

SUPPLEMENTARY TABLE 4:

Proteins common between McFarland et al. and Parra et al. (enriched in phosphorylated/phospho-mimic a-syn, compared to phospho-null)

Gene name	Accession	Description
Hspa5	P20029	Endoplasmic reticulum chaperone BiP
Gnb2	P62880	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2
Ank2	Q8C8R3	Ankyrin-2 OS=Mus musculus
Slc1a3	P56564	Excitatory amino acid transporter 1
Camk2b	P28652	Calcium/calmodulin-dependent protein kinase type II subunit beta
Atp6v0a1	Q9Z1G4	V-type proton ATPase 116 kDa subunit a isoform 1
Immt	Q8CAQ8	MICOS complex subunit Mic60
Glul	P15105	Glutamine synthetase
Ina	P46660	Alpha-internexin
Vdac1	Q60932	Voltage-dependent anion-selective channel protein 1
Epb41l3	Q9WV92	Band 4.1-like protein 3
Atp6v1a	P50516	V-type proton ATPase catalytic subunit A
Ywhag	P61982	14-3-3 protein gamma
Nefl	P08551	Neurofilament light polypeptide
Cntn1	P12960	Contactin-1
Capza2	P47754	F-actin-capping protein subunit alpha-2
Vdac2	Q60930	Voltage-dependent anion-selective channel protein 2
Gnao1	P18872	Guanine nucleotide-binding protein G(o) subunit alpha
Atp6v1b2	P62814	V-type proton ATPase subunit B, brain isoform
Ywhae	P62259	14-3-3 protein epsilon
Vdac3	Q60931	Voltage-dependent anion-selective channel protein 3
Camk2a	P11798	Calcium/calmodulin-dependent protein kinase type II subunit alpha
Phb2	O35129	Prohibitin-2
Camk2d	Q6PHZ2	Calcium/calmodulin-dependent protein kinase type II subunit delta
Ywhaz	P63101	14-3-3 protein zeta/delta
Bcas1	Q80YN3	Breast carcinoma-amplified sequence 1 homolog
Slc1a2	P43006	Excitatory amino acid transporter 2
Tubb5	P99024	Tubulin beta-5 chain
Slc25a12	Q8BH59	Calcium-binding mitochondrial carrier protein Aralar1
Slc25a3	Q8VEM8	Phosphate carrier protein, mitochondrial
Slc25a22	Q9D6M3	Mitochondrial glutamate carrier 1
Hk1	P17710	Hexokinase-1
Tubb3	Q9ERD7	Tubulin beta-3 chain
Map1a	Q9QYR6	Microtubule-associated protein 1A
Stx1a	O35526	Syntaxin-1A
Tppp	Q7TQD2	Tubulin polymerization-promoting protein
Gnb1	P62874	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
Cltc	Q68FD5	Clathrin heavy chain 1
Ap2a1	P17426	AP-2 complex subunit alpha-1
Actb	P60710	Actin, cytoplasmic 1
Aldoa	P05064	Fructose-bisphosphate aldolase A
Myh10	Q61879	Myosin-10
Ap2b1	Q9DBG3	AP-2 complex subunit beta
Ap1b1	O35643	AP-1 complex subunit beta-1