

**Table S3** Gene Ontology (GO) term enriched by genes specifically expressed in CP-MSCs (partly)

<b>GO term</b>	<b>Count</b>
GO:0042127 regulation of cell proliferation	86
GO:0008284 positive regulation of cell proliferation	56
GO:0060548 negative regulation of cell death	54
GO:1903047 mitotic cell cycle process	49
GO:0043066 negative regulation of apoptotic process	50
GO:0043069 negative regulation of programmed cell death	50
GO:0006260 DNA replication	26
GO:0022402 cell cycle process	65

GO term enriched by CP-MSC specifically expressed genes was partly presented. Through these terms, we could see the positive regulation of cell proliferation together with the negative regulation of cell death in CP-MSCs, which might be an explanation for the higher proliferation ability of CP-MSC.