

S6 Table.

KEGG Pathway	No. of genes	Down	Up	Gene Set	z-score (Down)	z-score (Up)
Ribosome	17	17	0	71	2.18	-0.5
Purine metabolism	16	16	0	49	3.54	-0.41
Aminoacyl-tRNA biosynthesis	12	10	2	86	-0.99	3.59
Ascorbate and aldarate metabolism	5	5	0	9	3.4	-0.17