



Cell type	Conditions	Phenotype rescued by		Conditions	Cell type	Ref.
			nd	<i>PINK1</i> mutations (Q126P/G309D) + low glucose	Fibroblasts (PD patients)	[45]
			<i>PINK1</i> _{over} / <i>Parkin</i> _{over}	<i>PINK1</i> _{down}	HeLa	[45]
Fibroblasts (PD patients)	<i>parkin</i> mutations (various)	nd	nd	<i>parkin</i> mutations (various) + rotenone	Fibroblasts (PD patients)	[46]
Fibroblasts (human)	<i>Parkin</i> _{down}	nd	nd	<i>Parkin</i> _{down} + rotenone	Fibroblasts (human)	[46]
COS-7	<i>PINK1</i> _{down}	<i>hFis1</i> _{over} <i>Drp1</i> _{over}	<i>hFis</i> _{down} <i>Drp1K38A</i> _{over}	<i>PINK1</i> _{over}	COS-7 (simian)	[47]
SH-SY5Y	<i>PINK1</i> _{over}	nd	<i>Drp1K38A</i> _{over} <i>ATG7/ATG8</i> _{down} <i>Parkin</i> _{over}	<i>PINK1</i> _{down}	SH-SY5Y (human)	[48]
			<i>Parkin</i> _{over} <i>OPA1/Mfn2/DrpK38A</i> _{over} <i>Drp1</i> _{down}	<i>Parkin</i> _{down}	SH-SY5Y	[49]
			<i>PINK1</i> _{over} / <i>Parkin</i> _{over} <i>OPA1</i> _{ove} / <i>Mfn2</i> _{ove} / <i>Drp1K38A</i> _{over}	<i>PINK1</i> _{down}	SH-SY5Y	[49]
M17	<i>PINK1</i> _{over} + rotenone	nd	<i>Drp1</i> _{down}	<i>PINK1</i> _{down} +/- rotenone	M17 (human)	[50]
N27 (rat)	<i>PINK1</i> _{over}	<i>Drp1</i> _{over}	<i>mdivi-1</i> (<i>Drp1</i> inhibitor) <i>Drp1K38A</i> _{over} / <i>Mfn2</i> _{over}	<i>PINK1</i> _{down}	N27 (rat)	[51]
Primary neurons (rat hippocampus)	<i>PINK1</i> _{down}	<i>Parkin</i> _{over} <i>Drp1</i> _{over} <i>OPA1</i> _{down}		<i>PINK1</i> _{over} <i>Parkin</i> _{over}	Primary neurons (rat hippocampus)	[52*]
Primary DA neurons (rat mesencephalon)	<i>PINK1</i> _{down}			<i>PINK1</i> _{over} <i>Parkin</i> _{over}	Primary DA neurons (rat mesencephalon)	[52*]