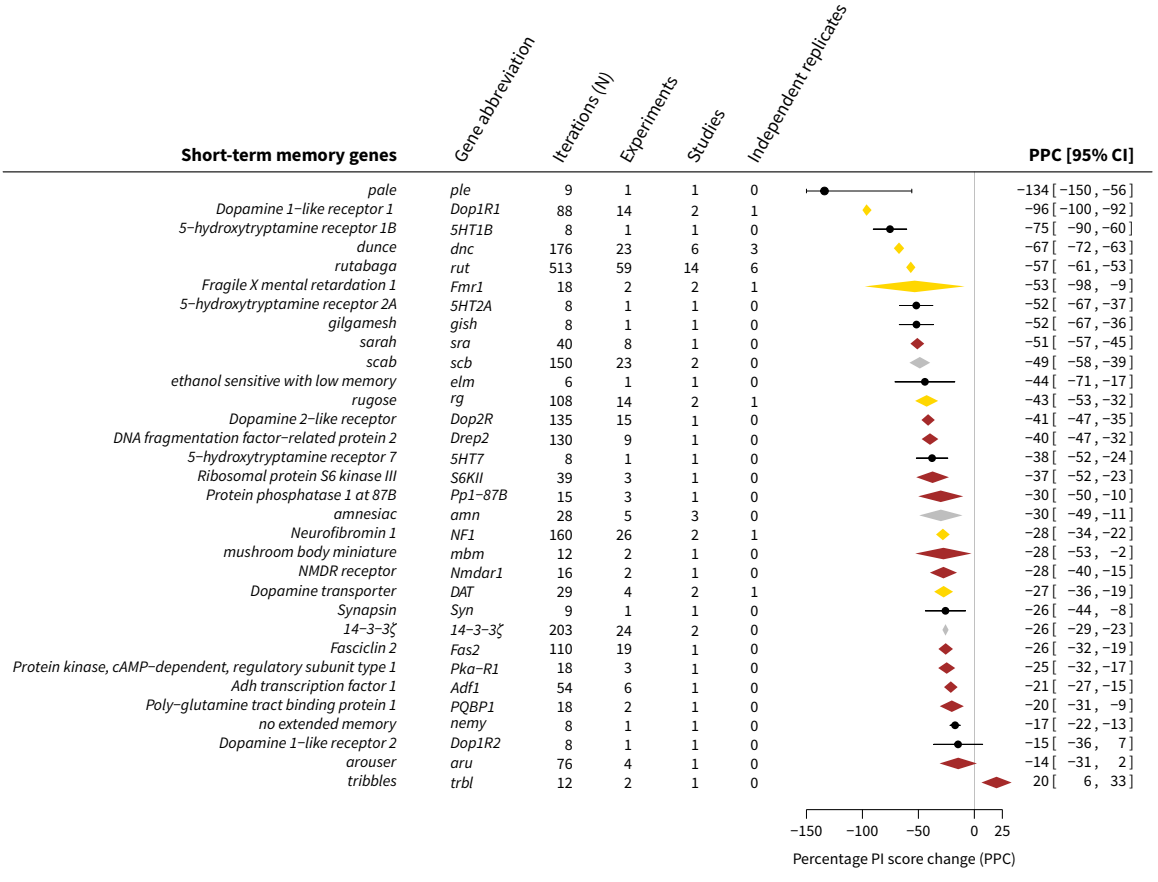
Short-term memory genes
Gene abbreviation
Iterations (N)
Experiments
Studies
Independent replicates
PPC [95% CI]
pale ple 9 1 1 0 −134 [−150, −56]
Dopamine 1−like receptor 1 Dop1R1 88 14 2 1 −96 [−100, −92]
5−hydroxytryptamine receptor 1B 5HT1B 8 1 1 0 −75 [−90, −60]
dunce dnc 176 23 6 3 −67 [−72, −63]
rutabaga rut 513 59 14 6 −57 [−61, −53]
Fragile X mental retardation 1 Fmr1 18 2 2 1 −53 [−98, −9]
5−hydroxytryptamine receptor 2A 5HT2A 8 1 1 0 −52 [−67, −37]
gilgamesh gish 8 1 1 0 −52 [−67, −36]
sarah sra 40 8 1 0 −51 [−57, −45]
scab scb 150 23 2 0 −49 [−58, −39]
ethanol sensitive with low memory elm 6 1 1 0 −44 [−71, −17]
rugose rg 108 14 2 1 −43 [−53, −32]
Dopamine 2−like receptor Dop2R 135 15 1 0 −41 [−47, −35]
DNA fragmentation factor−related protein 2 Drep2 130 9 1 0 −40 [−47, −32]
5−hydroxytryptamine receptor 7 5HT7 8 1 1 0 −38 [−52, −24]
Ribosomal protein S6 kinase III S6KII 39 3 1 0 −37 [−52, −23]
Protein phosphatase 1 at 87B Pp1−87B 15 3 1 0 −30 [−50, −10]
amnesiac amn 28 5 3 0 −30 [−49, −11]
Neurofibromin 1 NF1 160 26 2 1 −28 [−34, −22]
mushroom body miniature mbm 12 2 1 0 −28 [−53, −2]
NMDR receptor Nmdar1 16 2 1 0 −28 [−40, −15]
Dopamine transporter DAT 29 4 2 1 −27 [−36, −19]
Synapsin Syn 9 1 1 0 −26 [−44, −8]
14−3−3ζ 14−3−3ζ 203 24 2 0 −26 [−29, −23]
Fasciclin 2 Fas2 110 19 1 0 −26 [−32, −19]
Protein kinase, cAMP−dependent, regulatory subunit type 1 Pka−R1 18 3 1 0 −25 [−32, −17]
Adh transcription factor 1 Adf1 54 6 1 0 −21 [−27, −15]
Poly−glutamine tract binding protein 1 PQBP1 18 2 1 0 −20 [−31, −9]
no extended memory nemy 8 1 1 0 −17 [−22, −13]
Dopamine 1−like receptor 2 Dop1R2 8 1 1 0 −15 [−36, 7]
arouser aru 76 4 1 0 −14 [−31, 2]
tribbles trbl 12 2 1 0 20 [6, 33]
−150
−100
−50
0
25
Percentage PI score change (PPC)