

Supplementary Table 1 DEGs related to autophagy between OGD/R+BM-MSC group and OGD/R group

Genes	<i>P</i>	Fold change	Regulation
<i>Bnip3</i>	0.0044	4.03	up
<i>Plod2</i>	0.0052	3.68	up
<i>Hist1h3i</i>	0.0242	3.57	up
<i>Atg9b</i>	0.0084	2.99	down
<i>Pfkp</i>	0.0060	2.54	up
<i>Bnip3l</i>	0.0231	2.53	up
<i>Arsb</i>	0.0003	2.48	up
<i>Wipi1</i>	0.0297	2.22	up
<i>Tspo</i>	0.0022	2.22	up
<i>Hilpda</i>	0.0328	2.20	up
<i>Mapk3</i>	0.0007	2.17	up
<i>Pim2</i>	0.0020	2.12	up
<i>Mefv</i>	0.0015	2.11	up
<i>Alkbh5</i>	0.0013	2.10	up
<i>HO-1</i>	0.0192	2.08	up
<i>Dap</i>	0.0080	2.06	up
<i>Wdr45b</i>	0.0356	2.06	down
<i>Eva1b</i>	0.0009	2.03	up

BM-MSCs: bone marrow-derived mesenchymal stem cells; DEGs: differentially expressed genes; HO-1: heme oxygenase-1; OGD/R: oxygen-glucose deprivation/restoration.