

Table S1. Sequences of oligonucleotide primers for qRT-PCR.

Gene Names	Sequence (5' → 3')	NCBI Reference Sequence	Amplicon size (bp)
GAPDH1	GTCGGAGTGAACGGATTTGGC	NM_001289745.3	150
	CTTGCCGTGGGTGGAATCAT		
GAPDH2	AGTATGATTCCACCCACGGC	NM_001256799.3	139
	TACGTAGCACCAGCATCACC		
Occludin	GACAGACTACACAACCTGGCGG	NM_001302926.2	662
	TGTACTCCTGCAGGCCACTG		
N-Cad	CTTCATGCTGGTGGTGTCTTGG	NM_000165.5	149
	CACAGTCTTTGGCAGGGCTCAG		
Claudin	CCATCGTCAGCACCCGCACTG	NM_001244539.1	107
	CGACACGCAGGACATCCACAG		
OPA1	ACAGAGGATGGTGCTTGTTGAC	XM_047448216.1	130
	CAGTATGATGGCGTTGGGATT		
Mfn1	AGAAAGCACAAAGCACAGGGGATG	XM_011512963.4	126
	CACTGCTGACTGCGAGATACTC		
Mfn2	GCCACACCACCAACTGCTTCC	XM_047436156.1	96
	TCTTGACGCTCCTCTTCTCCTCTG		
Dnm1l	TCTGAATCTGGTGGGCATGATTGC	XM_001928848.6	91
	CTCCGCAGTAAAGGACTCGAAGTG		
Fis1	CTACCCAAAGGGAGCAAAGAG	NM_016068.3	250
	GTCCAATGAGTCCAGCCAGTC		
MIEF1	CAGCCGACCACATCCAACCT	NM_001394030.1	271
	CGAATCACATAGTCCAAGAGGG		
MFF	GACCTCCTCCAACCCCTCAAAATG	XM_047445133.1	104
	GACTAGCTGTCCATTCTGGCGAAC		
Parkin	GTGGTTCTGCGGTGGATTCTGAG	NM_001044603.2	104
	TTACTGCCTGTGGTTCTTTGGGAAG		
PINK1	CAGGAGCGGTCCCAAGCA	NM_032409.3	246
	GTCATCACAGTGGCGAGGC		
LC3B	TGCCCTCAGACCGGCCTTTCAAGCA	XM_047440559.1	310
	TCCTTCTCCTGCTCATAGATGTCCG		
P62	CGATGGCGATGTCGTATGTG	XM_003123639.4	244
	TTGCTGTGCTCCTTGTGAATG		

		Dnm11	Fis1	Mief1	Mff	Mfn1	Mfn2	Opa1	PINK1	Parkin	LC3	P62	Occludin	N-cad	ZO-1	Claudin
Dnm11	Pearson correlation	1	.372	.528*	.685**	.440	.505*	.510*	.716**	.655**	.740**	.669**	-.635**	-.492	-.771**	.139
	Significant (Bilateral)		.156	.035	.003	.088	.046	.044	.002	.006	.001	.005	.008	.053	.000	.608
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Fis1	Pearson correlation	.372	1	.337	.318	.068	.250	.182	.740**	.437	.716**	.465	-.552*	-.438	-.438	.344
	Significant (Bilateral)	.156		.202	.229	.803	.350	.501	.001	.090	.002	.069	.027	.090	.089	.192
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mief1	Pearson correlation	.528*	.337	1	.322	.549*	.813*	.319	.658**	.764**	.815**	.819**	-.811**	-.797**	-.712**	-.143
	Significant (Bilateral)	.035	.202		.224	.028	.000	.228	.006	.001	.000	.000	.000	.000	.002	.598
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mff	Pearson correlation	.685**	.318	.322	1	.567*	.440	.199	.493	.389	.533*	.221	-.438	-.239	-.568*	.274
	Significant (Bilateral)	.003	.229	.224		.022	.088	.461	.053	.136	.034	.410	.090	.373	.022	.304
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mfn1	Pearson correlation	.440	.068	.549*	.567*	1	.520*	.067	.292	.408	.471	.225	-.417	-.471	-.533*	.095
	Significant (Bilateral)	.088	.803	.028	.022		.039	.806	.272	.117	.066	.402	.108	.065	.033	.727
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Mfn2	Pearson correlation	.505*	.250	.813**	.440	.520*	1	-.009	.648**	.481	.644**	.694**	-.717**	-.458	-.565*	-.099
	Significant (Bilateral)	.046	.350	.000	.088	.039		.974	.007	.059	.007	.003	.002	.075	.023	.716
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Opa1	Pearson correlation	.510*	.182	.319	.199	.067	-.009	1	.207	.628**	.487	.445	-.285	-.263	-.233	.015
	Significant (Bilateral)	.044	.501	.228	.461	.806	.974		.442	.009	.056	.084	.284	.326	.384	.955
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
PINK1	Pearson correlation	.716**	.740**	.658**	.493	.292	.648**	.207	1	.724**	.868**	.839**	-.770**	-.723**	-.820**	.348
	Significant (Bilateral)	.002	.001	.006	.053	.272	.007	.442		.002	.000	.000	.000	.002	.000	.187
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Parkin	Pearson correlation	.655**	.437	.764**	.389	.408	.481	.628**	.724**	1	.851**	.846**	-.552*	-.790**	-.814**	.177
	Significant (Bilateral)	.006	.090	.001	.136	.117	.059	.009	.002		.000	.000	.027	.000	.000	.512
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LC3	Pearson correlation	.740**	.716**	.815**	.533*	.471	.644**	.487	.868**	.851**	1	.813**	-.829**	-.775**	-.806**	.260
	Significant (Bilateral)	.001	.002	.000	.034	.066	.007	.056	.000	.000		.000	.000	.000	.000	.331
	N	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
P62	Pearson correlation	.669**	.465	.819**												

Figure S1. Original western blot gels used in the study.

