

SUPPLEMENTARY TABLE S4. COMPARATIVE TABLE OF TOP MOLECULAR AND CELLULAR FUNCTION OF UPREGULATED GENES IN p53 KNOCKDOWN AND IMMORTALIZED MESENCHYMAL STEM CELLS WITH A HIGHER SIGNIFICANCE, OBTAINED BY INGENUITY PATHWAYS ANALYSIS

<i>Category</i>	<i>p53KD MSCs</i>		<i>p53KD + TERT MSCs</i>	
	<i>P-value</i>	<i>Molecules</i>	<i>P-value</i>	<i>Molecules</i>
Cellular growth and proliferation	3.58E-07–1.05E-02	65	1.86E-08–4.26E-03	124
Cell death	2.40E-06–1.05E-02	56	—	—
Cell cycle	3.59E-06–1.05E-02	33	2.24E-24–4.93E-03	94
Cellular assembly and organization	1.74E-04–1.05E-02	21	4.76E-11–3.98E-03	52
DNA replication, recombination, and repair	1.91E-04–1.05E-02	24	1.53E-14–3.98E-03	94
Cellular movement	—	—	9.10E-12–2.76E-03	33