

STRING analysis in cerebellum of Pink1^{-/-} mice for KEGG pathways >1.5-fold downregulated factors, confidence 0.9, p<0.05

Age 6 weeks

Term:	p-value	n
Estrogen signaling pathway	1,41E-04	5
MAPK signaling pathway	1,66E-02	5
Cocaine addiction	2,03E-02	3
Legionellosis	3,39E-02	3
Amphetamine addiction	4,36E-02	3

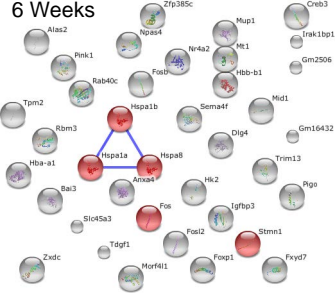
Age 6 months

Term:	p-value	n
MAPK signaling pathway	1,46E-03	13
Estrogen signaling pathway	2,98E-03	8
Dopaminergic synapse	3,08E-03	9
Cocaine addiction	4,29E-03	6
FoxO signaling pathway	5,41E-03	9
TNF signaling pathway	8,24E-03	8
Protein processing in endoplasmic reticulum	2,92E-02	9

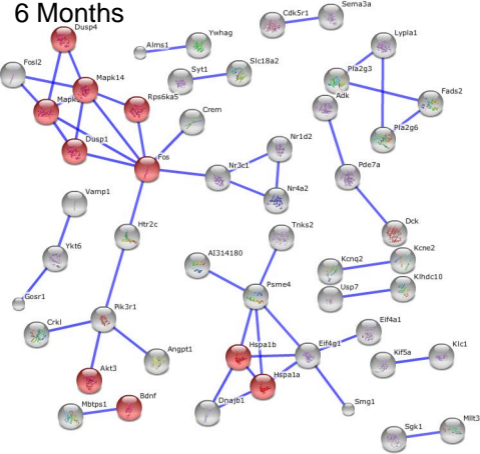
Age 18 months

Term:	p-value	n
MAPK signaling pathway	7,73E-06	36
SNARE interaction in vesicular transport	1,31E-04	11
Thyroid hormone signaling pathway	1,85E-04	21
Retrograde endocannabinoid signaling	1,30E-03	18
Ras signaling pathway	3,29E-03	28
Glycerophospholipid metabolism	3,94E-03	16
Proteoglycans in cancer	7,65E-03	27
Neurotrophin signaling pathway	9,14E-03	18
Rap1 signaling pathway	9,16E-03	26
Endocytosis	9,95E-03	26
Protein processing in endoplasmic reticulum	1,27E-02	22
Ubiquitin mediated proteolysis	1,96E-02	19
Dopaminergic synapse	2,01E-02	18
Circadian entrainment	2,34E-02	15
Renal cell carcinoma	2,69E-02	12
Platelet activation	3,38E-02	18
Phosphatidylinositol signaling system	4,89E-02	13

6 Weeks



6 Months



log2 C18M

log2 C6M

log2 C6W

