

**Table S4:** Cellular processes, pathways and molecular function. Gene set enrichment analysis (GSEA) after daily hyperbaric oxygen (HBO) treatment of stroma cells.

<b>Induced_Daily HBO treatment</b>	<b>FDR</b>	<b>No.Genes</b>
HSA00190_OXIDATIVE_PHOSPHORYLATION	1.60	47
HSA04512_ECM_RECEPTOR_INTERACTION	2.82	27
HSA01430_CELL_COMMUNICATION	3.50	19
HSA01030_GLYCAN_STRUCTURES_BIOSYNTHESIS_1	4.30	39
HSA04510_FOCAL_ADHESION	5.49	53
<b>Down_Daily HBO treatment</b>	<b>FDR</b>	<b>No.Genes</b>
HSA04660_T_CELL_RECEPTOR_SIGNALING_PATHWAY	0.00	47
HSA04650_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY	0.00	37
HSA04060_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION	0.00	68
HSA04630_JAK_STAT_SIGNALING_PATHWAY	0.00	50
HSA04620_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY	0.00	35
HSA04210_APOPTOSIS	0.03	30
HSA04640_HEMATOPOIETIC_CELL_LINEAGE	0.03	36
HSA04514_CELL_ADHESION_MOLECULES	0.14	34
HSA04010_MAPK_SIGNALING_PATHWAY	3.40	81
HSA04670_LEUKOCYTE_TRANSENDOTHELIAL_MIGRATION	4.23	34
REGULATION_OF_T_CELL_PROLIFERATION	4.95	45