Index 21 total dist 17.76
substrate external
ATP
Num cells
substrate internal
enzyme metabolic
enzyme transporter
housekeeping prot
ribo-bound mrna metabolic
ribo-bound mrna transporter
ribo-bound mrna housekeeping
ribo mrna
mrna metabolic
mrna transporter
ribo-bound mrna ribo
housekeeping mrna
free ribosomes
Index 17 total dist 16.36
substrate external
ATP
Num cells
substrate internal
enzyme transporter
enzyme metabolic
housekeeping prot
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
ribo-bound mrna ribo
free ribosomes
mrna metabolic
mrna transporter
ribo mrna
housekeeping mrna
Index 19 total dist 10.27
ATP
substrate external
Num cells
substrate internal
enzyme transporter
enzyme metabolic
housekeeping prot
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
ribo-bound mrna ribo
free ribosomes
mrna metabolic
mrna transporter
ribo mrna
housekeeping mrna
Index 29 total dist 10.27
ATP
substrate external
Num cells
substrate internal
enzyme metabolic
enzyme transporter
housekeeping prot
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
ribo-bound mrna ribo
free ribosomes
mrna transporter
mrna metabolic
ribo mrna
housekeeping mrna
Index 5 total dist 9.97
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
free ribosomes
ribo-bound mrna ribo
mrna transporter
mrna metabolic
ribo mrna
housekeeping mrna
Index 22 total dist 9.97
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
free ribosomes
ribo-bound mrna ribo
mrna transporter
mrna metabolic
ribo mrna
housekeeping mrna
Index 25 total dist 9.97
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
free ribosomes
ribo-bound mrna ribo
mrna transporter
mrna metabolic
ribo mrna
housekeeping mrna
Index 7 total dist 9.6
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
free ribosomes
ribo-bound mrna housekeeping
ribo-bound mrna ribo
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 24 total dist 9.6
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
free ribosomes
ribo-bound mrna housekeeping
ribo-bound mrna ribo
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 27 total dist 9.6
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna transporter
ribo-bound mrna metabolic
free ribosomes
ribo-bound mrna housekeeping
ribo-bound mrna ribo
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 1 total dist 9.54
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
ribo-bound mrna ribo
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 18 total dist 9.54
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
free ribosomes
ribo-bound mrna metabolic
ribo-bound mrna transporter
ribo-bound mrna housekeeping
ribo-bound mrna ribo
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 23 total dist 9.51
ATP
substrate external
Num cells
substrate internal
enzyme metabolic
enzyme transporter
housekeeping prot
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
free ribosomes
ribo mrna
mrna transporter
mrna metabolic
ribo-bound mrna ribo
housekeeping mrna
Index 3 total dist 9.42
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
Num cells
substrate internal
substrate external
ribo-bound mrna housekeeping
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 13 total dist 9.42
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
Num cells
substrate internal
substrate external
ribo-bound mrna ribo
ribo-bound mrna housekeeping
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 20 total dist 9.42
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
Num cells
substrate internal
substrate external
ribo-bound mrna ribo
ribo-bound mrna housekeeping
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 30 total dist 9.42
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
Num cells
substrate internal
substrate external
ribo-bound mrna ribo
ribo-bound mrna housekeeping
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 15 total dist 9.23
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna ribo
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 32 total dist 9.23
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna ribo
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 31 total dist 9.21
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
substrate external
Num cells
substrate internal
ribo-bound mrna metabolic
ribo-bound mrna transporter
ribo-bound mrna housekeeping
free ribosomes
ribo-bound mrna ribo
ribo mrna
mrna metabolic
mrna transporter
housekeeping mrna
Index 6 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 8 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 9 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 11 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 26 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 28 total dist 8.73
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 2 total dist 8.39
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 4 total dist 8.39
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 14 total dist 8.39
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 16 total dist 8.39
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna transporter
mrna metabolic
Index 10 total dist 7.48
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Index 12 total dist 7.48
ATP
enzyme metabolic
enzyme transporter
housekeeping prot
free ribosomes
ribo-bound mrna ribo
ribo-bound mrna transporter
ribo-bound mrna metabolic
ribo-bound mrna housekeeping
substrate internal
Num cells
substrate external
ribo mrna
housekeeping mrna
mrna metabolic
mrna transporter
Original - AA log10 distance