINITY_DN521_c0_g1_i7	25.222462203	0
TRINITY_DN13329_c0_g1_i1	25.2	0 AMPN
TRINITY_DN3251_c3_g1_i1	25.1666666667	5.145E-12
TRINITY_DN705_c2_g1_i1	25.1428571429	0 TRY5
TRINITY_DN8049_c3_g1_i1	25.125	0 ERAP1
TRINITY_DN280636_c0_g1_i1	25.0921052632	0 Y3556
TRINITY_DN115451_c0_g2_i1	25.027027027	0
TRINITY_DN20591_c0_g1_i1	25.0	2.295E-09

TRINITY_DN3059_c0_g2_i1	25.0	0
TRINITY_DN74575_c0_g2_i3	25.0	0 APH4
TRINITY_DN5684_c0_g1_i1	24.9166666667	0 ESTF
TRINITY_DN257243_c0_g1_i1	24.7	0
TRINITY_DN23559_c0_g1_i1	24.6	3.808E-09
TRINITY_DN242578_c0_g1_i1	24.6	3.808E-09
TRINITY_DN7897_c0_g1_i2	24.5897435897	0 ESTJ
TRINITY_DN6288_c0_g1_i2	24.5294117647	0
TRINITY_DN10784_c6_g1_i1	24.5	0
TRINITY_DN73642_c0_g2_i1	24.375	0
TRINITY_DN1993_c0_g4_i1	24.306122449	0
TRINITY_DN119156_c0_g2_i1	24.2666666667	0
TRINITY_DN985_c1_g2_i1	24.1111111111	0
TRINITY_DN186331_c0_g1_i4	24.05	0
TRINITY_DN2767_c0_g7_i1	24.0416666667	0
TRINITY_DN20203_c0_g3_i1	24.0	0.000001796
TRINITY_DN19805_c1_g2_i1	24.0	0
TRINITY_DN37736_c1_g3_i1	24.0	0
TRINITY_DN10429_c1_g2_i2	23.8666666667	0
TRINITY_DN17266_c0_g2_i1	23.7647058824	0
TRINITY_DN74463_c0_g1_i1	23.75	0
TRINITY_DN89248_c0_g1_i4	23.6744186047	0
TRINITY_DN4295_c0_g1_i1	23.5348837209	0
TRINITY_DN42909_c3_g1_i1	23.4615384615	0
TRINITY_DN39596_c0_g1_i1	23.4285714286	0
TRINITY_DN189743_c0_g2_i1	23.25	0.000003848
TRINITY_DN191697_c0_g1_i1	23.25	0.000003848
TRINITY_DN40821_c1_g2_i1	23.2162162162	0
TRINITY_DN9389_c0_g1_i1	23.1515151515	0
TRINITY_DN418_c0_g3_i2	23.0876132931	0
TRINITY_DN10857_c0_g1_i1	23.0731707317	0
TRINITY_DN20593_c0_g1_i3	23.0617283951	0 PINTA
TRINITY_DN78317_c1_g1_i2	23.0	0
TRINITY_DN5514_c0_g1_i1	22.9444444444	0
TRINITY_DN6671_c7_g1_i1	22.8695652174	0
TRINITY_DN29387_c1_g1_i3	22.8666666667	0
TRINITY_DN13453_c0_g2_i4	22.8099315068	0
TRINITY_DN11266_c0_g1_i7	22.75	0
TRINITY_DN13138_c0_g3_i1	22.6818181818	0
TRINITY_DN8369_c0_g2_i1	22.6363636364	0
TRINITY_DN38437_c0_g2_i1	22.625	0
TRINITY_DN5089_c0_g1_i2	22.6142857143	0 CYB5R
TRINITY_DN59719_c5_g1_i1	22.5454545455	0
TRINITY_DN73422_c0_g3_i7	22.5454545455	0
TRINITY_DN4176_c0_g2_i5	22.5060827251	0 POL2
TRINITY_DN188456_c0_g1_i1	22.375	0



TRINITY_DN6375_c7_g1_i1	22.2857142857	0
TRINITY_DN1664_c1_g1_i2	22.135359116	0 TRF
TRINITY_DN1359_c0_g1_i2	22.0552763819	0
TRINITY_DN15187_c3_g1_i1	22.0	0
TRINITY_DN16943_c2_g1_i1	21.8	0
TRINITY_DN2102_c0_g1_i3	21.7222222222	0
TRINITY_DN93771_c0_g3_i3	21.6958934517	0
TRINITY_DN13686_c0_g4_i1	21.6363636364	0
TRINITY_DN32036_c0_g1_i2	21.5384615385	0 AGLU
TRINITY_DN2683_c0_g1_i5	21.5102040816	0
TRINITY_DN29052_c0_g1_i1	21.4583333333	0
TRINITY_DN9544_c0_g2_i1	21.2352941176	0
TRINITY_DN572_c1_g1_i1	21.2131147541	0
TRINITY_DN49736_c1_g1_i1	21.1818181818	0
TRINITY_DN71974_c0_g1_i1	21.1754385965	0
TRINITY_DN8144_c0_g2_i1	21.0714285714	0
TRINITY_DN5434_c2_g1_i1	21.025	0
TRINITY_DN10778_c1_g1_i1	21.0	0
TRINITY_DN4303_c0_g2_i1	20.962962963	0
TRINITY_DN9004_c4_g1_i2	20.962962963	0 RET
TRINITY_DN61420_c2_g1_i1	20.9	0
TRINITY_DN44599_c0_g2_i2	20.8596491228	0
TRINITY_DN2877_c5_g1_i1	20.8510638298	0
TRINITY_DN64224_c0_g2_i1	20.829787234	0 TRYP
TRINITY_DN72785_c2_g1_i1	20.8181818182	0
TRINITY_DN40181_c0_g1_i1	20.6875	0 HSDL1
TRINITY_DN15001_c2_g1_i1	20.5	0.00006311
TRINITY_DN3393_c0_g1_i10	20.4989959839	0 ITIH4
TRINITY_DN802_c0_g3_i1	20.4507042254	0
TRINITY_DN4444_c3_g1_i8	20.4375	0
TRINITY_DN104172_c0_g1_i1	20.3529411765	0
TRINITY_DN13987_c2_g2_i1	20.3333333333	0.006839
TRINITY_DN48159_c1_g2_i1	20.2903225806	0
TRINITY_DN17101_c0_g1_i1	20.2727272727	0
TRINITY_DN63589_c5_g1_i1	20.2075471698	0
TRINITY_DN13453_c0_g1_i1	20.1928571429	0
TRINITY_DN11644_c2_g1_i1	20.1818181818	0
TRINITY_DN4188_c1_g3_i1	20.1568627451	0
TRINITY_DN553_c0_g4_i1	20.125	0
TRINITY_DN1220_c0_g2_i8	20.0579710145	0 PLCX1
TRINITY_DN26765_c1_g2_i1	20.0555555556	0
TRINITY_DN4272_c0_g3_i1	20.0	0
TRINITY_DN3528_c0_g1_i2	19.9722222222	0
TRINITY_DN6281_c1_g1_i1	19.875	0
TRINITY_DN3606_c3_g1_i1	19.8571428571	2.573E-10

TRINITY_DN12954_c0_g4_i1	19.8518518519	0
TRINITY_DN17266_c0_g1_i2	19.814516129	0
TRINITY_DN17652_c3_g1_i1	19.7	0
TRINITY_DN1545_c5_g1_i14	19.6486486486	0
TRINITY_DN29860_c0_g2_i1	19.6363636364	0
TRINITY_DN25315_c0_g1_i1	19.5	0
TRINITY_DN5047_c2_g1_i2	19.5	0
TRINITY_DN786_c1_g1_i1	19.4166666667	0
TRINITY_DN2864_c0_g2_i4	19.3846153846	0
TRINITY_DN12303_c0_g1_i1	19.3529411765	0
TRINITY_DN36513_c0_g1_i1	19.3237410072	0 DPN
TRINITY_DN23203_c0_g1_i5	19.3103448276	0
TRINITY_DN216890_c0_g1_i1	19.3020134228	0
TRINITY_DN2385_c2_g4_i2	19.2891566265	0
TRINITY_DN2373_c2_g1_i1	19.2	0.000003537
TRINITY_DN257067_c0_g1_i1	19.2	0.000003537
TRINITY_DN60420_c1_g1_i2	19.1428571429	0
TRINITY_DN11182_c3_g2_i2	19.1333333333	0
TRINITY_DN141541_c0_g1_i1	19.12	0
TRINITY_DN175586_c0_g1_i1	19.0	0 CCHA1
TRINITY_DN3431_c2_g1_i1	18.96	0
TRINITY_DN23140_c2_g1_i1	18.9545454545	0
TRINITY_DN3689_c5_g1_i1	18.9230769231	0
TRINITY_DN5701_c0_g1_i1	18.8563218391	0
TRINITY_DN11114_c4_g1_i1	18.8541666667	0
TRINITY_DN201_c0_g2_i1	18.8	0
TRINITY_DN296210_c0_g1_i1	18.8	0
TRINITY_DN156304_c0_g3_i2	18.7966101695	0 SARDH
TRINITY_DN6622_c1_g1_i2	18.775760049	0
TRINITY_DN20048_c1_g1_i1	18.75	0
TRINITY_DN205125_c0_g1_i1	18.7272727273	0
TRINITY_DN21609_c1_g1_i1	18.6	0.000007562
TRINITY_DN5053_c1_g1_i2	18.5454545455	0
TRINITY_DN4408_c1_g2_i1	18.5263157895	0
TRINITY_DN61820_c1_g1_i1	18.4375	0
TRINITY_DN8176_c1_g1_i1	18.4166666667	0
TRINITY_DN1338_c0_g1_i16	18.4125560538	0
TRINITY_DN19665_c1_g1_i1	18.3513513514	0
TRINITY_DN1438_c0_g1_i2	18.3389830508	0
TRINITY_DN1054_c3_g1_i1	18.3181818182	0
TRINITY_DN22030_c0_g1_i5	18.3181818182	0
TRINITY_DN1884_c1_g1_i1	18.3	0
TRINITY_DN44825_c1_g2_i1	18.2857142857	4.142E-09
TRINITY_DN1413_c1_g3_i1	18.2580645161	0
TRINITY_DN17467_c1_g1_i1	18.25	0.0006245

TRINITY_DN12453_c0_g1_i1	18.25	0 ZNT2
TRINITY_DN1513_c5_g1_i1	18.2173913043	0
TRINITY_DN1524_c0_g2_i1	18.2	0
TRINITY_DN1266_c4_g1_i1	18.1764705882	0
TRINITY_DN325031_c0_g1_i1	18.1666666667	2.569E-07
TRINITY_DN621_c4_g1_i1	18.1428571429	0
TRINITY_DN28050_c3_g1_i1	18.1363636364	0
TRINITY_DN20072_c1_g1_i1	18.12	0
TRINITY_DN15731_c2_g1_i1	18.0666666667	0
TRINITY_DN2952_c4_g1_i1	18.04	0
TRINITY_DN56667_c2_g1_i1	18.0	0
TRINITY_DN6760_c0_g2_i1	18.0	0
TRINITY_DN1396_c1_g3_i1	17.9583333333	0
TRINITY_DN116279_c0_g7_i1	17.9333333333	0
TRINITY_DN18078_c0_g1_i1	17.9333333333	0
TRINITY_DN5038_c0_g5_i1	17.9230769231	0
TRINITY_DN39546_c1_g1_i6	17.9189189189	0
TRINITY_DN410_c4_g1_i1	17.9090909091	0
TRINITY_DN32025_c2_g1_i1	17.9	0
TRINITY_DN321093_c0_g1_i1	17.9	0
TRINITY_DN521_c0_g2_i1	17.8635863586	0
TRINITY_DN19347_c2_g1_i1	17.8079470199	0
TRINITY_DN156352_c0_g4_i1	17.8	0
TRINITY_DN41449_c0_g1_i1	17.8	0
TRINITY_DN5554_c2_g1_i1	17.7894736842	0
TRINITY_DN115384_c0_g2_i1	17.7727272727	0
TRINITY_DN91206_c0_g1_i2	17.75	2.367E-10
TRINITY_DN6420_c0_g3_i1	17.75	0
TRINITY_DN14088_c3_g1_i1	17.6363636364	0
TRINITY_DN1334_c3_g1_i2	17.5384615385	0
TRINITY_DN635_c0_g2_i1	17.5208333333	0
TRINITY_DN296475_c0_g1_i1	17.4444444444	0
TRINITY_DN2984_c5_g1_i1	17.4125874126	0
TRINITY_DN22844_c3_g1_i2	17.3846153846	0
TRINITY_DN7536_c0_g1_i1	17.3461538462	0
TRINITY_DN4359_c0_g1_i2	17.2322580645	0
TRINITY_DN6652_c0_g1_i10	17.2131147541	0
TRINITY_DN11764_c0_g2_i1	17.2	0
TRINITY_DN10182_c1_g3_i1	17.1565217391	0
TRINITY_DN64579_c1_g1_i1	17.125	0
TRINITY_DN2927_c2_g2_i1	17.1	0
TRINITY_DN5746_c2_g1_i1	17.0909090909	0
TRINITY_DN77320_c1_g2_i1	16.9032258065	0
TRINITY_DN658_c0_g2_i1	16.875	1.374E-09
TRINITY_DN43979_c0_g2_i1	16.8571428571	5.132E-08
TRINITY_DN8722_c0_g1_i2	16.8333333333	0

TRINITY_DN7129_c0_g3_i1	16.8205128205	0 DEF
TRINITY_DN18567_c1_g1_i1	16.8125	0
TRINITY_DN29975_c3_g1_i1	16.8	0
TRINITY_DN20885_c0_g1_i1	16.7777777778	0
TRINITY_DN895_c1_g1_i3	16.7368421053	0
TRINITY_DN10809_c1_g5_i1	16.7272727273	0
TRINITY_DN1474_c0_g4_i1	16.7044025157	0
TRINITY_DN28156_c6_g1_i1	16.6666666667	0.000002492
TRINITY_DN24764_c0_g1_i1	16.6666666667	0
TRINITY_DN42331_c2_g2_i1	16.6666666667	0
TRINITY_DN4161_c0_g5_i1	16.6483516484	0
TRINITY_DN59948_c2_g1_i2	16.5625	0 SC5A7
TRINITY_DN16258_c0_g1_i1	16.5	0.003722
TRINITY_DN60641_c2_g1_i1	16.5	0
TRINITY_DN1142_c1_g2_i14	16.47891513	0 VIT
TRINITY_DN78694_c0_g2_i1	16.4230769231	0
TRINITY_DN52752_c0_g3_i1	16.4074074074	0
TRINITY_DN3363_c0_g2_i2	16.4029126214	0
TRINITY_DN4161_c0_g2_i14	16.3952618454	0
TRINITY_DN9704_c6_g1_i1	16.3854166667	0
TRINITY_DN14486_c0_g6_i1	16.3369565217	0
TRINITY_DN26890_c0_g1_i1	16.3292682927	0
TRINITY_DN7841_c3_g1_i1	16.3157894737	0
TRINITY_DN11020_c0_g1_i3	16.2962962963	0
TRINITY_DN4040_c2_g2_i1	16.2916666667	0
TRINITY_DN47043_c2_g1_i1	16.2916666667	0
TRINITY_DN9298_c0_g1_i1	16.2448979592	0 C6A14
TRINITY_DN4495_c1_g1_i1	16.2444444444	0
TRINITY_DN10312_c0_g1_i7	16.2285714286	0
TRINITY_DN869_c4_g1_i2	16.203125	0
TRINITY_DN4273_c0_g1_i2	16.1290322581	0
TRINITY_DN184_c6_g1_i1	16.0492957746	0
TRINITY_DN7905_c4_g1_i1	16.0277777778	0
TRINITY_DN8042_c1_g2_i2	16.0	0
TRINITY_DN16330_c2_g1_i1	15.9	1.029E-11
TRINITY_DN7567_c0_g4_i2	15.8902439024	0
TRINITY_DN21571_c0_g1_i7	15.8428184282	0
TRINITY_DN12198_c0_g1_i3	15.7288135593	0
TRINITY_DN117935_c0_g4_i2	15.6896551724	0
TRINITY_DN4631_c2_g1_i1	15.6333333333	0
TRINITY_DN5765_c1_g1_i1	15.5442477876	0 PLBL2
TRINITY_DN146_c0_g1_i1	15.5087440382	0 C6A14
TRINITY_DN14486_c0_g2_i2	15.4814814815	0
TRINITY_DN5042_c1_g2_i2	15.4494382022	0
TRINITY_DN37640_c0_g1_i1	15.4186046512	0
TRINITY_DN8371_c0_g2_i1	15.4117647059	0

TRINITY_DN72238_c0_g1_i1	15.375	2.794E-08
TRINITY_DN41872_c0_g3_i1	15.3636363636	0
TRINITY_DN64040_c0_g2_i1	15.3571428571	0
TRINITY_DN276831_c0_g1_i1	15.3548387097	0 LSD1
TRINITY_DN13402_c0_g2_i2	15.3005780347	0
TRINITY_DN207184_c0_g1_i1	15.3	5.66E-11
TRINITY_DN275651_c0_g1_i1	15.2962962963	0
TRINITY_DN38695_c1_g1_i1	15.2962962963	0
TRINITY_DN3297_c0_g1_i1	15.2857142857	8.175E-07 ART3
TRINITY_DN1689_c12_g1_i1	15.2777777778	0
TRINITY_DN1109_c0_g3_i1	15.2413793103	0
TRINITY_DN12485_c1_g1_i1	15.2368421053	0
TRINITY_DN1434_c1_g1_i2	15.2363636364	0
TRINITY_DN58995_c0_g1_i1	15.2172661871	0 GSTT1
TRINITY_DN84126_c1_g1_i1	15.125	4.615E-08
TRINITY_DN115266_c0_g1_i1	15.12	0
TRINITY_DN303569_c0_g1_i1	15.1	9.262E-11
TRINITY_DN32333_c5_g1_i1	15.1	9.262E-11
TRINITY_DN3401_c1_g1_i2	15.0769230769	0
TRINITY_DN254928_c0_g1_i1	15.05	0
TRINITY_DN39621_c0_g1_i1	15.0	0.000001352
TRINITY_DN153636_c0_g1_i1	15.0	0
TRINITY_DN53164_c0_g2_i1	14.9772727273	0
TRINITY_DN1055_c0_g1_i4	14.9764982374	0 VIT
TRINITY_DN44184_c1_g4_i1	14.96875	0
TRINITY_DN2676_c7_g1_i1	14.9607843137	0
TRINITY_DN33701_c0_g3_i3	14.95	0
TRINITY_DN10297_c1_g1_i2	14.9189189189	0
TRINITY_DN6570_c0_g3_i1	14.9090909091	5.145E-12
TRINITY_DN33860_c1_g1_i1	14.8699186992	0
TRINITY_DN14917_c6_g1_i1	14.8666666667	0
TRINITY_DN6202_c0_g2_i2	14.8529411765	0 LPSBP
TRINITY_DN30692_c0_g1_i1	14.8333333333	0.00004006
TRINITY_DN17064_c1_g3_i1	14.8333333333	0
TRINITY_DN107768_c0_g3_i3	14.8064516129	0
TRINITY_DN115821_c2_g1_i1	14.8	0
TRINITY_DN1851_c0_g1_i1	14.7796610169	0
TRINITY_DN185730_c1_g1_i1	14.7777777778	0
TRINITY_DN17398_c2_g1_i1	14.7692307692	0
TRINITY_DN79942_c0_g2_i1	14.7592592593	0
TRINITY_DN3600_c0_g1_i1	14.75	0
TRINITY_DN107629_c1_g2_i1	14.7419354839	0
TRINITY_DN171162_c0_g1_i1	14.7333333333	0
TRINITY_DN7905_c6_g1_i1	14.65	0
TRINITY_DN8207_c0_g2_i1	14.6112560567	0 CTRB1
TRINITY_DN78642_c4_g2_i1	14.6086956522	0
TRINITY_DN3429_c0_g3_i1	14.5986111111	0 MYRO1

TRINITY_DN10292_c3_g1_i2	14.5882352941	0
TRINITY_DN3755_c0_g2_i2	14.5714285714	0.000002876
TRINITY_DN5056_c0_g1_i1	14.5714285714	0
TRINITY_DN55370_c0_g1_i2	14.5625	0
TRINITY_DN61513_c0_g1_i4	14.5625	0
TRINITY_DN4372_c1_g4_i1	14.5416666667	0
TRINITY_DN27375_c0_g3_i1	14.48	0
TRINITY_DN35156_c0_g3_i1	14.3888888889	0
TRINITY_DN117964_c0_g2_i2	14.3636363636	0
TRINITY_DN156352_c0_g1_i1	14.3181818182	0
TRINITY_DN8054_c0_g1_i1	14.3125	0 EST6
TRINITY_DN330010_c0_g1_i1	14.3076923077	0
TRINITY_DN7056_c0_g2_i1	14.2727272727	0
TRINITY_DN2816_c0_g3_i2	14.25	0
TRINITY_DN316437_c0_g1_i1	14.25	0
TRINITY_DN6282_c1_g2_i3	14.2415449654	0 APLP
TRINITY_DN118061_c1_g1_i1	14.2307692308	0
TRINITY_DN26301_c4_g1_i1	14.2115384615	0
TRINITY_DN53125_c0_g1_i3	14.1904761905	0 VPP1
TRINITY_DN19043_c0_g2_i2	14.187654321	0
TRINITY_DN113947_c0_g1_i1	14.1578947368	0
TRINITY_DN57027_c1_g1_i1	14.1123919308	0
TRINITY_DN5152_c0_g1_i5	14.1111111111	0
TRINITY_DN54373_c0_g1_i1	14.1052631579	0
TRINITY_DN109030_c1_g1_i1	14.1	1.106E-09
TRINITY_DN12744_c0_g1_i4	14.0833333333	0 ELVL1
TRINITY_DN25791_c1_g1_i2	14.0769230769	0
TRINITY_DN59983_c0_g1_i1	14.0714285714	0
TRINITY_DN323_c1_g2_i1	14.0	0
TRINITY_DN44044_c0_g3_i3	13.9871794872	0 CP6K1
TRINITY_DN22987_c1_g1_i5	13.9827586207	0 YTX2
TRINITY_DN28303_c0_g1_i2	13.95	0
TRINITY_DN1074_c3_g1_i1	13.9459459459	0
TRINITY_DN950_c0_g3_i1	13.9166666667	0
TRINITY_DN5766_c2_g1_i1	13.9090909091	1.029E-10
TRINITY_DN9649_c1_g1_i1	13.8823529412	0
TRINITY_DN5474_c0_g2_i2	13.8667324778	0 HPSE
TRINITY_DN606_c0_g1_i1	13.8666666667	0 YKX2
TRINITY_DN29179_c0_g4_i1	13.8333333333	0.0001822
TRINITY_DN27859_c0_g3_i1	13.8125	0
TRINITY_DN1313_c2_g1_i1	13.8085106383	0
TRINITY_DN2928_c1_g1_i5	13.7956989247	0 LSD1
TRINITY_DN26043_c4_g3_i1	13.7727272727	0
TRINITY_DN20390_c0_g1_i1	13.7570621469	0 BGAL
TRINITY_DN7708_c1_g1_i6	13.75	7.287E-07

TRINITY_DN2091_c1_g4_i1	13.7179487179	0 DPN
TRINITY_DN8073_c0_g1_i1	13.7142857143	0 YCX91
TRINITY_DN27549_c1_g1_i1	13.7083333333	0
TRINITY_DN755_c0_g1_i11	13.7056783702	0
TRINITY_DN330_c1_g2_i1	13.6881028939	0 DHR11
TRINITY_DN1445_c24_g1_i1	13.6875	0
TRINITY_DN8696_c0_g1_i6	13.6428571429	0
TRINITY_DN11593_c0_g2_i1	13.6	0
TRINITY_DN3809_c0_g1_i3	13.5853658537	0
TRINITY_DN10150_c0_g3_i1	13.5406162465	0
TRINITY_DN15591_c2_g1_i1	13.5372750643	0
TRINITY_DN8483_c1_g1_i1	13.5070921986	0
TRINITY_DN23337_c3_g2_i1	13.5	4.94E-09
TRINITY_DN108_c6_g1_i1	13.45	0
TRINITY_DN17166_c0_g2_i1	13.45	0
TRINITY_DN1468_c0_g3_i1	13.4475138122	0
TRINITY_DN35687_c5_g1_i1	13.4285714286	0.00002151
TRINITY_DN5613_c0_g2_i1	13.4117647059	0
TRINITY_DN6044_c2_g1_i1	13.375	0.000001546
TRINITY_DN54331_c0_g2_i1	13.375	0
TRINITY_DN14937_c0_g3_i1	13.3684210526	0
TRINITY_DN9125_c2_g2_i3	13.3684210526	0
TRINITY_DN13164_c0_g2_i1	13.3529411765	0
TRINITY_DN421_c0_g3_i1	13.3362445415	0
TRINITY_DN27608_c0_g1_i4	13.3170731707	0
TRINITY_DN295500_c0_g1_i1	13.298245614	0
TRINITY_DN11674_c6_g1_i1	13.2666666667	0
TRINITY_DN211652_c0_g1_i2	13.2592592593	0
TRINITY_DN188_c7_g1_i1	13.25	0
TRINITY_DN23088_c1_g2_i1	13.25	0
TRINITY_DN200_c1_g1_i2	13.2395364536	0 HXK2
TRINITY_DN200_c1_g2_i1	13.2313253012	0 HXK2
TRINITY_DN11722_c2_g2_i1	13.2258064516	0
TRINITY_DN38769_c2_g1_i1	13.2222222222	0
TRINITY_DN3948_c0_g1_i2	13.2	0 ALF
TRINITY_DN18296_c0_g1_i2	13.1818181818	0
TRINITY_DN1002_c0_g3_i1	13.1673306773	0 TXG1A
TRINITY_DN15633_c1_g1_i1	13.1481481481	0
TRINITY_DN70889_c0_g3_i1	13.1428571429	0
TRINITY_DN471_c1_g1_i7	13.1397988135	0
TRINITY_DN83675_c0_g1_i1	13.125	0.000002552
TRINITY_DN14893_c0_g1_i4	13.125	0 A4GAT
TRINITY_DN125790_c0_g2_i1	13.0892857143	0
TRINITY_DN5296_c1_g1_i13	13.0476190476	0

TRINITY_DN87096_c0_g1_i3	13.0157480315	0 POL
TRINITY_DN542_c6_g1_i1	12.9607843137	0
TRINITY_DN55231_c2_g1_i1	12.9285714286	0
TRINITY_DN259428_c0_g1_i1	12.9230769231	1.029E-11
TRINITY_DN33073_c0_g1_i2	12.9090909091	1.611E-09
TRINITY_DN55786_c0_g1_i5	12.8775510204	0 SAP3
TRINITY_DN221_c5_g1_i1	12.8045977011	0
TRINITY_DN17884_c1_g2_i1	12.8	2.834E-08
TRINITY_DN81990_c4_g1_i1	12.7272727273	2.65E-09
TRINITY_DN622_c1_g3_i1	12.7240377633	0
TRINITY_DN22955_c0_g2_i1	12.7142857143	0
TRINITY_DN10771_c7_g1_i1	12.7053571429	0
TRINITY_DN3395_c1_g4_i2	12.7045454545	0
TRINITY_DN202395_c0_g1_i1	12.6923076923	2.058E-11
TRINITY_DN2813_c2_g1_i1	12.6908563135	0 ADA2
TRINITY_DN270404_c0_g1_i1	12.6666666667	0.001066
TRINITY_DN752_c0_g4_i1	12.65625	0
TRINITY_DN10752_c0_g1_i1	12.6455597248	0 FABP1
TRINITY_DN1743_c33_g1_i1	12.6046511628	0
TRINITY_DN7549_c0_g1_i3	12.5827783436	0
TRINITY_DN565_c15_g1_i1	12.54	0 DNAT
TRINITY_DN131944_c0_g1_i1	12.5365853659	0 NFKB1
TRINITY_DN57031_c0_g2_i1	12.5351351351	0 TMPS3
TRINITY_DN1685_c0_g1_i5	12.53125	0
TRINITY_DN4281_c0_g1_i1	12.5294117647	0 TRET1
TRINITY_DN66607_c1_g3_i2	12.5	0.000008932
TRINITY_DN2600_c3_g1_i1	12.5	5.988E-08
TRINITY_DN23627_c0_g1_i3	12.5	0 PHNW
TRINITY_DN39218_c0_g5_i1	12.487804878	0
TRINITY_DN4272_c2_g1_i3	12.4769278414	0 MIOX
TRINITY_DN32067_c1_g3_i1	12.4444444444	0
TRINITY_DN3022_c2_g2_i1	12.4390243902	0
TRINITY_DN64914_c0_g1_i1	12.4375	0
TRINITY_DN39_c15_g1_i1	12.3875	0
TRINITY_DN160698_c0_g1_i1	12.3846153846	5.145E-11
TRINITY_DN9007_c0_g1_i3	12.3644067797	0
TRINITY_DN8974_c0_g2_i3	12.35	0
TRINITY_DN42469_c0_g1_i2	12.3076923077	6.175E-11
TRINITY_DN16823_c3_g1_i1	12.298245614	0
TRINITY_DN3999_c1_g1_i1	12.2903225806	0
TRINITY_DN41500_c0_g1_i1	12.2903225806	0



TRINITY_DN1080_c2_g1_i2	12.2777777778	0
TRINITY_DN5802_c0_g2_i1	12.2727272727	9.2E-09
TRINITY_DN27650_c1_g1_i6	12.2647058824	0
TRINITY_DN6875_c4_g1_i1	12.25	0.00001474
TRINITY_DN116247_c0_g2_i1	12.25	0
TRINITY_DN4504_c0_g3_i2	12.2096774194	0 SPB6
TRINITY_DN11915_c3_g1_i1	12.2	1.265E-07
TRINITY_DN9283_c1_g1_i5	12.1933701657	0
TRINITY_DN3040_c17_g1_i1	12.1875	0
TRINITY_DN2955_c0_g1_i12	12.1855345912	0 AASS
TRINITY_DN4070_c1_g1_i1	12.1538461538	1.029E-10
TRINITY_DN4104_c0_g1_i1	12.1463414634	0
TRINITY_DN8701_c0_g1_i3	12.1388888889	0
TRINITY_DN53559_c0_g1_i2	12.1121495327	0 CDO1
TRINITY_DN26719_c12_g1_i1	12.0588235294	0
TRINITY_DN10771_c6_g1_i1	12.0410557185	0
TRINITY_DN569_c7_g1_i1	12.0206185567	0
TRINITY_DN2592_c0_g4_i1	12.0	2.082E-07
TRINITY_DN49464_c0_g1_i1	12.0	1.698E-10
TRINITY_DN191613_c0_g1_i1	12.0	0
TRINITY_DN56083_c0_g1_i1	11.9047619048	0
TRINITY_DN28806_c5_g1_i1	11.8936170213	0
TRINITY_DN186155_c0_g1_i1	11.8888888889	0
TRINITY_DN4414_c0_g1_i1	11.8576388889	0
TRINITY_DN14175_c0_g2_i1	11.85	0
TRINITY_DN1906_c2_g1_i1	11.8461538462	0
TRINITY_DN74906_c0_g1_i1	11.8095238095	0
TRINITY_DN216458_c0_g1_i2	11.7941176471	0
TRINITY_DN146396_c4_g1_i1	11.7796610169	0
TRINITY_DN2523_c6_g1_i1	11.7692307692	3.602E-10
TRINITY_DN25672_c4_g1_i1	11.7692307692	3.602E-10
TRINITY_DN280353_c0_g1_i1	11.7692307692	3.602E-10
TRINITY_DN176663_c0_g2_i1	11.7575757576	0
TRINITY_DN91620_c1_g1_i1	11.75	0.00004012
TRINITY_DN58160_c4_g1_i1	11.75	0
TRINITY_DN2340_c0_g1_i1	11.7	0
TRINITY_DN298418_c0_g1_i1	11.6810344828	0
TRINITY_DN1338_c6_g1_i1	11.6754385965	0
TRINITY_DN59133_c2_g1_i1	11.6393442623	0
TRINITY_DN42451_c0_g4_i1	11.6373626374	0
TRINITY_DN21096_c0_g1_i1	11.6363636364	0
TRINITY_DN759_c1_g3_i1	11.6043165468	0
TRINITY_DN11722_c2_g1_i1	11.5925925926	0
TRINITY_DN205620_c0_g1_i1	11.5918367347	0
TRINITY_DN52589_c0_g1_i1	11.5714285714	0.0005639
TRINITY_DN749_c0_g1_i1	11.5461538462	0 CTR2

TRINITY_DN3866_c4_g1_i1	11.5416666667	0
TRINITY_DN37583_c3_g1_i1	11.5384615385	0 VGL2B
TRINITY_DN1920_c0_g1_i7	11.5117845118	0
TRINITY_DN5802_c0_g1_i11	11.5025641026	0
TRINITY_DN11635_c1_g1_i5	11.5	0
TRINITY_DN3290_c2_g1_i1	11.4615384615	9.673E-10
TRINITY_DN1205_c0_g1_i2	11.4423076923	0
TRINITY_DN123782_c2_g1_i1	11.425	0
TRINITY_DN560_c3_g1_i6	11.4166666667	0
TRINITY_DN14798_c0_g4_i1	11.3653846154	0
TRINITY_DN48436_c4_g1_i1	11.3636363636	0
TRINITY_DN4897_c2_g1_i2	11.3617021277	0
TRINITY_DN14339_c0_g3_i1	11.3193277311	0
TRINITY_DN16364_c0_g1_i1	11.313253012	0
TRINITY_DN37583_c0_g1_i1	11.3076923077	1.585E-09
TRINITY_DN14277_c0_g1_i1	11.3	0.000001189
TRINITY_DN20068_c0_g1_i1	11.3	0
TRINITY_DN2317_c0_g3_i1	11.3	0
TRINITY_DN436_c10_g1_i1	11.2972972973	0
TRINITY_DN54409_c1_g1_i1	11.2857142857	1.904E-10
TRINITY_DN94435_c0_g4_i1	11.2857142857	1.904E-10
TRINITY_DN146994_c2_g1_i1	11.25	0
TRINITY_DN1220_c0_g1_i9	11.2464788732	0 PLCX1
TRINITY_DN45301_c2_g2_i2	11.1875	5.145E-12
TRINITY_DN35494_c1_g1_i1	11.1818181818	1.816E-07
TRINITY_DN54890_c0_g2_i1	11.1818181818	1.816E-07
TRINITY_DN172312_c0_g1_i1	11.1142857143	0
TRINITY_DN17755_c0_g3_i1	11.1142857143	0
TRINITY_DN21252_c0_g1_i1	11.1111111111	0 ARG1
TRINITY_DN31342_c0_g1_i10	11.05	0
TRINITY_DN86947_c0_g2_i1	11.05	0
TRINITY_DN80902_c0_g2_i1	11.0199004975	0
TRINITY_DN93442_c2_g2_i1	11.0	0.0001799
TRINITY_DN60558_c0_g1_i6	10.9738783036	0 CACT
TRINITY_DN4977_c1_g1_i1	10.9342105263	0
TRINITY_DN44108_c5_g1_i1	10.9230769231	5.464E-09
TRINITY_DN118875_c0_g1_i1	10.92	0
TRINITY_DN10182_c1_g2_i1	10.8888888889	0
TRINITY_DN6891_c0_g2_i1	10.875	0.000231
TRINITY_DN4667_c3_g1_i1	10.8581560284	0
TRINITY_DN33760_c0_g3_i1	10.8571428571	0.001978
TRINITY_DN42031_c0_g2_i1	10.8571428571	0.001978
TRINITY_DN2695_c2_g2_i1	10.8529411765	0
TRINITY_DN133799_c0_g1_i1	10.8333333333	0
TRINITY_DN3464_c0_g2_i2	10.78	0

TRINITY_DN34349_c0_g3_i1	10.7551020408	0
TRINITY_DN89539_c1_g1_i1	10.7476124543	0
TRINITY_DN60863_c0_g1_i7	10.7446808511	0
TRINITY_DN4723_c0_g1_i12	10.7407407407	0
TRINITY_DN30130_c0_g4_i1	10.71875	0
TRINITY_DN1012_c0_g1_i1	10.6818181818	0
TRINITY_DN20106_c0_g1_i2	10.6666666667	0
TRINITY_DN90483_c0_g2_i1	10.6363636364	8.047E-07
TRINITY_DN5501_c4_g3_i1	10.6181818182	0
TRINITY_DN20641_c0_g1_i1	10.6144067797	0 HYPDH
TRINITY_DN12223_c1_g1_i1	10.6	0.000006778
TRINITY_DN27915_c0_g2_i2	10.6	0
TRINITY_DN64298_c1_g1_i1	10.5925925926	0
TRINITY_DN157512_c0_g1_i1	10.5384615385	1.881E-08
TRINITY_DN686_c19_g1_i1	10.5294117647	5.145E-12
TRINITY_DN2159_c1_g1_i1	10.5	5.145E-11
TRINITY_DN317669_c0_g1_i1	10.5	0
TRINITY_DN33673_c2_g1_i1	10.5	0
TRINITY_DN1293_c0_g1_i1	10.4945697577	0
TRINITY_DN35318_c1_g1_i1	10.4787234043	0
TRINITY_DN77819_c2_g1_i1	10.4761904762	0
TRINITY_DN58931_c0_g1_i1	10.4222222222	0
TRINITY_DN4190_c0_g1_i2	10.421875	0
TRINITY_DN25061_c0_g1_i1	10.4166666667	0
TRINITY_DN93026_c0_g1_i2	10.3777777778	0
TRINITY_DN8232_c0_g1_i7	10.3684210526	0
TRINITY_DN6649_c2_g1_i3	10.3289473684	0
TRINITY_DN105125_c0_g1_i2	10.3269754768	0 SINAL
TRINITY_DN27378_c0_g2_i1	10.32	0
TRINITY_DN551_c4_g1_i1	10.3176810547	0 VIT
TRINITY_DN163172_c0_g1_i1	10.2727272727	0
TRINITY_DN9236_c0_g3_i2	10.2666666667	0
TRINITY_DN74716_c2_g2_i1	10.2631578947	0
TRINITY_DN24092_c0_g3_i1	10.2463768116	0
TRINITY_DN2944_c7_g1_i1	10.2448979592	0
TRINITY_DN2634_c0_g1_i4	10.2301790281	0 CLZ9
TRINITY_DN11593_c0_g1_i1	10.2280701754	0
TRINITY_DN69197_c0_g2_i1	10.225	0 URAD
TRINITY_DN146947_c1_g1_i1	10.2	0.0000183
TRINITY_DN162649_c3_g1_i1	10.2	0.0000183
TRINITY_DN8143_c0_g2_i1	10.1891891892	0
TRINITY_DN26850_c0_g2_i1	10.15	0
TRINITY_DN48090_c0_g2_i1	10.1428571429	0.006928
TRINITY_DN42332_c0_g1_i5	10.1219047619	0
TRINITY_DN28710_c6_g1_i1	10.0555555556	5.145E-12

TRINITY_DN65662_c0_g6_i1	10.0434782609	0
TRINITY_DN68204_c1_g1_i1	10.0434782609	0
TRINITY_DN255765_c0_g1_i1	10.0365853659	0
TRINITY_DN20665_c0_g2_i2	10.03125	0
TRINITY_DN553_c0_g1_i1	10.00456621	0
TRINITY_DN105474_c0_g1_i1	10.0	0.00003005
TRINITY_DN10555_c0_g1_i2	10.0	0
TRINITY_DN31105_c0_g1_i1	9.972972973	0
TRINITY_DN25803_c1_g4_i1	9.9493670886	0
TRINITY_DN10695_c5_g1_i1	9.9473684211	0
TRINITY_DN25260_c0_g1_i11	9.9310699588	0
TRINITY_DN2679_c8_g2_i1	9.9299065421	0
TRINITY_DN26719_c7_g2_i2	9.9038461538	0
TRINITY_DN12308_c0_g1_i4	9.8721804511	0 CDD
TRINITY_DN17884_c0_g2_i1	9.8666666667	4.07E-09
TRINITY_DN38909_c0_g2_i1	9.8333333333	0 P5CR3
TRINITY_DN7129_c0_g1_i2	9.8146067416	0 CLZ9
TRINITY_DN320614_c0_g1_i1	9.7960199005	0
TRINITY_DN613_c15_g1_i1	9.7857142857	0
TRINITY_DN69396_c1_g1_i3	9.7763157895	0
TRINITY_DN2822_c0_g1_i4	9.75	0
TRINITY_DN26_c3_g1_i1	9.7142857143	0
TRINITY_DN50948_c0_g1_i2	9.7142857143	0
TRINITY_DN986_c1_g2_i1	9.7142857143	0
TRINITY_DN6985_c0_g4_i1	9.698630137	0
TRINITY_DN1524_c0_g1_i2	9.6794871795	0
TRINITY_DN25304_c0_g2_i1	9.65	0
TRINITY_DN13227_c0_g2_i1	9.6363636364	0
TRINITY_DN22328_c0_g1_i1	9.6363636364	0
TRINITY_DN15893_c1_g1_i2	9.625	0
TRINITY_DN17269_c0_g1_i7	9.6140350877	0
TRINITY_DN4699_c1_g2_i1	9.6129032258	0
TRINITY_DN4508_c0_g2_i1	9.5681818182	0
TRINITY_DN5242_c1_g1_i1	9.5384615385	0
TRINITY_DN77744_c0_g1_i1	9.5384615385	0
TRINITY_DN67750_c0_g1_i1	9.5294117647	4.168E-10
TRINITY_DN15321_c0_g5_i2	9.5217391304	0
TRINITY_DN11081_c0_g1_i1	9.5	0
TRINITY_DN4311_c0_g1_i2	9.4814814815	0 LIP1
TRINITY_DN83642_c2_g1_i1	9.4761904762	0
TRINITY_DN1738_c0_g1_i3	9.4752475248	0 PGLR2
TRINITY_DN14029_c0_g2_i1	9.4634146341	0
TRINITY_DN37804_c0_g1_i1	9.4457831325	0 PPAL
TRINITY_DN17685_c0_g1_i2	9.4444444444	0
TRINITY_DN62498_c0_g1_i4	9.4390243902	0 PH4H

TRINITY_DN892_c2_g4_i1	9.4285714286	0 INX3
TRINITY_DN5666_c4_g1_i1	9.4269662921	0
TRINITY_DN1626_c0_g5_i1	9.4246575342	0
TRINITY_DN7421_c0_g6_i1	9.4117647059	6.843E-10
TRINITY_DN65308_c0_g3_i1	9.4	0
TRINITY_DN30810_c0_g1_i5	9.3863636364	0
TRINITY_DN208762_c0_g1_i1	9.3548387097	0
TRINITY_DN2580_c0_g3_i1	9.35	0
TRINITY_DN78297_c0_g5_i1	9.3404255319	0
TRINITY_DN5584_c8_g1_i1	9.3333333333	0
TRINITY_DN6550_c0_g2_i1	9.3333333333	0
TRINITY_DN5689_c0_g2_i1	9.32	0
TRINITY_DN7724_c2_g2_i1	9.3157894737	3.602E-11
TRINITY_DN6219_c0_g1_i3	9.3125	5.686E-09
TRINITY_DN15321_c0_g6_i1	9.3125	0
TRINITY_DN49860_c1_g1_i1	9.25	0
TRINITY_DN6356_c0_g2_i1	9.2105263158	5.66E-11
TRINITY_DN80_c6_g1_i1	9.2	0
TRINITY_DN90822_c0_g5_i1	9.1923076923	0
TRINITY_DN5429_c1_g1_i2	9.1914893617	0
TRINITY_DN39218_c0_g3_i1	9.1891891892	0
TRINITY_DN10113_c0_g1_i1	9.1818181818	0
TRINITY_DN868_c0_g2_i1	9.1388888889	0 MCATL
TRINITY_DN18965_c0_g1_i9	9.1304347826	0
TRINITY_DN5199_c1_g2_i1	9.125	0
TRINITY_DN57089_c0_g2_i1	9.1052631579	8.747E-11
TRINITY_DN70262_c4_g1_i1	9.09375	0
TRINITY_DN635_c0_g1_i1	9.0810810811	0
TRINITY_DN77899_c0_g4_i1	9.0227272727	0
TRINITY_DN22331_c0_g1_i6	9.0098522167	0 TRBP2
TRINITY_DN88451_c0_g1_i1	9.0	0.009734
TRINITY_DN33694_c3_g1_i1	8.975	0
TRINITY_DN195_c0_g1_i1	8.9677419355	0 CUD4
TRINITY_DN134997_c0_g1_i1	8.9444444444	9.519E-10
TRINITY_DN130043_c0_g1_i1	8.9166666667	0
TRINITY_DN39811_c0_g2_i1	8.9090909091	0.00008821 CTRB1
TRINITY_DN51316_c1_g1_i1	8.9090909091	0.00008821
TRINITY_DN120340_c1_g1_i1	8.9	0.0004574
TRINITY_DN15850_c6_g1_i1	8.9	0.0004574
TRINITY_DN22366_c0_g1_i5	8.9	0.0004574
TRINITY_DN30809_c1_g1_i1	8.9	0
TRINITY_DN488_c6_g1_i1	8.8974358974	0
TRINITY_DN4303_c0_g1_i1	8.8918918919	0
TRINITY_DN18138_c0_g1_i1	8.8876404494	0
TRINITY_DN613_c11_g1_i1	8.8571428571	1.029E-11

TRINITY_DN101663_c2_g1_i1	8.8333333333	0.00002184
TRINITY_DN142936_c0_g1_i6	8.8	2.058E-07
TRINITY_DN299655_c0_g1_i1	8.8	0
TRINITY_DN827_c1_g2_i1	8.787109375	0
TRINITY_DN44158_c0_g2_i2	8.7851851852	0
TRINITY_DN10316_c0_g1_i2	8.7803384948	0 YRBE
TRINITY_DN6668_c0_g1_i1	8.7788461538	0
TRINITY_DN5094_c5_g1_i1	8.7708333333	0
TRINITY_DN44221_c0_g1_i2	8.7272727273	0.0001444
TRINITY_DN171715_c0_g1_i1	8.7272727273	5.145E-12
TRINITY_DN53196_c0_g1_i1	8.68	0 AKCL2
TRINITY_DN4445_c0_g3_i1	8.6666666667	0
TRINITY_DN927_c2_g3_i1	8.6666666667	0
TRINITY_DN36667_c2_g1_i1	8.6621621622	0
TRINITY_DN7007_c4_g1_i2	8.6328125	0 CO6A6
TRINITY_DN26306_c0_g2_i1	8.6296296296	0
TRINITY_DN3812_c1_g1_i1	8.6279069767	0
TRINITY_DN1365_c0_g1_i3	8.6153846154	0
TRINITY_DN2983_c4_g1_i1	8.6136363636	0
TRINITY_DN4201_c0_g1_i12	8.612244898	0
TRINITY_DN13465_c5_g1_i1	8.6	2.007E-10
TRINITY_DN3551_c0_g1_i9	8.5775862069	0
TRINITY_DN14093_c0_g4_i1	8.5352112676	0
TRINITY_DN8462_c0_g1_i5	8.5263157895	1.312E-09 NPC2
TRINITY_DN34873_c1_g1_i1	8.5111111111	0
TRINITY_DN204483_c0_g1_i2	8.5090909091	0 HR38
TRINITY_DN17657_c0_g2_i1	8.5	6.668E-09
TRINITY_DN20122_c0_g1_i1	8.5	0
TRINITY_DN97865_c0_g1_i2	8.5	0
TRINITY_DN10431_c1_g1_i1	8.4666666667	0.000000698
TRINITY_DN14445_c0_g1_i7	8.4666666667	0.000000698
TRINITY_DN56640_c0_g1_i2	8.4375	1.739E-07
TRINITY_DN9680_c0_g1_i2	8.4363636364	0
TRINITY_DN63614_c4_g1_i1	8.4285714286	0.000003583
TRINITY_DN2702_c0_g1_i2	8.4087591241	0
TRINITY_DN1982_c1_g1_i5	8.4054054054	0
TRINITY_DN56864_c0_g1_i1	8.4	0
TRINITY_DN78892_c0_g3_i2	8.3958333333	0
TRINITY_DN107893_c0_g1_i1	8.3854166667	0
TRINITY_DN21079_c2_g1_i2	8.3846153846	0.00001844
TRINITY_DN47006_c4_g1_i1	8.3846153846	0.00001844
TRINITY_DN5155_c0_g2_i1	8.375	0
TRINITY_DN23076_c0_g1_i2	8.3617021277	0
TRINITY_DN659_c0_g1_i5	8.3617021277	0
TRINITY_DN11884_c0_g1_i5	8.3333333333	0.000001137
TRINITY_DN506_c0_g1_i9	8.3273322422	0

TRINITY_DN26_c1_g5_i1	8.3272727273	0
TRINITY_DN9550_c0_g1_i1	8.3033707865	0
TRINITY_DN31855_c0_g1_i1	8.3	0.002009
TRINITY_DN41341_c1_g5_i1	8.3	8.644E-10
TRINITY_DN3250_c0_g1_i4	8.2727272727	0.0004935
TRINITY_DN996_c12_g1_i1	8.2649006623	0
TRINITY_DN4583_c0_g1_i6	8.2648401826	0
TRINITY_DN494_c1_g3_i1	8.2597765363	0 CP4C1
TRINITY_DN29017_c1_g3_i1	8.2580645161	0
TRINITY_DN18739_c1_g1_i1	8.2570093458	0
TRINITY_DN12313_c0_g2_i1	8.2444444444	0
TRINITY_DN72655_c0_g1_i3	8.2323232323	0
TRINITY_DN33441_c0_g1_i1	8.2114285714	0
TRINITY_DN41405_c1_g1_i1	8.2	1.405E-09
TRINITY_DN1986_c0_g1_i2	8.1993670886	0 ITPL
TRINITY_DN1545_c0_g1_i2	8.1860465116	0
TRINITY_DN4073_c8_g1_i1	8.1860465116	0
TRINITY_DN29261_c0_g2_i1	8.1621621622	0 PTPRF
TRINITY_DN197931_c0_g1_i1	8.1538461538	0.0000384
TRINITY_DN77744_c0_g3_i1	8.1428571429	0.000009511
TRINITY_DN1872_c5_g1_i1	8.1423682409	0
TRINITY_DN381_c0_g2_i1	8.1358024691	0 GLCM
TRINITY_DN1012_c4_g1_i1	8.1333333333	0.000002361
TRINITY_DN33152_c1_g1_i1	8.125	5.874E-07
TRINITY_DN9106_c0_g1_i1	8.1052631579	9.128E-09
TRINITY_DN285235_c0_g1_i1	8.1	2.285E-09
TRINITY_DN71107_c0_g1_i1	8.0896551724	0 P5CS
TRINITY_DN1447_c0_g1_i1	8.0164835165	0
TRINITY_DN30493_c0_g2_i1	8.0	9.549E-07
TRINITY_DN10234_c2_g2_i1	8.0	2.315E-10
TRINITY_DN2687_c0_g1_i2	7.986332574	0 SELPB
TRINITY_DN8918_c2_g1_i1	7.9473684211	1.887E-08
TRINITY_DN1973_c3_g1_i1	7.9430051813	0
TRINITY_DN34491_c1_g1_i2	7.9375	0
TRINITY_DN791_c0_g1_i8	7.9172282703	0 DUS10
TRINITY_DN114658_c0_g3_i4	7.9166666667	0.0003237
TRINITY_DN39291_c2_g1_i1	7.8918918919	0
TRINITY_DN47824_c2_g1_i1	7.8617021277	0
TRINITY_DN22252_c0_g1_i1	7.8611111111	0
TRINITY_DN473_c13_g1_i1	7.8518518519	0
TRINITY_DN188_c0_g1_i16	7.8238095238	0
TRINITY_DN1883_c2_g1_i1	7.8053691275	0
TRINITY_DN1334_c2_g1_i1	7.8	0.00687

TRINITY_DN159565_c0_g2_i1	7.7567567568	0
TRINITY_DN4875_c1_g2_i1	7.75	0
TRINITY_DN33937_c3_g1_i1	7.7352941176	0
TRINITY_DN217131_c0_g1_i1	7.7222222222	1.989E-07
TRINITY_DN16703_c0_g1_i3	7.7142857143	0
TRINITY_DN90241_c0_g2_i1	7.7096774194	0
TRINITY_DN91165_c0_g2_i1	7.6956521739	3.139E-10
TRINITY_DN4553_c0_g1_i1	7.6865671642	0
TRINITY_DN53877_c0_g3_i2	7.6393442623	0 IDGF4
TRINITY_DN1980_c9_g1_i1	7.6197916667	0
TRINITY_DN78133_c4_g1_i1	7.6086956522	5.094E-10
TRINITY_DN150_c0_g1_i2	7.5786568537	0 LYS
TRINITY_DN119943_c2_g1_i1	7.5730994152	0
TRINITY_DN125314_c0_g1_i1	7.5714285714	0
TRINITY_DN4765_c0_g1_i3	7.5588235294	0
TRINITY_DN15602_c1_g2_i1	7.5518867925	0
TRINITY_DN78301_c0_g1_i2	7.5454545455	0.003503
TRINITY_DN2086_c0_g1_i9	7.5416666667	2.058E-10
TRINITY_DN2619_c2_g3_i1	7.5416666667	0
TRINITY_DN143_c0_g3_i1	7.525462963	0
TRINITY_DN24730_c0_g1_i9	7.5024311183	0
TRINITY_DN207641_c0_g1_i1	7.5	5.227E-07
TRINITY_DN42391_c2_g6_i1	7.5	2.058E-11
TRINITY_DN34392_c3_g2_i1	7.5	0
TRINITY_DN4459_c0_g2_i8	7.4851485149	0 RTBS
TRINITY_DN184643_c0_g1_i1	7.4823529412	0
TRINITY_DN77744_c0_g2_i1	7.4814814815	0 PYX
TRINITY_DN6640_c0_g3_i1	7.4516129032	0
TRINITY_DN7363_c1_g2_i3	7.4262295082	0
TRINITY_DN133283_c0_g1_i1	7.4230769231	0
TRINITY_DN2106_c0_g1_i3	7.4217687075	0
TRINITY_DN54469_c1_g1_i1	7.4176470588	0
TRINITY_DN134169_c1_g1_i1	7.4	0.0000341
TRINITY_DN140569_c0_g1_i7	7.4	0.0000341
TRINITY_DN1047_c12_g1_i1	7.3973941368	0
TRINITY_DN17832_c0_g1_i2	7.3846153846	0.0004388
TRINITY_DN27094_c3_g1_i1	7.375	0.00001076
TRINITY_DN2952_c9_g2_i1	7.3571428571	5.145E-12
TRINITY_DN1078_c2_g1_i2	7.3333333333	6.843E-10
TRINITY_DN2800_c6_g1_i1	7.3333333333	0
TRINITY_DN29492_c0_g1_i1	7.32	2.213E-10
TRINITY_DN4052_c0_g2_i1	7.3149171271	0
TRINITY_DN30055_c1_g3_i1	7.3085714286	0
TRINITY_DN15507_c0_g1_i5	7.2932330827	0 TRY1
TRINITY_DN516_c0_g1_i7	7.2797619048	0



TRINITY_DN274_c2_g2_i1	7.2734693878	0
TRINITY_DN4502_c0_g1_i10	7.2727272727	0
TRINITY_DN11_c1_g1_i2	7.2623255814	0 PAHX
TRINITY_DN7491_c2_g1_i2	7.26	0
TRINITY_DN185524_c0_g1_i1	7.2571428571	0
TRINITY_DN2385_c7_g1_i1	7.2571428571	0
TRINITY_DN71702_c0_g1_i1	7.2558139535	0
TRINITY_DN2735_c11_g1_i1	7.2419354839	0
TRINITY_DN37501_c0_g1_i2	7.234375	0
TRINITY_DN19665_c0_g6_i2	7.2333333333	0
TRINITY_DN2180_c0_g1_i1	7.194044665	0
TRINITY_DN13358_c0_g1_i2	7.1621621622	0
TRINITY_DN25154_c2_g2_i1	7.1617647059	0
TRINITY_DN2108_c7_g1_i1	7.16	5.711E-10
TRINITY_DN1714_c1_g1_i2	7.1503416856	0 FACR1
TRINITY_DN4804_c0_g3_i5	7.1481481481	5.66E-11
TRINITY_DN4445_c1_g1_i1	7.1470588235	0
TRINITY_DN50619_c0_g1_i2	7.1428571429	0.0002851
TRINITY_DN47819_c4_g1_i1	7.125	0.00002825
TRINITY_DN2025_c1_g3_i1	7.1139240506	0
TRINITY_DN4379_c3_g1_i1	7.1111111111	0.000002819
TRINITY_DN8363_c1_g4_i1	7.1052631579	8.923E-07
TRINITY_DN24565_c0_g3_i1	7.1	2.828E-07
TRINITY_DN7501_c1_g1_i1	7.1	0
TRINITY_DN108430_c0_g1_i4	7.0845070423	0
TRINITY_DN47931_c0_g2_i2	7.0769230769	0.001157
TRINITY_DN49087_c0_g3_i1	7.0769230769	0.001157
TRINITY_DN5513_c6_g1_i1	7.0666666667	5.145E-12
TRINITY_DN393_c0_g2_i1	7.0576923077	0 CUO6
TRINITY_DN5931_c1_g1_i1	7.0425531915	0
TRINITY_DN11450_c0_g1_i1	7.0175438596	0
TRINITY_DN13908_c0_g6_i1	7.0	0.001474
TRINITY_DN16973_c0_g2_i1	7.0	0.001474
TRINITY_DN59778_c2_g1_i1	7.0	0.0004622
TRINITY_DN49361_c1_g2_i1	7.0	4.566E-07
TRINITY_DN22212_c0_g2_i1	7.0	0
TRINITY_DN46970_c2_g1_i1	6.9807692308	0
TRINITY_DN1434_c0_g2_i1	6.977443609	0 FAD9
TRINITY_DN220457_c1_g1_i1	6.9642857143	6.175E-11
TRINITY_DN18069_c0_g3_i1	6.962962963	0
TRINITY_DN21613_c1_g2_i1	6.962962963	0
TRINITY_DN48090_c1_g1_i1	6.9444444444	0
TRINITY_DN1810_c6_g1_i1	6.9398734177	0
TRINITY_DN8231_c0_g5_i1	6.9285714286	0.0005883
TRINITY_DN6801_c1_g3_i1	6.9166666667	7.487E-09
TRINITY_DN2011_c1_g1_i1	6.9139784946	0
TRINITY_DN30055_c1_g2_i2	6.90625	0

TRINITY_DN39114_c0_g1_i1	6.9032258065	5.145E-12
TRINITY_DN73_c1_g2_i1	6.8977272727	0
TRINITY_DN8979_c5_g1_i1	6.8888888889	3.087E-10
TRINITY_DN32739_c2_g1_i1	6.88	3.02E-09
TRINITY_DN8076_c0_g2_i1	6.862745098	0
TRINITY_DN50508_c3_g1_i1	6.8518518519	0
TRINITY_DN3022_c2_g1_i4	6.8510638298	0
TRINITY_DN10017_c0_g3_i1	6.8486486486	0
TRINITY_DN36951_c2_g1_i1	6.8461538462	0.002391
TRINITY_DN18284_c1_g1_i2	6.8461538462	0
TRINITY_DN18095_c1_g1_i1	6.8333333333	0.000009351
TRINITY_DN78499_c1_g1_i1	6.8333333333	1.205E-08
TRINITY_DN43636_c0_g2_i1	6.8148148148	4.94E-10
TRINITY_DN15358_c4_g1_i1	6.8	4.862E-09
TRINITY_DN7208_c1_g1_i1	6.8	2.058E-11
TRINITY_DN8076_c1_g3_i1	6.7894736842	0.000003754
TRINITY_DN6468_c3_g1_i1	6.7577914583	0
TRINITY_DN11353_c0_g4_i1	6.7373737374	0
TRINITY_DN23123_c0_g1_i2	6.7247813411	0
TRINITY_DN18117_c5_g1_i1	6.7222222222	0
TRINITY_DN22907_c0_g1_i4	6.6875	0.0001519
TRINITY_DN8732_c4_g1_i3	6.6830601093	0
TRINITY_DN12019_c0_g1_i1	6.6727480046	0
TRINITY_DN55_c15_g1_i1	6.6679245283	0
TRINITY_DN107768_c0_g1_i1	6.6666666667	0.00001916
TRINITY_DN36708_c1_g1_i1	6.6666666667	0.00001916
TRINITY_DN4257_c9_g1_i1	6.6666666667	0.00001916
TRINITY_DN22367_c0_g3_i3	6.6206896552	2.058E-10
TRINITY_DN18_c8_g1_i2	6.6	0.000003083
TRINITY_DN12882_c0_g1_i1	6.575	0 MSTAA
TRINITY_DN4386_c6_g1_i1	6.55	0.000003912
TRINITY_DN86147_c2_g1_i1	6.5423728814	0
TRINITY_DN20986_c2_g1_i1	6.5416666667	6.355E-08
TRINITY_DN5229_c2_g1_i2	6.524838013	0
TRINITY_DN24662_c0_g1_i3	6.518707483	0
TRINITY_DN5662_c0_g1_i7	6.5132343447	0 ASM
TRINITY_DN1768_c2_g1_i1	6.5	0.000004962
TRINITY_DN80363_c0_g1_i5	6.5	1.032E-08
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UniProt name

Trypsin alpha

Kunitz-type serine protease inhibitor PPTI

Aminopeptidase M1-D

Endo-polygalacturonase

Endoglucanase E-4

unknown

Trypsin-3

Lysosomal acid glucosylceramidase

Sialin

Lipase member H

Trypsin-1

Trypsin-1

Esterase FE4

Trypsin alpha

Trypsin-1

Putative glucosylceramidase 4

Hemolymph lipopolysaccharide-binding protein

Putative defense protein

Putative glucosylceramidase 4

Lysosomal acid glucosylceramidase

Juvenile hormone esterase

Trypsin-1

Esterase E4

Esterase E4

Fatty acyl-CoA hydrolase precursor, medium chain

Collagen alpha-1(VII) chain

Lipase member H

Esterase FE4

Chymotrypsin BII

Endo-polygalacturonase

Pancreatic triacylglycerol lipase

Serine protease inhibitor 3/4 (Fragment)

Sialin

Venom serine carboxypeptidase

Venom serine carboxypeptidase

Endo-polygalacturonase

Trypsin-1

Alpha-L-fucosidase

Trypsin

Sodium/potassium/calcium exchanger 4

Lipase member H

Lysosomal alpha-mannosidase

Endo-polygalacturonase

Endo-polygalacturonase

Maltase 1

Tenascin

Protein G12

Trypsin-1

Endo-polygalacturonase

Receptor-type tyrosine-protein phosphatase delta

Endo-polygalacturonase

Trypsin-1

Glucose dehydrogenase [FAD, quinone]

Lysosomal acid glucosylceramidase

Endoglucanase 7

Endo-polygalacturonase

Sialin

Leukocyte elastase inhibitor B

Endoglucanase F

Prostatic acid phosphatase

Zinc metalloproteinase nas-7

Lysosomal acid glucosylceramidase

Sodium-independent sulfate anion transporter

Alpha-L-fucosidase

Myogenesis-regulating glycosidase

Beta-galactosidase-1-like protein 3

Trypsin-4

unknown

Maltase 2

Lipase member H

Trypsin-1

Lysosomal acid glucosylceramidase

GILT-like protein 1

Chymotrypsin BI

Lysosomal alpha-glucosidase

Protein obstructor-E

Transmembrane protease serine 11G

Beta-galactosidase-1-like protein 2

Endo-polygalacturonase

Aldose 1-epimerase

Endoglucanase 4

NPC intracellular cholesterol transporter 2

Alpha-amylase 1

Endo-polygalacturonase



Maltase 1

Lysosomal acid glucosylceramidase

Lactase-phlorizin hydrolase

Lipase 3

Stewaprin-a

Lysosomal acid glucosylceramidase

Venom serine carboxypeptidase

Venom serine carboxypeptidase

Hemolymph lipopolysaccharide-binding protein

Leukocyte elastase inhibitor

Beta-galactosidase-1-like protein 3

Trypsin-1

Tenascin-R

Chymotrypsin BII

Lactase-phlorizin hydrolase

Plasminogen activator inhibitor 1

Sialin

Vitellogenic carboxypeptidase

Endo-polygalacturonase

Probable chitinase 10

Endoglucanase 5

CUB and peptidase domain-containing protein 1 (Fragment)

Endo-polygalacturonase

Holotricin-2

Endoglucanase A

Arylsulfatase I

Facilitated trehalose transporter Tret1

Calectin-1

Lysosomal acid glucosylceramidase

UNC93-like protein

Hemolymph lipopolysaccharide-binding protein

Endo-polygalacturonase

Collagen alpha-1(VII) chain

Inactive pancreatic lipase-related protein 1

Zinc metalloproteinase nas-7

Delta(7)-sterol 5(6)-desaturase

Protein G12

Trypsin-5

Beta-glucuronidase

Protein G12

Probable chitinase 10

Maltase 1

Tenascin-R

Liver carboxylesterase

Thymus-specific serine protease

Feline leukemia virus subgroup C receptor-related protein 2

Endo-polygalacturonase

Lysosomal acid phosphatase

Lactase-phlorizin hydrolase

Endo-polygalacturonase

Aldo-keto reductase family 1 member A1

Hexosaminidase D

Glucose dehydrogenase [FAD, quinone]

Aminopeptidase N

Chymotrypsin BI

Tyrosine 3-monooxygenase

Myrosinase 1

Esterase E4

Endo-polygalacturonase

Serine protease inhibitor 2

Calcitonin gene-related peptide type 1 receptor

Fibronectin (Fragments)

Lysosomal alpha-mannosidase

Neuroigin-4, X-linked

Netrin receptor DCC

Lysosomal acid glucosylceramidase

Copper transport protein CTR2

Trypsin-7

Putative serine protease K12H4.7

Endo-polygalacturonase

Myrosinase 1

Lysosomal acid glucosylceramidase

Lipase member H

Peritrophin-1

Nose resistant to fluoxetine protein 6

Zinc carboxypeptidase (Fragment)

Zinc carboxypeptidase (Fragment)

Chymotrypsin B1

Zinc carboxypeptidase A 1

Dipeptidyl peptidase 1

Chymotrypsin B1

Putative glucosylceramidase 4

Esterase FE4

Lysosomal Pro-X carboxypeptidase

Chymotrypsin BI

Endo-polygalacturonase

Innexin inx7

unknown

Sialin

unknown

Trypsin-2

Sodium/potassium/calcium exchanger 4

Chymotrypsin BI

Aminopeptidase N

Zinc carboxypeptidase A 1

Esterase FE4

V-type proton ATPase 16 kDa proteolipid subunit

Fibronectin (Fragment)

unknown

Beta-glucuronidase

Beta-glucosidase A

NPC intracellular cholesterol transporter 1 homolog 1b

Lysozyme

Phosphoenolpyruvate carboxykinase [GTP], mitochondrial

Protein peste

Uncharacterized protein ORF91

Dipeptidyl peptidase 1

V-type proton ATPase 116 kDa subunit a isoform 1

Sialin

Endo-polygalacturonase

Peritrophin-48

Endo-polygalacturonase

Protocadherin Fat 4

Phospholipid scramblase 1

Brachyurin

Pathogenesis-related thaumatin-like protein 3.5

Sialin

Apolipoprotein D

Clavesin-1

Leukocyte elastase inhibitor

Uncharacterized protein K02A2.6

Sialin

Chymotrypsin BI

Vitellogenin

Chitinase-like protein EN03

Toll-like receptor 2

Alpha-L-fucosidase

Beta-mannosidase

Cytochrome P450 4C1

Uncharacterized protein ORF91

Myrosinase 1

Chymotrypsin-like protease CTRL-1

Hemolymph lipopolysaccharide-binding protein

Esterase FE4

Cytochrome P450 4C1

C->U-editing enzyme APOBEC-1

Uncharacterized protein ORF91

Sphingomyelin phosphodiesterase

Chymotrypsin BI

Esterase FE4

Brachyurin

Toll-like receptor 2

Caspase-1

Brachyurin

Lazarillo protein



Uncharacterized protein ORF91

Aminopeptidase N

Lipase member H-B

23 kDa integral membrane protein

Lysosomal alpha-mannosidase

Trypsin-7

Aspartate aminotransferase, cytoplasmic

Beta-1,3-galactosyltransferase 5

Superoxide dismutase [Cu-Zn] 1

Transmembrane protease serine 9

Fumonisin B1 esterase

Jerky protein homolog-like

Aminopeptidase 1

Sphingomyelin phosphodiesterase

Chymotrypsin B1

Serine protease inhibitor I/II

Aminopeptidase N

Mariner Mos1 transposase

Cathepsin C

Venom carboxylesterase-6

Alpha-tocopherol transfer protein

Aromatic-L-amino-acid decarboxylase (Fragment)

Beta-galactosidase-1-like protein 2

Insulin-like growth factor-binding protein-related protein 1

DNA damage-regulated autophagy modulator protein 2

Coagulation factor IX (Fragment)

Apolipoprotein D

Vitellogenin-2

Hemolymph lipopolysaccharide-binding protein

Aminopeptidase N

Trypsin-5

Endoplasmic reticulum aminopeptidase 1

Uncharacterized protein CG3556

Alkaline phosphatase 4

Esterase FE4

unknown

Retinol-binding protein pinta

Cytochrome b5-related protein

Retrovirus-related Pol polyprotein from transposon 297

Transferrin

Alpha-glucosidase

Proto-oncogene tyrosine-protein kinase receptor Ret

Trypsin-1

Inactive hydroxysteroid dehydrogenase-like protein 1

Inter-alpha-trypsin inhibitor heavy chain H4

PI-PLC X domain-containing protein 1

Protein deadpan

Neuropeptide CCHamide-1

Sarcosine dehydrogenase, mitochondrial



unknown

High-affinity choline transporter 1

Vitellogenin

Probable cytochrome P450 6a14

Putative phospholipase B-like 2

Probable cytochrome P450 6a14



Lipid storage droplets surface-binding protein 1

Putative uncharacterized protein ART3

Glutathione S-transferase 1-1

Vitellogenin

Hemolymph lipopolysaccharide-binding protein

Chymotrypsin BI

Myrosinase 1

Venom carboxylesterase-6

Apolipoporphins

V-type proton ATPase 116 kDa subunit a isoform 1

Elongation of very long chain fatty acids protein AAEL008004

Cytochrome P450 6k1

Transposon TX1 uncharacterized 149 kDa protein

Heparanase

Uncharacterized protein C13G5.2

Lipid storage droplets surface-binding protein 1

Beta-galactosidase

Protein deadpan

Uncharacterized protein ORF91

Dehydrogenase/reductase SDR family member 11

Hexokinase type 2

Hexokinase type 2

Fructose-bisphosphate aldolase

U-scoloptoxin(16)-Er1a

Lactosylceramide 4-alpha-galactosyltransferase

Gag-Pol polyprotein

Ganglioside GM2 activator

Adenosine deaminase 2

Sodium/calcium exchanger regulatory protein 1

Dopamine N-acetyltransferase

Nuclear factor NF-kappa-B p105 subunit (Fragment)

Transmembrane protease serine 3

Facilitated trehalose transporter Tret1

2-aminoethylphosphonate--pyruvate transaminase

Inositol oxygenase

Serpin B6

Alpha-aminoadipic semialdehyde synthase, mitochondrial

Cysteine dioxygenase type 1

Cationic amino acid transporter 2

Vesicular glutamate transporter 2.2

PI-PLC X domain-containing protein 1

Arginase, hepatic

NF-kappa-B inhibitor cactus

Hydroxyproline dehydrogenase

Probable E3 ubiquitin-protein ligase sinah

Vitellogenin

unknown

2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline decarboxylase







Uncharacterized oxidoreductase YrbE

1,5-anhydro-D-fructose reductase

Collagen alpha-6(VI) chain

NPC intracellular cholesterol transporter 2

Probable nuclear hormone receptor HR38

Cytochrome P450 4C1

Ion transport peptide-like

Receptor-type tyrosine-protein phosphatase F

Lysosomal acid glucosylceramidase

Delta-1-pyrroline-5-carboxylate synthase

Selenoprotein Pb

Dual specificity protein phosphatase 10

Chitinase-like protein Idgf4

Lysozyme

Probable RNA-directed DNA polymerase from transposon BS

Transient receptor potential channel pyrexia

Trypsin-1

Phytanoyl-CoA dioxygenase, peroxisomal

Putative fatty acyl-CoA reductase CG5065

Cuticle protein 6

unknown



Mitochondrial basic amino acids transporter

Beta-hexosaminidase subunit alpha

DNA polymerase

Cationic amino acid transporter 2

Protein ALP1-like

Plasma kallikrein

Sodium-coupled neutral amino acid transporter 9

Peritrophin-1





Cathepsin D

Ankyrin repeat domain-containing protein 42

Alpha-N-acetylgalactosaminidase

unknown

Cytochrome b

Ketohexokinase

Aminopeptidase N

PiggyBac transposable element-derived protein 4

Transcript_id	Fold change	Bonferroni p-value	Uniprot hit
TRINITY_DN13225_c0_g1_i1	-inf	0.000007602	YL54B
TRINITY_DN127702_c0_g1_i1	-inf	1.01E-09	
TRINITY_DN767_c4_g1_i1	-inf	4.286E-17	
TRINITY_DN13475_c0_g4_i1	-inf	2.068E-18	
TRINITY_DN1745_c7_g1_i1	-inf	7.532E-19	
TRINITY_DN108716_c0_g2_i2	-inf	2.744E-19	GR63A
TRINITY_DN83299_c0_g1_i1	-inf	3.505E-33	
TRINITY_DN11120_c2_g1_i2	-inf	1.099E-70	
TRINITY_DN145356_c0_g1_i1	-inf	5.421E-72	
TRINITY_DN26_c1_g2_i2	-inf	2.541E-150	STRN3
TRINITY_DN5909_c0_g4_i1	-inf	1.383E-163	CALUB
TRINITY_DN983_c1_g2_i1	-816.2453825858		0 CHI10
TRINITY_DN77827_c0_g1_i6	-770.0	4.979E-81	SO74D
TRINITY_DN4799_c0_g4_i1	-267.0	1.754E-112	S46A3
TRINITY_DN983_c1_g1_i2	-252.1139240506		0 CHI10
TRINITY_DN25848_c1_g3_i1	-197.0	1.598E-18	
TRINITY_DN62671_c0_g1_i1	-177.0	2.5E-16	
TRINITY_DN108716_c0_g1_i4	-163.25	2.548E-67	GR24
TRINITY_DN13951_c1_g1_i1	-148.5	3.817E-29	
TRINITY_DN295620_c0_g1_i1	-118.7	1.692E-123	
TRINITY_DN62740_c0_g2_i1	-99.5	1.28E-102	MAS
TRINITY_DN79358_c2_g1_i1	-91.0	7.525E-07	
TRINITY_DN18768_c0_g1_i1	-89.0	0.000001254	
TRINITY_DN782_c2_g2_i1	-85.5	2.345E-105	
TRINITY_DN6864_c3_g1_i1	-81.5	1.809E-14	
TRINITY_DN11537_c0_g1_i2	-77.6666666667	7.967E-22	FTN
TRINITY_DN6732_c0_g1_i1	-76.0	0.00003491	
TRINITY_DN7999_c0_g2_i1	-72.0	4.552E-35	
TRINITY_DN21843_c1_g4_i1	-71.7272727273	6.75E-80	
TRINITY_DN202084_c0_g1_i1	-64.0	0.0007615	
TRINITY_DN7097_c0_g4_i2	-63.5619047619		0 MFD6A
TRINITY_DN34819_c0_g1_i2	-49.0	2.631E-07	

TRINITY_DN12252_c1_g1_i2	-48.5263157895	7.319E-92
TRINITY_DN11495_c0_g2_i1	-46.0	2.097E-11
TRINITY_DN30492_c0_g1_i1	-44.3333333333	7.441E-11
TRINITY_DN1345_c0_g1_i1	-43.4	1.902E-19
TRINITY_DN10440_c1_g1_i2	-41.8181818182	4.237E-44
TRINITY_DN782_c2_g1_i2	-41.4537444934	0
TRINITY_DN174410_c0_g1_i1	-41.2	3.04E-18
TRINITY_DN33497_c0_g5_i1	-40.8571428571	2.277E-26
TRINITY_DN6646_c0_g1_i2	-38.5	4.862E-106
TRINITY_DN83758_c4_g1_i1	-36.3333333333	3.283E-08
TRINITY_DN8763_c0_g1_i7	-34.4	1.607E-14
TRINITY_DN1125_c1_g3_i1	-33.5	0.0007288
TRINITY_DN10253_c7_g1_i1	-32.6737756714	0 TRYP
TRINITY_DN1071_c1_g1_i6	-32.5259406298	0 NDK5
TRINITY_DN125741_c2_g1_i2	-31.7142857143	2.21E-19
TRINITY_DN15469_c0_g2_i1	-31.3571428571	6.656E-41
TRINITY_DN86198_c0_g1_i1	-30.5	2.454E-09
TRINITY_DN23656_c0_g1_i3	-30.5	2.019E-15
TRINITY_DN1439_c0_g1_i1	-30.0833333333	3.617E-104
TRINITY_DN31245_c1_g3_i1	-30.0	0.00441
TRINITY_DN88054_c0_g1_i2	-29.6923076923	1.926E-35 SLOB
TRINITY_DN24118_c0_g2_i2	-29.0	1.465E-11
TRINITY_DN11971_c0_g1_i2	-28.5	0.009556
TRINITY_DN95350_c0_g1_i1	-27.8333333333	1.138E-13
TRINITY_DN66140_c0_g4_i4	-27.3333333333	0.00003174
TRINITY_DN9236_c0_g4_i1	-27.1538461538	7.452E-32
TRINITY_DN54068_c0_g1_i2	-27.1486486486	4.221E-193 KCP
TRINITY_DN55874_c2_g1_i2	-26.6666666667	0.00005288 SC6A4
TRINITY_DN11672_c1_g2_i1	-25.5	3.914E-07
TRINITY_DN15776_c4_g1_i2	-24.3	8.909E-21
TRINITY_DN39131_c0_g1_i2	-24.0	0.000001796
TRINITY_DN13012_c0_g2_i1	-23.7183098592	7.432E-159 WAT
TRINITY_DN7659_c1_g1_i2	-23.3	1.093E-19
TRINITY_DN303470_c0_g1_i1	-23.0	0.0008801
TRINITY_DN34853_c0_g3_i1	-22.4678899083	2.184E-230 BEST3
TRINITY_DN144012_c1_g1_i1	-21.8571428571	7.658E-12
TRINITY_DN8867_c4_g1_i1	-21.75	0.00001769

TRINITY_DN11579_c1_g1_i1	-21.3333333333	0.003168
TRINITY_DN9439_c1_g2_i2	-21.25	0.00002942
TRINITY_DN8707_c4_g1_i1	-20.8	5.754E-17
TRINITY_DN21176_c0_g2_i1	-20.4	7.738E-07
TRINITY_DN187240_c0_g1_i2	-20.0	0.008841
TRINITY_DN35707_c0_g1_i1	-20.0	0.008841
TRINITY_DN257634_c0_g1_i1	-20.0	0.000105
TRINITY_DN64635_c3_g1_i1	-20.0	0.000000016
TRINITY_DN61661_c1_g1_i1	-19.9230769231	1.213E-21
TRINITY_DN312_c7_g1_i3	-19.9090909091	7.121E-18
TRINITY_DN1383_c13_g1_i1	-19.5	0.0001747
TRINITY_DN9261_c3_g2_i1	-18.8333333333	9.361E-08
TRINITY_DN74870_c6_g1_i1	-18.75	0.0003752
TRINITY_DN610_c4_g1_i1	-18.6826538769	0 EAA3
TRINITY_DN46509_c0_g2_i1	-18.25	0.0006245
TRINITY_DN8098_c3_g1_i1	-17.8	1.056E-13
TRINITY_DN168459_c0_g1_i1	-17.7692307692	3.905E-61
TRINITY_DN182_c2_g2_i1	-17.75	0.00104
TRINITY_DN5619_c1_g1_i3	-17.649867374	0 HTH
TRINITY_DN6772_c0_g3_i1	-17.625	3.044E-10
TRINITY_DN1260_c7_g1_i1	-17.5714285714	1.458E-08
TRINITY_DN17713_c3_g1_i1	-17.5454545455	4.76E-15
TRINITY_DN10875_c0_g1_i3	-17.5	0.001342
TRINITY_DN38472_c1_g1_i1	-17.2727272727	1.008E-14
TRINITY_DN56580_c0_g2_i1	-17.125	8.313E-10
TRINITY_DN37256_c2_g1_i1	-17.0	0.00005744
TRINITY_DN99745_c0_g2_i1	-16.8571428571	5.132E-08
TRINITY_DN7596_c0_g1_i1	-16.75	6.983E-28
TRINITY_DN665_c10_g1_i1	-16.6666666667	0.000002492
TRINITY_DN31468_c0_g1_i2	-16.6	0.00009537
TRINITY_DN30913_c0_g4_i1	-16.5	0.003722
TRINITY_DN1047_c1_g2_i1	-16.4545454545	9.56E-14
TRINITY_DN2767_c0_g2_i1	-16.4090909091	3.962E-30
TRINITY_DN24343_c0_g1_i1	-16.0	0.006201
TRINITY_DN39607_c3_g1_i1	-16.0	0.006201
TRINITY_DN92749_c1_g1_i1	-16.0	0.0002041
TRINITY_DN9907_c2_g1_i1	-15.875	1.024E-08
TRINITY_DN142305_c1_g1_i1	-15.7142857143	3.843E-07
TRINITY_DN25298_c0_g1_i2	-15.6	0.0003389
TRINITY_DN30580_c0_g2_i1	-15.6	0.0003389

TRINITY_DN24120_c1_g1_i1	-15.375	2.794E-08
TRINITY_DN18340_c0_g1_i3	-15.2857142857	8.175E-07
TRINITY_DN18968_c5_g1_i1	-15.2	0.0005629
TRINITY_DN39437_c0_g1_i1	-15.2	0.0005629
TRINITY_DN1396_c1_g1_i1	-15.1040268456	0 CA3A1
TRINITY_DN24425_c0_g1_i1	-15.0992647059	0 S2611
TRINITY_DN191986_c0_g1_i2	-15.0	5.931E-08
TRINITY_DN41397_c1_g3_i1	-15.0	5.202E-12
TRINITY_DN15812_c3_g1_i2	-14.9375	1.243E-18
TRINITY_DN3335_c0_g2_i1	-14.875	1.594E-18
TRINITY_DN19325_c0_g1_i4	-14.8333333333	0.00004006
TRINITY_DN280698_c0_g1_i1	-14.8	0.0009349
TRINITY_DN4236_c1_g2_i1	-14.5	0.00006637
TRINITY_DN13465_c6_g1_i1	-14.5	1.618E-07
TRINITY_DN17976_c0_g1_i1	-14.4	0.001553
TRINITY_DN6965_c0_g1_i1	-14.3181818182	3.568E-25
TRINITY_DN2093_c0_g1_i3	-14.2222222222	3.168E-31
TRINITY_DN9203_c0_g1_i1	-14.2	0.002001
TRINITY_DN98128_c0_g1_i4	-14.1666666667	2.82E-12
TRINITY_DN701_c3_g2_i1	-14.1539644191	0
TRINITY_DN13260_c0_g1_i1	-13.875	8.475E-17
TRINITY_DN2209_c4_g1_i1	-13.8333333333	0.0001822
TRINITY_DN23611_c0_g2_i2	-13.8333333333	0.0001822
TRINITY_DN7281_c5_g1_i1	-13.8	0.003324
TRINITY_DN6097_c4_g1_i1	-13.7142857143	0.00001301
TRINITY_DN31058_c1_g1_i1	-13.7	2.998E-09
TRINITY_DN2248_c2_g1_i8	-13.6076294278	0 ASPP1
TRINITY_DN62338_c0_g3_i1	-13.6	0.004285
TRINITY_DN26184_c1_g1_i2	-13.5454545455	2.816E-10
TRINITY_DN26253_c0_g1_i4	-13.3333333333	0.0003885 POL3
TRINITY_DN70103_c0_g1_i1	-13.2545454545	1.328E-60
TRINITY_DN840_c4_g1_i2	-13.25	0.000001986
TRINITY_DN4790_c1_g2_i1	-13.2222222222	5.59E-18
TRINITY_DN11495_c0_g1_i3	-13.1538461538	8.291E-42
TRINITY_DN21611_c0_g1_i1	-13.125	0.000002552
TRINITY_DN13025_c1_g1_i2	-13.1	1.341E-08
TRINITY_DN9049_c0_g1_i4	-13.0833333333	7.175E-11
TRINITY_DN2994_c4_g1_i1	-13.0	0.0006436
TRINITY_DN4738_c0_g1_i2	-13.0	0.00004572
TRINITY_DN36667_c1_g2_i1	-13.0	0.000003279
TRINITY_DN51319_c0_g1_i2	-13.0	0.000003279 POL3

TRINITY_DN5217_c2_g1_i1	-13.0	0.000003279
TRINITY_DN255918_c0_g1_i1	-12.7142857143	0.00007559
TRINITY_DN4441_c0_g1_i3	-12.7142857143	0.00007559
TRINITY_DN7495_c1_g3_i1	-12.7	3.636E-08
TRINITY_DN4670_c0_g1_i1	-12.6666666667	1.273E-13
TRINITY_DN9237_c0_g1_i1	-12.6666666667	6.64E-17
TRINITY_DN12368_c0_g1_i11	-12.5263157895	1.036E-17
TRINITY_DN1979_c2_g2_i1	-12.4285714286	0.0001249
TRINITY_DN30758_c0_g1_i4	-12.3333333333	0.001766
TRINITY_DN267_c8_g1_i1	-12.1538461538	1.038E-10
TRINITY_DN8137_c0_g1_i2	-12.1538461538	4.696E-51
TRINITY_DN3668_c1_g1_i1	-12.1	1.623E-07
TRINITY_DN9585_c1_g2_i1	-12.0666666667	1.183E-12
TRINITY_DN38472_c1_g2_i1	-11.9901960784	9.024E-101
TRINITY_DN61661_c1_g2_i1	-11.9156626506	6.896E-81
TRINITY_DN2277_c1_g1_i1	-11.9	1.909E-17
TRINITY_DN12885_c0_g1_i7	-11.75	0.00004012
TRINITY_DN31058_c1_g2_i1	-11.75	3.851E-13
TRINITY_DN67489_c0_g2_i1	-11.7142857143	0.0004387 POL5
TRINITY_DN27936_c0_g1_i8	-11.6666666667	6.926E-21
TRINITY_DN8630_c7_g1_i1	-11.625	0.00005152
TRINITY_DN18017_c2_g1_i1	-11.6153846154	5.889E-10
TRINITY_DN33780_c0_g2_i1	-11.6	5.637E-07
TRINITY_DN38234_c0_g1_i2	-11.5789473684	3.863E-71 EAA1
TRINITY_DN126591_c0_g1_i1	-11.5714285714	0.0005639
TRINITY_DN10140_c0_g1_i1	-11.5	0.006235
TRINITY_DN1982_c0_g2_i1	-11.5	0.006235
TRINITY_DN4776_c1_g1_i1	-11.5	0.006235
TRINITY_DN6000_c0_g1_i2	-11.4666666667	1.096E-11
TRINITY_DN67148_c0_g6_i1	-11.4285714286	0.0007249
TRINITY_DN44903_c0_g1_i2	-11.4	9.274E-07 TF211
TRINITY_DN44005_c0_g1_i2	-11.375	0.00008498
TRINITY_DN5050_c1_g1_i1	-11.3	0.000001189
TRINITY_DN24858_c6_g1_i1	-11.2	0.000001525
TRINITY_DN40100_c0_g1_i2	-11.1818181818	1.816E-07
TRINITY_DN71475_c0_g3_i1	-11.125	4.549E-12
TRINITY_DN1715_c15_g1_i1	-11.0952380952	1.194E-16
TRINITY_DN41723_c0_g3_i1	-10.95	2.054E-15
TRINITY_DN5846_c4_g1_i1	-10.9	0.000003216

TRINITY_DN5593_c3_g1_i1	-10.8571428571	0.001978
TRINITY_DN8419_c0_g1_i1	-10.8	0.000004124
TRINITY_DN23815_c3_g1_i2	-10.7857142857	1.076E-09
TRINITY_DN52135_c1_g5_i1	-10.7142857143	0.002542
TRINITY_DN25860_c3_g1_i1	-10.625	0.0003807
TRINITY_DN125_c3_g1_i1	-10.6153846154	1.469E-08
TRINITY_DN542_c1_g1_i4	-10.5769230769	4.827E-132 SP88E
TRINITY_DN112624_c0_g2_i3	-10.5714285714	0.003266
TRINITY_DN12230_c0_g1_i6	-10.5714285714	0.003266
TRINITY_DN39767_c2_g1_i1	-10.5714285714	0.003266
TRINITY_DN12566_c1_g1_i1	-10.5294117647	6.456E-12
TRINITY_DN18595_c0_g1_i8	-10.5	2.887E-09
TRINITY_DN14867_c4_g1_i1	-10.4666666667	5.916E-23
TRINITY_DN60290_c0_g2_i1	-10.4285714286	0.004197
TRINITY_DN70424_c0_g1_i5	-10.4285714286	0.004197
TRINITY_DN7601_c8_g1_i1	-10.4285714286	0.004197
TRINITY_DN8872_c0_g1_i1	-10.4029850746	4.504E-54
TRINITY_DN12053_c0_g1_i8	-10.375	0.0006274
TRINITY_DN28755_c0_g1_i1	-10.3571428571	4.728E-09 POL3
TRINITY_DN1478_c1_g1_i1	-10.3333333333	1.783E-17 PPAT
TRINITY_DN4298_c0_g1_i1	-10.3125	3.84E-24
TRINITY_DN682_c2_g1_i1	-10.3033707865	1.016E-71
TRINITY_DN93709_c0_g1_i2	-10.25	0.0008053
TRINITY_DN67561_c0_g1_i3	-10.25	6.391E-14
TRINITY_DN132268_c0_g1_i1	-10.1818181818	0.000002777
TRINITY_DN44862_c0_g2_i1	-10.1428571429	0.006928
TRINITY_DN701_c3_g4_i1	-10.1136759279	0
TRINITY_DN19973_c0_g1_i1	-10.0909090909	0.000003557
TRINITY_DN2015_c0_g2_i1	-10.0909090909	0.000003557
TRINITY_DN22677_c2_g1_i1	-10.0490196078	7.999E-80
TRINITY_DN4719_c2_g1_i1	-10.0	1.059E-07
TRINITY_DN3178_c0_g2_i3	-10.0	1.621E-08
TRINITY_DN12609_c0_g4_i1	-9.96	2.503E-57
TRINITY_DN5954_c2_g1_i1	-9.9444444444	1.163E-11
TRINITY_DN30685_c0_g2_i1	-9.9166666667	2.057E-16
TRINITY_DN8184_c3_g2_i1	-9.9142857143	3.495E-25
TRINITY_DN99_c0_g1_i9	-9.8652276438	0 PGBM
TRINITY_DN487_c2_g1_i1	-9.8333333333	1.899E-11
TRINITY_DN1248_c1_g3_i1	-9.6952380952	9.279E-240



TRINITY_DN177799_c1_g1_i1	-9.625	1.136E-15
TRINITY_DN23441_c1_g1_i2	-9.625	1.136E-15
TRINITY_DN13394_c1_g2_i2	-9.6	0.00008098
TRINITY_DN24918_c1_g1_i11	-9.6	0.00008098
TRINITY_DN7559_c2_g1_i1	-9.6	0.00008098
TRINITY_DN237146_c0_g1_i1	-9.6	1.541E-12
TRINITY_DN11995_c0_g1_i1	-9.5945945946	7.49E-110
TRINITY_DN7477_c0_g2_i1	-9.5	0.003596
TRINITY_DN23550_c0_g1_i1	-9.5	9.072E-08
TRINITY_DN19944_c0_g1_i1	-9.5	2.362E-15
TRINITY_DN25963_c4_g1_i1	-9.4375	3.483E-09
TRINITY_DN2999_c6_g1_i2	-9.4262877442	0 UN93L
TRINITY_DN13239_c0_g1_i1	-9.3636363636	0.0000257
TRINITY_DN6875_c1_g4_i1	-9.3238770686	2.864E-306 TRET1
TRINITY_DN32503_c0_g2_i1	-9.2727272727	0.0000329
TRINITY_DN42391_c2_g4_i1	-9.2727272727	0.0000329
TRINITY_DN2253_c0_g5_i1	-9.25	0.005917
TRINITY_DN29392_c0_g1_i1	-9.25	0.005917
TRINITY_DN36106_c0_g2_i1	-9.25	0.005917
TRINITY_DN1363_c1_g3_i1	-9.1538461538	0.000001588 CUD4
TRINITY_DN22047_c1_g1_i1	-9.1428571429	3.096E-07
TRINITY_DN236729_c0_g1_i1	-9.1111111111	4.568E-10
TRINITY_DN5227_c6_g1_i1	-9.0769230769	0.00000203 BURS
TRINITY_DN20358_c4_g1_i1	-9.0	3.79E-09
TRINITY_DN53468_c0_g2_i2	-8.9691358025	7.262E-110
TRINITY_DN33818_c0_g2_i1	-8.9540229885	4.948E-178
TRINITY_DN59045_c0_g4_i2	-8.9090909091	0.00008821
TRINITY_DN54074_c1_g1_i1	-8.9	0.0004574
TRINITY_DN6875_c1_g1_i2	-8.8510014656	0 TRET1
TRINITY_DN72361_c1_g1_i1	-8.8461538462	0.00000424
TRINITY_DN221704_c0_g1_i1	-8.7777777778	1.974E-09
TRINITY_DN68374_c1_g2_i1	-8.7647058824	2.882E-20
TRINITY_DN101930_c0_g1_i5	-8.75	5.137E-08
TRINITY_DN16168_c0_g3_i1	-8.7272727273	0.0001444
TRINITY_DN52831_c3_g1_i1	-8.6875	6.557E-08
TRINITY_DN13917_c0_g1_i3	-8.6470588235	1.639E-08

TRINITY_DN100591_c1_g1_i1	-8.6315789474	8.052E-10
TRINITY_DN1319_c2_g2_i1	-8.6153846154	0.000008846 TAF11
TRINITY_DN1871_c1_g1_i2	-8.5666666667	6.193E-17
TRINITY_DN18847_c0_g1_i3	-8.5454545455	0.0002361
TRINITY_DN15765_c2_g1_i1	-8.5384615385	0.0000113
TRINITY_DN3604_c0_g1_i3	-8.5352112676	1.581E-43
TRINITY_DN62490_c1_g1_i1	-8.5333333333	5.468E-07
TRINITY_DN44413_c0_g4_i1	-8.4545454545	0.0003019
TRINITY_DN62882_c0_g1_i6	-8.4545454545	0.0003019
TRINITY_DN259154_c0_g1_i1	-8.4375	1.739E-07
TRINITY_DN28080_c1_g1_i2	-8.4342105263	5.644E-46 GR28B
TRINITY_DN19223_c0_g2_i1	-8.424	4.079E-77 SCN60
TRINITY_DN2534_c0_g5_i1	-8.417218543	1.467E-93 ATNA
TRINITY_DN8902_c2_g1_i2	-8.40625	1.039E-17 GVQW3
TRINITY_DN20806_c0_g1_i1	-8.3636363636	3.359E-11
TRINITY_DN10126_c0_g1_i1	-8.3571428571	0.000004574
TRINITY_DN30479_c1_g5_i1	-8.3225806452	8.478E-17
TRINITY_DN269_c0_g2_i2	-8.3173277662	0 S2611
TRINITY_DN20320_c0_g1_i2	-8.3	0.002009
TRINITY_DN7674_c2_g1_i1	-8.2926829268	5.649E-23
TRINITY_DN97580_c1_g2_i1	-8.25	1.104E-09
TRINITY_DN36699_c0_g3_i4	-8.2066805846	2.083E-291
TRINITY_DN86584_c0_g1_i1	-8.2	0.00257
TRINITY_DN76033_c1_g1_i1	-8.2	0.000001851
TRINITY_DN12201_c0_g1_i5	-8.1818181818	0.0006308
TRINITY_DN18470_c0_g2_i6	-8.125	5.874E-07
TRINITY_DN43059_c0_g1_i1	-8.125	5.874E-07
TRINITY_DN6739_c2_g1_i2	-8.1111111111	3.652E-08
TRINITY_DN194_c5_g2_i1	-8.1	0.003286
TRINITY_DN82390_c1_g1_i1	-8.0895522388	8.05E-38
TRINITY_DN1184_c0_g3_i1	-8.0526315789	1.163E-08
TRINITY_DN21647_c0_g2_i1	-8.0526315789	1.163E-08
TRINITY_DN5264_c0_g3_i1	-8.0	0.00006257
TRINITY_DN19626_c0_g1_i4	-8.0	9.549E-07
TRINITY_DN13967_c0_g1_i1	-8.0	1.418E-39
TRINITY_DN2201_c9_g1_i1	-7.9934579439	0
TRINITY_DN41656_c0_g1_i1	-7.9642857143	7.472E-14
TRINITY_DN6216_c5_g1_i1	-7.9449101796	0

TRINITY_DN929_c4_g1_i1	-7.9375	0.000001217
TRINITY_DN13495_c1_g1_i1	-7.875	3.02E-11
TRINITY_DN7775_c1_g1_i2	-7.8571428571	1.272E-17
TRINITY_DN3519_c1_g1_i1	-7.8518518519	6.106E-13
TRINITY_DN5088_c0_g1_i6	-7.8024691358	7.399E-44
TRINITY_DN1167_c9_g1_i2	-7.8	0.00687
TRINITY_DN6266_c0_g3_i1	-7.8	0.00687
TRINITY_DN16318_c4_g1_i1	-7.7272727273	0.002148
TRINITY_DN57027_c0_g2_i4	-7.6875	0.000003212 ARC
TRINITY_DN7403_c1_g2_i1	-7.68	2.526E-11
TRINITY_DN87469_c0_g2_i1	-7.68	2.526E-11
TRINITY_DN1382_c1_g2_i1	-7.6332215631	0
TRINITY_DN115191_c0_g2_i1	-7.6153846154	5.695E-19
TRINITY_DN616_c1_g2_i1	-7.6111111111	3.225E-07
TRINITY_DN105876_c0_g1_i1	-7.6086956522	5.101E-10
TRINITY_DN5045_c0_g1_i5	-7.5942028986	1.53E-73 SSR2
TRINITY_DN1458_c0_g1_i1	-7.5666666667	8.451E-14
TRINITY_DN52207_c0_g3_i1	-7.55	3.253E-08
TRINITY_DN45571_c0_g1_i1	-7.5410447761	1.497E-289 TRET1
TRINITY_DN15511_c1_g2_i1	-7.5384615385	0.0002699
TRINITY_DN299668_c0_g1_i1	-7.5384615385	0.0002699
TRINITY_DN7118_c2_g1_i1	-7.5384615385	0.0002699
TRINITY_DN35051_c0_g2_i1	-7.520979021	7.512E-153
TRINITY_DN2314_c3_g1_i3	-7.5	0.00008492
TRINITY_DN2977_c0_g5_i1	-7.5	0.000006638
TRINITY_DN10982_c0_g1_i2	-7.5	9.338E-28
TRINITY_DN102837_c1_g1_i1	-7.4736842105	1.658E-07
TRINITY_DN10244_c0_g3_i1	-7.4666666667	1.732E-13
TRINITY_DN50292_c0_g1_i2	-7.4545454545	0.004472
TRINITY_DN7780_c0_g9_i1	-7.4467353952	2.406E-153
TRINITY_DN17040_c0_g1_i1	-7.3846153846	0.0004388
TRINITY_DN37087_c1_g1_i1	-7.3846153846	0.0004388
TRINITY_DN40664_c1_g1_i2	-7.3846153846	0.0004388
TRINITY_DN8123_c1_g2_i1	-7.3846153846	0.0004388
TRINITY_DN21740_c1_g1_i1	-7.3703703704	1.38E-11
TRINITY_DN223_c4_g1_i1	-7.3684210526	2.684E-07
TRINITY_DN1492_c2_g1_i1	-7.3636363636	0.005708
TRINITY_DN167770_c0_g1_i1	-7.3636363636	0.005708

TRINITY_DN138_c5_g2_i1	-7.2790697674	1.486E-242
TRINITY_DN5247_c1_g1_i10	-7.2727272727	0.007285
TRINITY_DN301865_c0_g1_i1	-7.2727272727	1.093E-08
TRINITY_DN25704_c0_g1_i1	-7.2258064516	2.948E-13
TRINITY_DN295768_c0_g1_i1	-7.2	1.751E-07
TRINITY_DN16090_c1_g1_i1	-7.1960784314	1.591E-49
TRINITY_DN2739_c0_g4_i1	-7.1818181818	1.766E-08
TRINITY_DN3397_c1_g1_i7	-7.1377978107	0
TRINITY_DN10896_c1_g1_i1	-7.1176470588	0.000008917
TRINITY_DN192505_c0_g1_i1	-7.0952380952	8.973E-08
TRINITY_DN12296_c0_g3_i1	-7.0807276007	0
TRINITY_DN52186_c0_g2_i2	-7.0666666667	0.0001141
TRINITY_DN65985_c2_g1_i1	-7.0625	0.00003594
TRINITY_DN66986_c2_g1_i1	-7.05	3.594E-07
TRINITY_DN1766_c0_g2_i2	-7.0479452055	9.104E-70
TRINITY_DN17869_c0_g4_i2	-7.0	0.001474
TRINITY_DN5528_c0_g1_i1	-7.0	0.001474
TRINITY_DN31247_c1_g1_i2	-7.0	0.0004622
TRINITY_DN1079_c1_g1_i2	-7.0	0.000001441
TRINITY_DN2252_c6_g1_i1	-7.0	0.000001441
TRINITY_DN133545_c0_g1_i1	-6.9784946237	7.428E-43
TRINITY_DN39006_c1_g1_i1	-6.9444444444	0.000005791
TRINITY_DN59490_c0_g2_i3	-6.9444444444	0.000005791
TRINITY_DN42688_c0_g1_i1	-6.9375	0.00005815
TRINITY_DN3615_c7_g1_i1	-6.8928571429	9.776E-11
TRINITY_DN50237_c0_g1_i2	-6.85	9.356E-07 YG31B
TRINITY_DN18129_c1_g1_i3	-6.8487804878	8.562E-95 AQP
TRINITY_DN23399_c0_g1_i15	-6.8245614035	2.425E-24
TRINITY_DN131244_c0_g1_i1	-6.8235294118	0.00002963
TRINITY_DN119952_c0_g1_i1	-6.8137690355	0
TRINITY_DN6415_c2_g1_i1	-6.7666666667	2.063E-95 CHIT2
TRINITY_DN4269_c1_g2_i1	-6.7580645161	2.718E-26
TRINITY_DN8243_c2_g1_i1	-6.75	0.0001195
TRINITY_DN11851_c1_g3_i1	-6.7368421053	0.000004767
TRINITY_DN108974_c0_g1_i2	-6.7142857143	0.001212

TRINITY_DN124915_c1_g1_i1	-6.7058823529	0.00004783
TRINITY_DN25121_c1_g1_i1	-6.6923076923	0.003873
TRINITY_DN3516_c4_g2_i3	-6.6923076923	0.003873
TRINITY_DN5670_c2_g1_i1	-6.6923076923	0.003873
TRINITY_DN1198_c3_g1_i1	-6.6875	0.0001519
TRINITY_DN150753_c0_g1_i1	-6.6875	0.0001519
TRINITY_DN5284_c0_g1_i6	-6.6875	0.0001519
TRINITY_DN7813_c0_g3_i1	-6.6752418193	0 LPSBP
TRINITY_DN7494_c3_g1_i1	-6.6666666667	0.0004833
TRINITY_DN8270_c0_g1_i2	-6.6666666667	2.064E-34
TRINITY_DN39445_c0_g2_i2	-6.6216216216	7.19E-31
TRINITY_DN1427_c5_g1_i1	-6.6121212121	7.501E-72
TRINITY_DN5406_c1_g1_i3	-6.6071428571	6.517E-10
TRINITY_DN22808_c0_g1_i5	-6.5909090909	3.925E-07 POLG
TRINITY_DN1122_c17_g1_i1	-6.5625	0.0002452
TRINITY_DN881_c0_g1_i8	-6.549758293	0 POL4
TRINITY_DN33538_c0_g1_i1	-6.5454545455	4.977E-07
TRINITY_DN16464_c0_g1_i3	-6.5384615385	0.00627
TRINITY_DN16656_c0_g2_i1	-6.5384615385	0.00627
TRINITY_DN2466_c0_g1_i2	-6.5384615385	0.00627
TRINITY_DN33655_c0_g3_i1	-6.5384615385	0.00627
TRINITY_DN33900_c0_g2_i2	-6.5384615385	0.00627
TRINITY_DN4044_c1_g3_i2	-6.5384615385	0.00627
TRINITY_DN15488_c0_g2_i1	-6.5263157895	0.00001237
TRINITY_DN3928_c8_g1_i1	-6.5	0.0003114
TRINITY_DN256004_c0_g1_i1	-6.5	8.054E-08
TRINITY_DN10022_c0_g1_i4	-6.4761904762	0.000001991
TRINITY_DN10691_c0_g3_i1	-6.4615384615	0.007975 TIGD4
TRINITY_DN110072_c0_g2_i1	-6.4615384615	1.307E-08
TRINITY_DN123098_c1_g1_i3	-6.4545454545	1.125E-11 PPAF3
TRINITY_DN47311_c0_g1_i1	-6.44	4.108E-08
TRINITY_DN214493_c0_g1_i1	-6.4375	0.0003955
TRINITY_DN8520_c0_g2_i2	-6.4047619048	2.057E-15
TRINITY_DN26718_c2_g4_i1	-6.3888888889	3.904E-59
TRINITY_DN3655_c0_g2_i1	-6.3870967742	5.958E-24
TRINITY_DN4741_c0_g1_i2	-6.3831775701	3.206E-43
TRINITY_DN2371_c0_g1_i4	-6.3698630137	1.498E-28
TRINITY_DN2001_c2_g1_i1	-6.3571428571	0.004025

TRINITY_DN25578_c1_g1_i2	-6.3571428571	0.004025
TRINITY_DN36653_c1_g2_i1	-6.3548387097	1.767E-10
TRINITY_DN38372_c1_g3_i1	-6.3548387097	1.767E-10
TRINITY_DN1194_c0_g1_i1	-6.3336980785	0
TRINITY_DN3262_c1_g1_i1	-6.3305084746	2.704E-246 CCCP
TRINITY_DN43716_c0_g2_i1	-6.3214285714	4.307E-09
TRINITY_DN19805_c0_g1_i2	-6.3055555556	0
TRINITY_DN6305_c0_g1_i2	-6.2941176471	1.473E-11
TRINITY_DN1900_c1_g5_i1	-6.2916666667	2.627E-07
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GO:0015074; GO:0016787; GO:0006508; GO:0004519; GO:0006278

GO:0003677; GO:0005634; GO:0003676; GO:0008150

GO:0045087; GO:0008236; GO:0002376; GO:0046872; GO:0004252; GO:0008233; GO:0005576; GO:0004175;  
GO:0006508; GO:0016787

GO:0048511; GO:0010841; GO:0007623; GO:0005575; GO:0003674

GO:0055085; GO:0016020; GO:0022857; GO:0016021; GO:0020037; GO:0097037; GO:0015232

GO:0006629; GO:0005829; GO:0051920; GO:0004623; GO:0005615; GO:0016209; GO:0008379; GO:0102567;  
GO:0005739; GO:0004601; GO:0098869; GO:0016042; GO:0005764; GO:0016740; GO:0008152; GO:0102568;  
GO:0047184; GO:0045454; GO:0016491; GO:0005737

GO:0005575; GO:0016740; GO:0003964; GO:0003824; GO:0016779; GO:0006313; GO:0006278

GO:0016787; GO:0005783; GO:0005788; GO:0080030; GO:0052689  
GO:0055085; GO:0030285; GO:0008021; GO:0016020; GO:0045202; GO:0022857; GO:0030672; GO:0016021;  
GO:0043195; GO:0031410; GO:0007268; GO:0001669; GO:0001504; GO:0030054; GO:0043005; GO:0006836

GO:0055085; GO:2001225; GO:0016020; GO:0000166; GO:0140326; GO:0016021; GO:0042493; GO:0005886;  
GO:0042626; GO:0047484; GO:0140359; GO:0005524; GO:0008559; GO:0005515; GO:0005654; GO:0070062;  
GO:1901529

GO:0034220; GO:0016020; GO:0006811; GO:0016021; GO:0005886; GO:0005216; GO:0005230; GO:0004888

GO:0007155; GO:0007160; GO:0005576; GO:0016020; GO:0030305; GO:0016798; GO:0030200; GO:0031012;  
GO:0016787; GO:0060055

GO:0046872

GO:0055085; GO:0016020; GO:0022857; GO:0016021; GO:0015574; GO:0051119; GO:0005886; GO:0008643;  
GO:0015771; GO:0034219

GO:0030048; GO:0000146; GO:0008407; GO:0000166; GO:0005856; GO:0007605; GO:0003779; GO:0048800;  
GO:0005524; GO:0032027; GO:0035317; GO:0003774; GO:0016459; GO:0005737

GO:0033344; GO:0015918; GO:0016324; GO:0016020; GO:0016021; GO:0006869; GO:0005886; GO:0046872;  
GO:0043190; GO:0005887; GO:0042632; GO:0005524; GO:0140359; GO:0005515; GO:0042626

GO:0008188; GO:0051928; GO:0007186; GO:0016021; GO:0007589; GO:0005886; GO:0071465; GO:0004930;  
GO:0001607; GO:0007165; GO:0007218; GO:0016323

GO:0030326; GO:0043010; GO:0030501; GO:0005201; GO:0060346; GO:0062023; GO:0005515; GO:0005509;  
GO:0001527; GO:0035108; GO:0045669; GO:0005576; GO:0048048

GO:0006629; GO:0000166; GO:0005739; GO:0005524; GO:0006631; GO:0016874; GO:0031956; GO:0047760

GO:0003677; GO:0046983; GO:0000976; GO:0046872; GO:0005737; GO:0045944; GO:0001917; GO:0005654;  
GO:0005634; GO:0042802; GO:0003723

GO:0031966; GO:0016020; GO:0004497; GO:0008258; GO:0045456; GO:0035074; GO:0007391; GO:0007298;  
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GO:0005506; GO:0007417

GO:0009986; GO:0004866; GO:0005576; GO:0016020; GO:0005829; GO:0030414; GO:0045616; GO:0004867;  
GO:0005886; GO:0010951; GO:0030512; GO:0010839; GO:0001933; GO:0010466; GO:0031225; GO:0031092;  
GO:0001942; GO:0072675

GO:0055085; GO:0015718; GO:0016020; GO:0022857; GO:0006811; GO:0016021; GO:0015355; GO:0015293;  
GO:0006814

GO:0005576; GO:0030246

GO:0005576; GO:0002376; GO:0005886; GO:0016667; GO:0016671; GO:0016491; GO:1900426



**UniProt name**

Putative uncharacterized protein YLR154W-B

Gustatory and odorant receptor 63a

Striatin-3

Calumenin-B

Probable chitinase 10

Solute carrier organic anion transporter family member 74D

Solute carrier family 46 member 3

Probable chitinase 10

Gustatory and odorant receptor 24

Protein masquerade

Flightin

Major facilitator superfamily domain-containing protein 6-A

Trypsin
Nucleoside diphosphate kinase homolog 5
Slowpoke-binding protein
Kielin/chordin-like protein
Sodium-dependent serotonin transporter
Fatty acyl-CoA reductase wat
Bestrophin-3

Excitatory amino acid transporter 3

Homeobox protein homothorax

Calcium-activated chloride channel regulator 3A-1

Sodium-independent sulfate anion transporter

Apoptosis-stimulating of p53 protein 1

Retrovirus-related Pol polyprotein from transposon 17.6

Retrovirus-related Pol polyprotein from transposon 17.6



Serine protease inhibitor 88Ea

Retrovirus-related Pol polyprotein from transposon 17.6

Testicular acid phosphatase

Basement membrane-specific heparan sulfate proteoglycan core protein

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

UNC93-like protein

[Redacted]

Facilitated trehalose transporter Tret1

[Redacted]

[Redacted]

[Redacted]

Endocuticle structural glycoprotein ABD-4

[Redacted]

[Redacted]

Bursicon

[Redacted]

[Redacted]

[Redacted]

Facilitated trehalose transporter Tret1

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Transcription initiation factor TFIID subunit 11

Putative gustatory receptor 28b

Sodium channel protein 60E

Sodium/potassium-transporting ATPase subunit alpha  
Protein GVQW3

Sodium-independent sulfate anion transporter



Activity-regulated cytoskeleton-associated protein

Somatostatin receptor type 2

Facilitated trehalose transporter Tret1



Hemolymph lipopolysaccharide-binding protein

Genome polyprotein

Retrovirus-related Pol polyprotein from transposon 412

Tigger transposable element-derived protein 4

Phenoloxidase-activating factor 3

Circadian clock-controlled protein

Uncharacterized MFS-type transporter C09D4.1

Peroxiredoxin-6

Probable RNA-directed DNA polymerase from transposon BS

Liver carboxylesterase

Synaptic vesicle glycoprotein 2B

Multidrug resistance protein 1

unknown

Heparanase

Zinc finger C2HC domain-containing protein 1C

Facilitated trehalose transporter Tret1

Myosin-VIIa

ATP-binding cassette sub-family G member 8

Neuropeptides capa receptor

Fibrillin-2

Acyl-CoA synthetase family member 2, mitochondrial

Zinc finger BED domain-containing protein 4

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Ecdysone 20-monooxygenase

[Redacted]

CD109 antigen

[Redacted]

Sodium-coupled monocarboxylate transporter 1

[Redacted]

Hemolymph lipopolysaccharide-binding protein

[Redacted]

GILT-like protein 1

[Redacted]