

<b>Pathway</b>	<b>Genes</b>	<b>Signature genes</b>
Synaptic vesicle cycle	DNM3, RIMS1, STX1B, SYT1, VAMP2, STXBP1, SNAP25, SLC17A7, NSF, ATP6V1H, ATP6V1C1, ATP6V0D2, ATP6V1D, ATP6V1F, ATP6V1B2, ATP6V0B, ATP6V1G2, ATP6V0E2, ATP6V1E1, ATP6V1G1, ATP6V1A	ATP6V1B2, NSF, SYT1, ATP6V1E1, SNAP25
Phagosome	CYC1, COX6B1, ATPSPD, ATP5MC1, ATP5PB, ATP5F1B, ATP6V1H, ATP6V1C1, ATP6V0D2, ATP6V1D, ATP6V1F, ATP6V1B2, ATP6V0B, ATP6V1G2, ATP6V0E2, ATP6V1E1, ATP6V1G1, ATP6V1A, NDUFS8, NDUFS3, NDUFS2, COX7AL, NDUF5, NDUFS7	ATP6V1E1, ATP6V1B2, ATP6V1G1, NDUF5, NDUFS3
Oxidative phosphorylation	DYNC1LI1, FCGR3A, DYNC1H1, NYNC1H2, SCARB1, DYNC1H1, HGS, ATP6V1H, ATP6V1C1, ATP6V0D2, ATP6V1D, ATP6V1F, ATP6V1B2, ATP6V0B, ATP6V1G2, ATP6V0E2, ATP6V1E1, ATP6V1G1, ATP6V1A, TUBB4B, TUBB2A, TUBB4A, TUBA4A, TUBB3, TLR2, TAP2, SCEC61A2	ATP6V1B2, ATP6V1E1, TUBA4A, TUBB2A, TUBB3