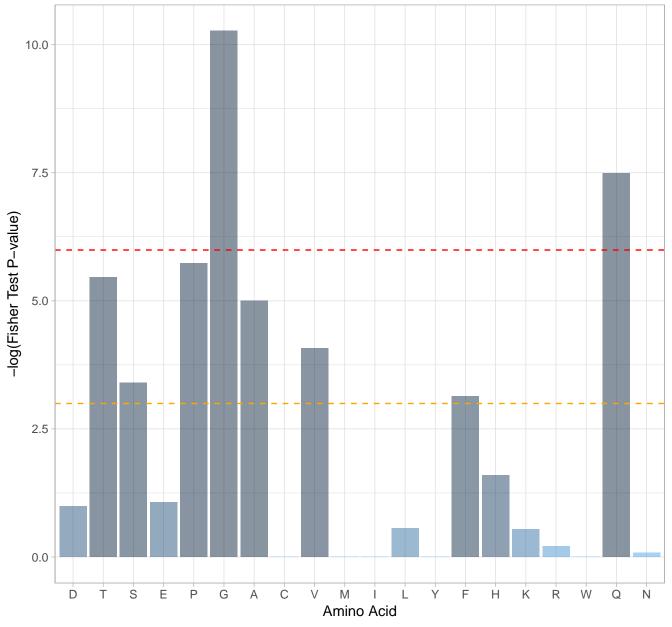
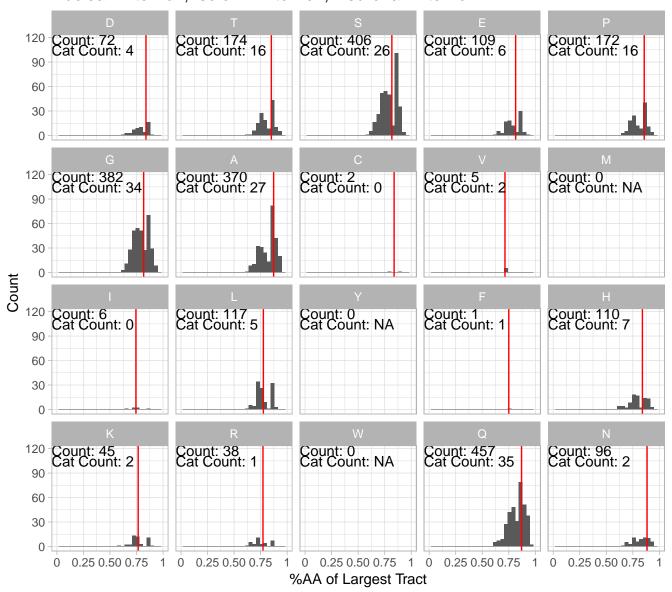
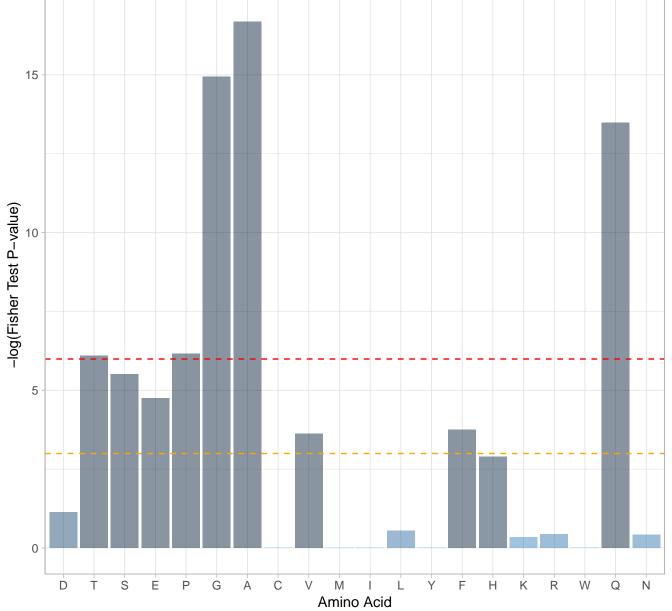
Association between polyAA tract proteins and Synapse proteins Nuclear Filter: on, Isoform Filter: on, Neuronal Filter: on



Histograms of %AA of polyAA tracts (fly)
# of prots in neuronal transcriptome: 12577
# of prots in category (Synapse): 1015
Nuclear Filter: on, Isoform Filter: on, Neuronal Filter: on



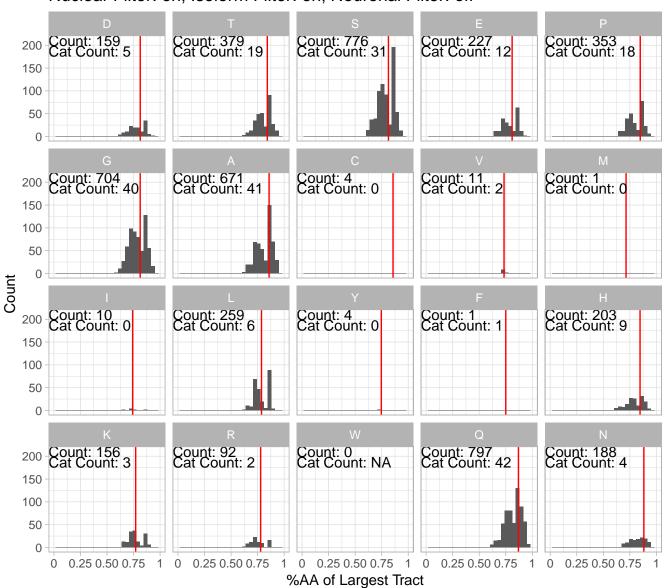
Association between polyAA tract proteins and Synapse proteins Nuclear Filter: on, Isoform Filter: on, Neuronal Filter: off



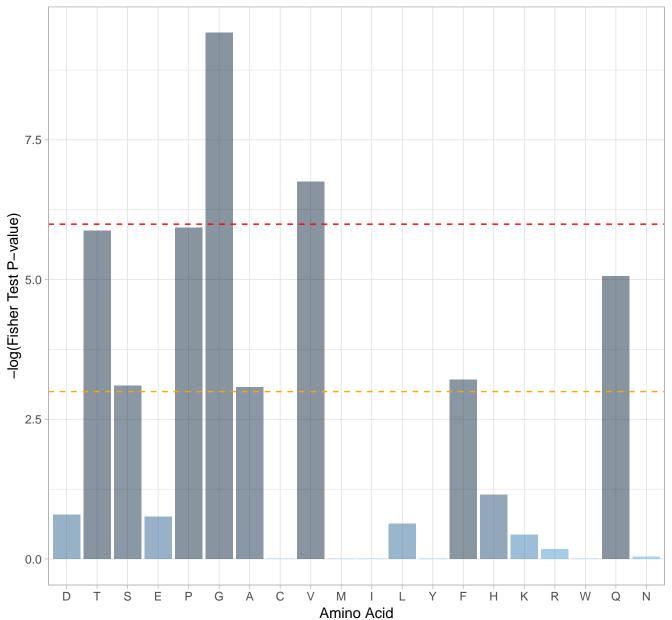
# of prots in genome: 30504

# of prots in category (Synapse): 1015

Nuclear Filter: on, Isoform Filter: on, Neuronal Filter: off



Association between polyAA tract proteins and Synapse proteins Nuclear Filter: off, Isoform Filter: on, Neuronal Filter: on

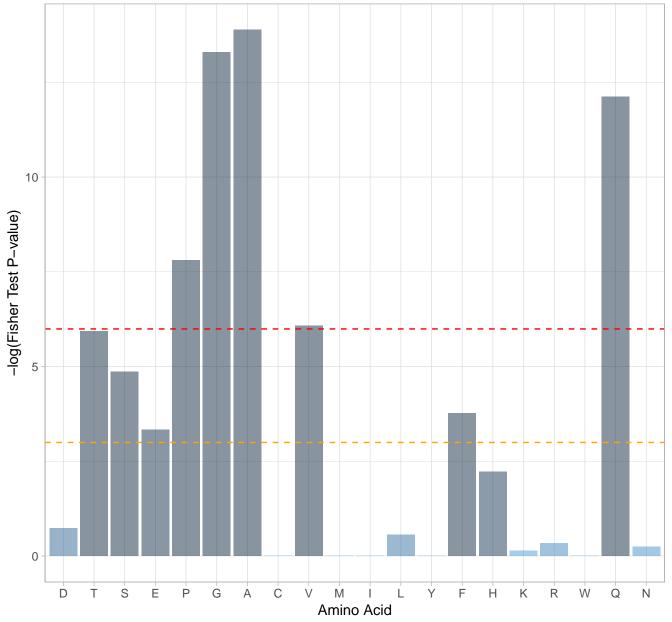


Histograms of %AA of polyAA tracts (fly)
# of prots in neuronal transcriptome: 12577
# of prots in category (Synapse): 1015
Nuclear Filter: off Isoform Filter: on Neuronal

Nuclear Filter: off, Isoform Filter: on, Neuronal Filter: on Count: 86 Cat Count: 4 Count: 489 Cat Count: 28 Count: 134 Cat Count: 6 Count: 195 Cat Count: 17 Count: 197 Cat Count: 17 100 50 0 Count: 445 Cat Count: 35 Count: 466 Cat Count: 27 Count: 2 Cat Count: 0 Count: 6 Cat Count: 3 Count: 0 Cat Count: NA 100 50 Count 150 Count: 6 Cat Count: 0 Count: 120 Cat Count: 5 Count: 0 Cat Count: NA Count: 1 Cat Count: 1 Count: 136 Cat Count: 7 100 50 0 Count: 54 Cat Count: 2 Count: 45 Cat Count: 1 Count: 0 Cat Count: NA Count: 562 Cat Count: 35 Count: 124 Cat Count: 2 100 50 0 0.25 0.50 0.75 0.25 0.50 0.75 0 1 0 0.25 0.50 0.75 1 0 0.25 0.50 0.75 1 0 0.25 0.50 0.75

%AA of Largest Tract

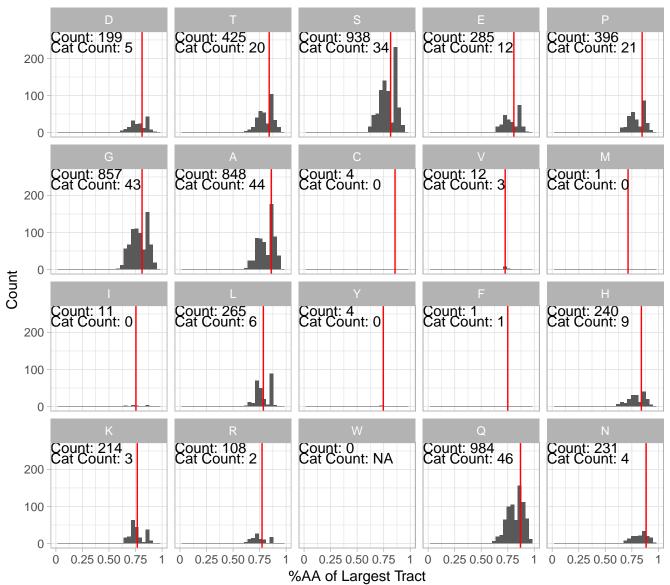
Association between polyAA tract proteins and Synapse proteins Nuclear Filter: off, Isoform Filter: on, Neuronal Filter: off



# of prots in genome: 30504

# of prots in category (Synapse): 1015

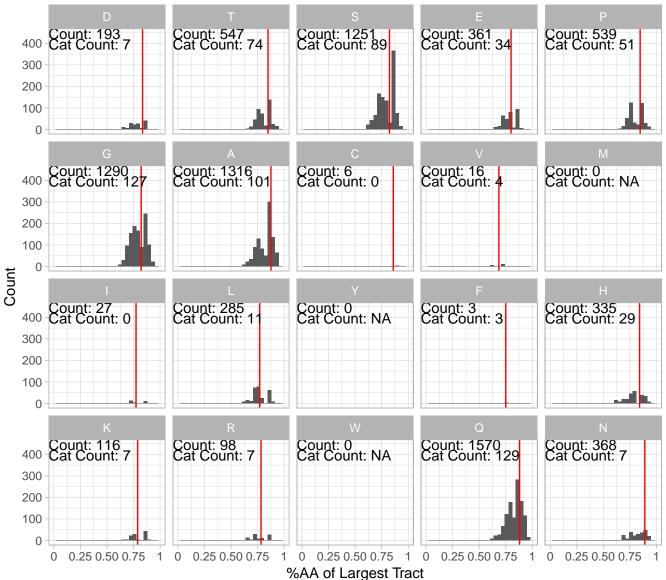
Nuclear Filter: off, Isoform Filter: on, Neuronal Filter: off



Association between polyAA tract proteins and Synapse proteins Nuclear Filter: on, Isoform Filter: off, Neuronal Filter: on 30 20 -log(Fisher Test P-value) 0 M S G Κ R W Ν Amino Acid

Histograms of %AA of polyAA tracts (fly) # of prots in neuronal transcriptome: 12577 # of prots in category (Synapse): 1015

Nuclear Filter: on, Isoform Filter: off, Neuronal Filter: on

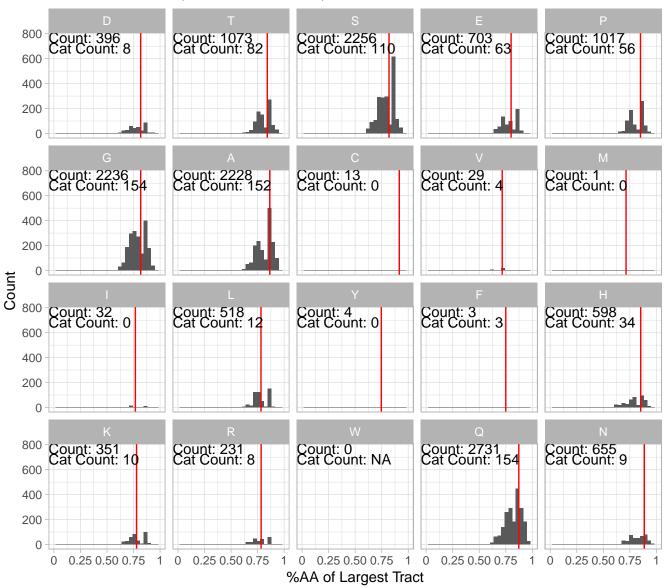


Association between polyAA tract proteins and Synapse proteins Nuclear Filter: on, Isoform Filter: off, Neuronal Filter: off 40 30 -log(Fisher Test P-value) 10 0 Ś Ε G M Κ R W Ν Amino Acid

# of prots in genome: 30504

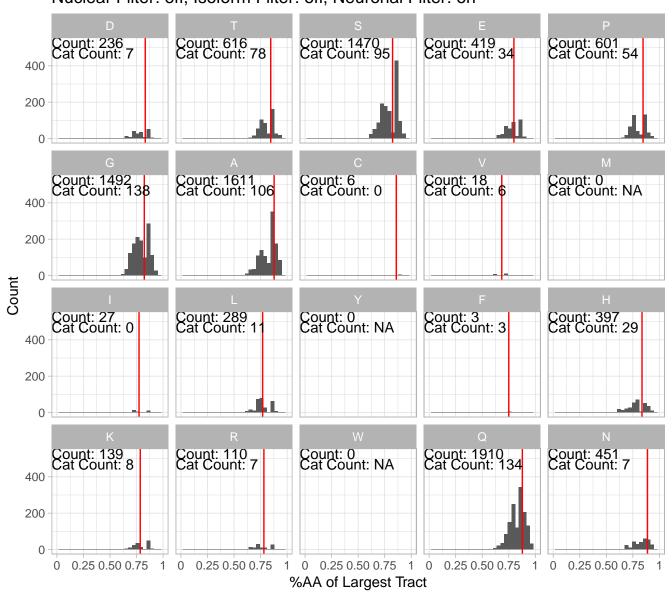
# of prots in category (Synapse): 1015

Nuclear Filter: on, Isoform Filter: off, Neuronal Filter: off

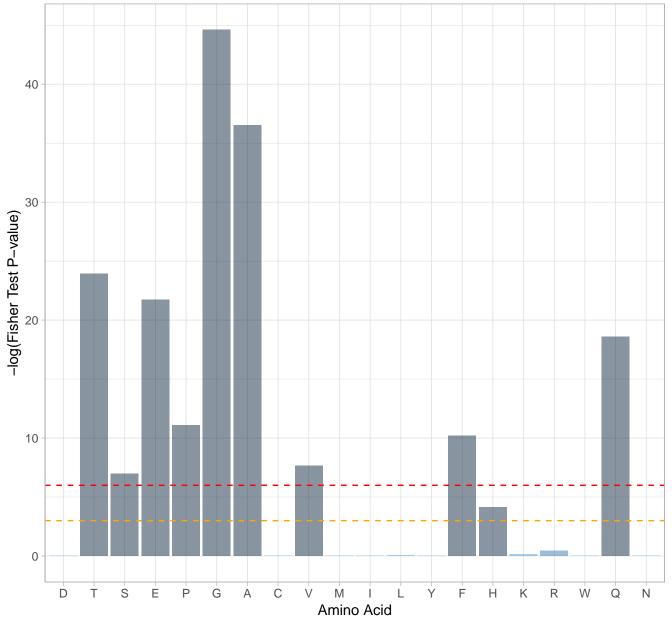


Association between polyAA tract proteins and Synapse proteins Nuclear Filter: off, Isoform Filter: off, Neuronal Filter: on 30 20 -log(Fisher Test P-value) 0 Ś Ġ M Ε Κ R W Ν Amino Acid

Histograms of %AA of polyAA tracts (fly)
# of prots in neuronal transcriptome: 12577
# of prots in category (Synapse): 1015
Nuclear Filter: off, Isoform Filter: off, Neuronal Filter: on



Association between polyAA tract proteins and Synapse proteins Nuclear Filter: off, Isoform Filter: off, Neuronal Filter: off



# of prots in genome: 30504

# of prots in category (Synapse): 1015

Nuclear Filter: off, Isoform Filter: off, Neuronal Filter: off

