



Supplemental Material to:

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Neuronal CA²⁺ dyshomeostasis in Huntington disease

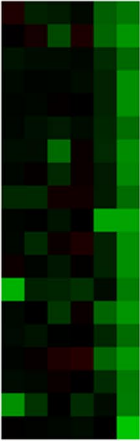
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O7-3NP vs Q7 (GSE3583)
 Q111 vs Q7 (GSE3583)
 YAC128-12m vs WT-12m (GSE18551)
 YAC128-24m vs WT-24m (GSE18551)
 HD vs N (GSE1751)
 P vs N (GSE1751)



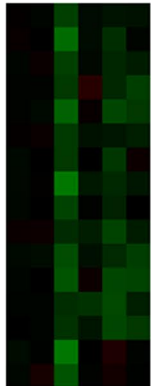
Tgfb1 | transforming growth factor, beta 1
 Xab2 | XPA binding protein 2
 Slc34a2 | solute carrier family 34 (sodium phosphate), member 2
 Cdk5r1 | cyclin-dependent kinase 5, regulatory subunit 1 (p35)
 Cdk5r1 | cyclin-dependent kinase 5, regulatory subunit 1 (p35)
 Gabrg3 | gamma-aminobutyric acid (GABA) A receptor, subunit gamma 3
 Kcnd2 | potassium voltage-gated channel, Shal-related family, member 2
 Grik2 | glutamate receptor, ionotropic, kainate 2 (beta 2)
 Slc25a12 | solute carrier family 25 (mitochondrial carrier, Aralar), member 12
 Dchs1 | dachsous 1 (Drosophila)
 Cdk5r1 | cyclin-dependent kinase 5, regulatory subunit 1 (p35)
 Cdk5r1 | cyclin-dependent kinase 5, regulatory subunit 1 (p35)
 D0H4S114 | DNA segment, human D4S114
 Xab2 | XPA binding protein 2
 Gabrg3 | gamma-aminobutyric acid (GABA) A receptor, subunit gamma 3
 Xab2 | XPA binding protein 2
 Casr | calcium-sensing receptor
 D0H4S114 | DNA segment, human D4S114
 Gpr4 | G protein-coupled receptor 4

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Pdelc | phosphodiesterase 1C
 Pgm5 | phosphoglucomutase 5
 Pdelc | phosphodiesterase 1C
 Sdk2 | sidekick homolog 2 (chicken)
 Hrc | histidine rich calcium binding protein
 Chrna4 | cholinergic receptor, nicotinic, alpha polypeptide 4
 Fxyd1 | FXYD domain-containing ion transport regulator 1
 Trpm8 | transient receptor potential cation channel, subfamily M, member 8
 Drd3 | dopamine receptor D3
 Ttyh1 | tweety homolog 1 (Drosophila)
 Elane | elastase, neutrophil expressed
 Wnt1 | wntless-related MMTV integration site 1
 Best2 | bestrophin 2
 Pdelc | phosphodiesterase 1C
 Sdk2 | sidekick homolog 2 (chicken)
 Plch2 | phospholipase C, eta 2
 Grin1 | glutamate receptor, ionotropic, NMDA1 (zeta 1)
 Plch2 | phospholipase C, eta 2
 Pdelc | phosphodiesterase 1C
 Cacnalf | calcium channel, voltage-dependent, alpha 1F subunit
 Sh2b2 | SH2B adaptor protein 2
 Pax4 | paired box gene 4
 Olfr78 | olfactory receptor 78
 Gpr17 | G protein-coupled receptor 17
 Kcnb1 /// Pacsin2 | potassium voltage gated channel, Shab-related subfamily, member 1
 Cdhr1 | cadherin-related family member 1
 Olfr78 | olfactory receptor 78
 Olfr78 | olfactory receptor 78
 Cgref1 | cell growth regulator with EF hand domain 1
 Myh4 | myosin, heavy polypeptide 4, skeletal muscle
 Pmch | pro-melanin-concentrating hormone
 Cherp | calcium homeostasis endoplasmic reticulum protein
 Olfr78 | olfactory receptor 78
 Sstr5 | somatostatin receptor 5
 Cxcr3 | chemokine (C-X-C motif) receptor 3
 Rem1 | rad and gem related GTP binding protein 1
 Rcvrn | recoverin
 Cgref1 | cell growth regulator with EF hand domain 1
 Cyp27b1 | cytochrome P450, family 27, subfamily b, polypeptide 1
 Scn9a | sodium channel, voltage-gated, type IX, alpha
 Scn9a | sodium channel, voltage-gated, type IX, alpha
 Scn9a | sodium channel, voltage-gated, type IX, alpha
 Rem1 | rad and gem related GTP binding protein 1
 Scgn | secretagogin, EF-hand calcium binding protein
 Pou6f1 | POU domain, class 6, transcription factor 1
 Scn9a | sodium channel, voltage-gated, type IX, alpha
 Camk1 | calcium/calmodulin-dependent protein kinase I
 Pou6f1 | POU domain, class 6, transcription factor 1
 Scn9a | sodium channel, voltage-gated, type IX, alpha
 Ldlr | low density lipoprotein receptor
 Plcg1 | phospholipase C, gamma 1
 Cav3 | caveolin 3
 Ryr2 | ryanodine receptor 2, cardiac
 Edil3 | EGF-like repeats and discoidin I-like domains 3
 Gabrg3 | gamma-aminobutyric acid (GABA) A receptor, subunit gamma 3

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Camk1d		Calcium/calmodulin-dependent protein kinase ID
Magi2		membrane associated guanylate kinase, WW and PDZ domain containing 2
Gnao1		guanine nucleotide binding protein, alpha 0
Actl6b		actin-like 6B
Pdelc		phosphodiesterase 1C
Cbaral		calcium binding atopy-related autoantigen 1
Ccl19		chemokine (C-C motif) ligand 19
Nup214		nucleoporin 214
Cacna1b		calcium channel, voltage-dependent, N type, alpha 1B subunit
Ehd1		EH-domain containing 1
Kcnh1		potassium voltage-gated channel, subfamily H (eag-related), member 1
Dgkb		diacylglycerol kinase, beta
Ttyh1		tweety homolog 1 (Drosophila)
Pdelc		phosphodiesterase 1C
Nell2		NEL-like 2 (chicken)
Rhoa		Ras homolog gene family, member A