

Column1	Column2	Column3	Column4
Sequence ID	Annotation	TPM Ratio (Ablated/Intact)	Intact Rank
TRINITY_DN0_c213_g1	Energy Metabolism	0.50408243	1
TRINITY_DN0_c311_g1	other	2.020327874	2
TRINITY_DN2_c261_g1	Energy Metabolism	0.45746445	3
TRINITY_DN0_c265_g1	Energy Metabolism	3.693976373	4
TRINITY_DN0_c265_g2	Other	3.433999018	5
TRINITY_DN2143_c0_g1	Energy Metabolism	0.013908532	6
TRINITY_DN393_c0_g2	Energy Metabolism	0.333181681	7
TRINITY_DN21_c62_g1	Energy Metabolism	0.616794302	8
TRINITY_DN33070_c16_g1	Other	0.088063844	9
TRINITY_DN169_c0_g1	Other	0.721422069	10
TRINITY_DN8203_c1_g1	Other	0.330216657	11
TRINITY_DN21_c63_g1	Energy Metabolism	0.853627447	12
TRINITY_DN1_c141_g1	Other	3.64444836	13
TRINITY_DN3_c0_g1	Other	3.620475684	14
TRINITY_DN45872_c9_g1	Protein Synthesis	0.840263812	15
TRINITY_DN13974_c2_g1	Other	0.33917026	16
TRINITY_DN45849_c24_g1	Other	1.147334611	17
TRINITY_DN79_c0_g1	Other	0.831305131	18
TRINITY_DN33093_c9_g1	Protein Synthesis	0.988426602	19
TRINITY_DN13139_c0_g1	Other	3.835767861	20
TRINITY_DN33203_c5_g1	Protein Synthesis	0.825917962	21
TRINITY_DN5_c0_g1	Protein Synthesis	0.864858123	22
TRINITY_DN4123_c0_g1	Protein Synthesis	0.896528754	23
TRINITY_DN65114_c3_g1	Protein Synthesis	0.80893143	24
TRINITY_DN58773_c11_g1	Protein Synthesis	0.880145487	25
TRINITY_DN45865_c17_g1	Protein Synthesis	1.053171622	26
TRINITY_DN52551_c10_g1	Protein Synthesis	0.960797385	27
TRINITY_DN13944_c0_g1	Other	0.777400919	28
TRINITY_DN11_c0_g1	Protein Synthesis	0.850508533	29
TRINITY_DN91_c2_g1	Other	0.804608815	30
TRINITY_DN45835_c6_g1	Energy Metabolism	0.678371086	31
TRINITY_DN16_c0_g1	Protein Synthesis	0.865092305	32
TRINITY_DN4_c4_g1	Protein Synthesis	0.793601989	33
TRINITY_DN52666_c5_g1	Protein Synthesis	0.844446782	34
TRINITY_DN33195_c3_g1	Protein Synthesis	0.81682844	35
TRINITY_DN91_c6_g1	Other	0.588167154	36
TRINITY_DN33080_c8_g1	Protein Synthesis	0.86750024	37
TRINITY_DN45824_c0_g1	transl	0.981699123	38
TRINITY_DN36_c0_g1	Protein Synthesis	0.943182372	39
TRINITY_DN2172_c0_g1	Protein Synthesis	0.926165497	40
TRINITY_DN52575_c7_g1	Protein Synthesis	0.997702519	41
TRINITY_DN64893_c3_g1	Protein Synthesis	0.793364697	42
TRINITY_DN2659_c0_g1	Protein Synthesis	0.942992133	43

TRINITY_DN33066_c5_g1	Protein Synthesis	0.951493913	44
TRINITY_DN58862_c2_g1	Protein Synthesis	0.930953953	45
TRINITY_DN1882_c0_g1	Other	0.822984052	46
TRINITY_DN3058_c23_g1	Other	0.873713665	47
TRINITY_DN734_c0_g1	Protein Synthesis	0.99877027	48
TRINITY_DN6_c4_g1	Protein Synthesis	1.23165641	49
TRINITY_DN33277_c2_g1	Protein Synthesis	0.808533597	50
TRINITY_DN19_c44_g1	transl	1.116332083	51
TRINITY_DN1316_c1_g1	Protein Synthesis	0.904181007	52
TRINITY_DN564_c10_g1	Other	1.067396146	53
TRINITY_DN33305_c3_g1	Protein Synthesis	0.966196986	54
TRINITY_DN14_c19_g1	Other	3.34455314	55
TRINITY_DN45968_c7_g1	Protein Synthesis	0.929102544	56
TRINITY_DN783_c3_g1	Protein Synthesis	1.005828375	57
TRINITY_DN270_c1_g1	Protein Synthesis	0.954014311	58
TRINITY_DN1135_c2_g1	Protein Synthesis	0.927496204	59
TRINITY_DN1567_c9_g1	Protein Synthesis	1.052109539	60
TRINITY_DN52660_c3_g1	Protein Synthesis	0.911526238	61
TRINITY_DN45851_c4_g1	Protein Synthesis	0.925067905	62
TRINITY_DN65025_c4_g1	Protein Synthesis	0.806477909	63
TRINITY_DN29_c0_g1	Protein Synthesis	1.019342805	64
TRINITY_DN20_c0_g2	Other	0.760160229	65
TRINITY_DN303_c0_g1	Protein Synthesis	0.984099277	66
TRINITY_DN39656_c2_g1	Protein Synthesis	0.963717899	67
TRINITY_DN288_c0_g1	Other	1.270131867	68
TRINITY_DN443_c1_g1	Protein Synthesis	0.881906853	69
TRINITY_DN743_c0_g1	Protein Synthesis	1.083049966	70
TRINITY_DN58615_c10_g1	Other	1.173069289	71
TRINITY_DN45895_c5_g1	Protein Synthesis	1.011666495	72
TRINITY_DN65249_c3_g1	Protein Synthesis	0.855904356	73
TRINITY_DN39601_c6_g1	Protein Synthesis	0.985247911	74
TRINITY_DN5847_c4_g1	Energy Metabolism	0.457318625	75
TRINITY_DN215_c0_g1	Other	1.329764188	76
TRINITY_DN39982_c3_g1	Protein Synthesis	0.935034849	77
TRINITY_DN1427_c0_g1	Other	0.800193248	78
TRINITY_DN1459_c3_g1	Protein Synthesis	0.884279621	79
TRINITY_DN960_c0_g1	Protein Synthesis	0.880759401	80
TRINITY_DN104_c0_g1	Protein Synthesis	0.988561994	81
TRINITY_DN33088_c9_g2	Protein Synthesis	0.993607773	82
TRINITY_DN45919_c3_g1	Protein Synthesis	0.844253373	83
TRINITY_DN576_c0_g1	Protein Synthesis	0.897177492	84
TRINITY_DN3875_c0_g1	Protein Synthesis	0.991233332	85
TRINITY_DN64868_c2_g1	Protein Synthesis	0.669729018	86
TRINITY_DN10_c0_g1	Protein Synthesis	1.028979775	87
TRINITY_DN52628_c2_g1	Protein Synthesis	1.080139886	88
TRINITY_DN52586_c2_g1	Protein Synthesis	0.860113407	89
TRINITY_DN397_c0_g1	Other	2.016838115	90

TRINITY_DN39520_c0_g1	Protein Synthesis	0.935273832	91
TRINITY_DN8_c3_g1	Other	4.413337382	92
TRINITY_DN39657_c6_g1	Other	1.382960182	93
TRINITY_DN52560_c0_g1	Protein Synthesis	0.92823866	94
TRINITY_DN52588_c2_g1	Protein Synthesis	0.937776597	95
TRINITY_DN2111_c0_g1	Protein Synthesis	0.921019718	96
TRINITY_DN45853_c4_g1	Other	0.912841784	97
TRINITY_DN27_c0_g1	Other	1.558229899	98
TRINITY_DN18_c1_g1	Protein Synthesis	0.7099888	99
TRINITY_DN28_c0_g1	Protein Synthesis	0.851616499	100
TRINITY_DN7897_c1_g1	Other	3.819281391	107
TRINITY_DN58643_c46_g1	Protein Synthesis	1.547278946	110
TRINITY_DN60_c0_g1	Other	1.690405805	129
TRINITY_DN7_c3_g1	Other	1.712935052	134
TRINITY_DN20699_c0_g1	Other	3.816405408	163
TRINITY_DN18853_c0_g1	Other	3.384902866	170
TRINITY_DN287_c0_g1	Other	2.103808495	171
TRINITY_DN12_c1_g1	Other	4.476001918	172
TRINITY_DN57_c1_g1	Other	4.203460453	180
TRINITY_DN195_c0_g2	Other	5.131664456	256
TRINITY_DN1288_c0_g1	Other	7.519163293	332

Column5	Column6
Ablated Rank	Sequence

2 TTTAGTTAACATGAAGCTACAGCTTTATAGGGTCTTATCGTCCCCTTGAATGATTTAAGCCTTTT  
 1 CAGTGAGTGTGCGCATAGAAACACACACAGCAGAGGGTGTGAGAGTGGCAAGGCACTGTGC  
 5 TTCAACAAATAAAAACTTTA  
 3 AGCAGCCTTTTTTCGAGACAAGACGCCGTTGTCAGGAAAACCCAACACGTTGACGGTTGAAT/  
 4 AGACGTGTGCTCTCCGATCCGTGGCTGTTGGCGACACCTTGTTACTGTTCCACACAATACAAG  
 386 CTACGTCATAGACAGCTCTTCTTTGTCCATCCCTTCATACGAGTTCCTAATTTAGAAAATAATG/  
 32 TTTAAGACTAATTTCTTTAGGGTTAACAGCGTATTTTTTTTTTTGAGAGTTCATATCGAAAAAAA  
 14 CCTCCAGCTTCAATTGAGTGGGCTCATTTTTACCCCTTCAGATCATTCTATATAGAAATCC  
 170 CCCCCTTTCAAGCAGAAGACGGCATAACGAGATCGCGGTTGTTGACTGGAGTTCAGACGTGTG  
 13 TTTTTTTTTTTTTTAGGTGGTGGTCCCTTCTTTCTTTGTTTTTTTTTTTTTTTTTTGTTTTTTTTT  
 55 ACTGATATTTGATTGATATTTATTTGATCCTTTAGATAAAGATTTATACTATGTTACTTTAGGC  
 11 CATTTTTCCATACACGTCGTTCTTACTATATCACTAATATTTATAATTTATAATTTAATTAAT  
 6 TGGGAGTGAAACATGGATGATGCTTAACAGACACAACTTGAGTCTATAAGTGTAGAAAGGAC  
 7 TTACCTTACCTCTACCTTACCTGGTCGCTTGCATCCTTATTTTTTTGCATTTTCTACCTCGGC  
 16 TTTTTTTTTTTTTTGATCAGCCACCTTATTCATCTTAGTCTTCAGATTTGTGGTCTGGTATAT  
 94 TCTTACTATTTTATCTTTCCTTTTCTCAAGAGATAGAAACCGACCTGGCACACGCCGGTCTGAA  
 15 ATCCTTCGCTATTTTACCTCTTCTTTGGTTAATTCCAAGTACCTATACTTCTTTGGGAAAAGCT  
 19 GGCTAAAATCCAGGACAAGGAAGGCATCCACCCGACCAACAGAGGCTGATCTTCGCTGGTAA  
 17 CCCACAATGCCTTGCAGCGGCCACCAAGCTCCTCTACTGTGGTGGCCGGGACATAGGTCTCCAC  
 8 CTTTACCTTACCTCTACCTTAACTGGTCGCTTTCATCCTTATTTTTTTTTCATTTTATAACTCG  
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 21 TTTTTTTTTTTTTTGAAGATGATTTTTTTTTTTTACTTTTAGAGTGACACATTAGAAGTGGATC/  
 22 AGGAGGGCCAGCGGAGCCTCTACCTTCTCACTCTCCCTTCCACCAGCCTGCTTCTCCCGCTC  
 28 TTCCTTGATTTCTTTTCTTCCACAGCAGCATCTCGAAAGCCAGGTGACTGCTGCCACCAACA  
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 20 TTGCAGCCTATAC  
 37 TTTTTTTTTTTAATTCTAAAAGGGTAAATATTTAGTTTTAAAAAATAATTAGGTTTTATAAAGA/  
 30 TCTGACATTCTGTCTAACCACCTCTTTTTGCTTTTTTAAATTTTTTATTTATTTACCGGGCTGCGC  
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 53 AACCTTTTAGACTAACCTTTAATTTAAAAATAAACTACCCAACCCCATAAATATTTAAACAGG  
 29 CCGGTCTTCCATTGAGGCGGTCCAGGAGTTGGTGGTGTGGTGACCGCAAACATGCAGATCTT  
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 34 TCCAGTTTCTTTATAATAATGCAATGTGATCCAATTGTAATTGTAATGTGGGGGGGGAAATGT  
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 43 CTGGTCTTCTTATTGTCTTTTTCCACGATCGGCCGCTAACATGTCCACACACAGGAAGAAGACC/  
 36 ACCACCCTTCCCCACCCCTTCCCTTCTGTGTTATAATTAACCTTTTTTTTTTTTTTTTTTTT  
 66 TTTTTTTTTTTTTTCTTGAGCTGAGAGGACAGCGCAAACATGCCTTTCACGCTGATTTACTA/  
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85 CCCCCACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCATTACCGCCACAATTTCCCTACCCGA  
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3AATATTAGTACTATTTATTTATATGGCCTCTCTTGCTTCTAATGAAATATTCACAGCTTCTCTTGTAACCTTCTTTATI

TCCATAACACAAAGTAGAATGTTAAAGCCTCCACGTTGAAAGGTGGCACGAGTTACATCGAAATGGCAAATGCA





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