Supplementary Materials

Comparative analysis of primate and pig cells reveals primate-specific PINK1 expression and phosphorylation

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Supplementary Table S1 Primers used in this study

Primer	Sequence (5' –3')
Pig *PINK1* Ex1–2 forward	TCCGCCTGTCATGAGATCCAGGCCAT
Pig *PINK1* Ex1–2 reverse	GGCATGGTGGCCTCATACACAGCAGCG
Pig *PINK1* Ex3–4 forward	AGTACCTTCGCGGGAACAC
Pig *PINK1* Ex3–4 reverse	GCTCCACAAGGATGTTGTCA
Pig *ACTB* forward	GAAGATCAAGATCATCGCGCCTC
Pig *ACTB* reverse	CTGCTTGCTGATCCACATCTGCTG
Pig/Monkey *PINK1* Ex2–3 forward	TTGGCCATCAAGATGATGTG
Pig/Monkey *PINK1* Ex2–3 reverse	GATGATGTTGGGGTGAGG
Pig/Monkey *ACTB* Ex3–4 forward	GAGCACGGCATCGTCACCAA
Pig/Monkey *ACTB* Ex3–4 reverse	GCTGGGGTGTTGAAGGTCTC
Mouse/Monkey *PINK1* Ex1–2 forward	TCGGCCTGTCAGGAGATCCAGGCAAT
Mouse/Monkey *PINK1* Ex1–2 reverse	GGCATGGTGGCTTCATACACAGCGGCA
Mouse/Monkey *PINK1* Ex6–7 forward	CCATCGCCTATGAAATCTTTGGGCT
Mouse/Monkey *PINK1* Ex6–7 reverse	CTCTTGCTGGCCTCTCGCTGGAGC
Mouse/Monkey *ACTB* forward	GAAGATCAAGATCATTGCTCCTC
Mouse/Monkey *ACTB* reverse	CTGCTTGCTGATCCACATCTGCTG

Supplementary Table S2 siRNA used in this study

siRNA	Sequence (5' –3')
Pig *PINK1* siRNA-1 sense	GGACACUCUUCCUCGUCAUTT
Pig *PINK1* siRNA-1 antisense	AUGACGAGGAAGAGUGUCCTT
Pig *PINK1* siRNA-2 sense	GGUUGGUGAUCGCAGACUUTT
Pig *PINK1* siRNA-2 antisense	AAGUCUGCGAUCACCAACCTT
Monkey *PINK1* siRNA-1 sense	GCUGGAGGAGUAUCUGAUAGGTT
Monkey *PINK1* siRNA-1 antisense	CCUAUCAGAUACUCCUCCAGCTT
Monkey *PINK1* siRNA-2 sense	GCAAAUGUGCUUCAUCUAAGCTT
Monkey *PINK1* siRNA-2 antisense	GCUUAGAUGAAGCACAUUUGCTT