

Supplementary table3

Proportional Composition of Umbilical Cord MSC Subpopulations Across Passages P0, P3, P5, and Low-Oxygen Culture Conditions(%).

	UCMSCP0	UCMSCP3	UCMSCP5	UCMSCP5L
S0	21.55	27.82	22.27	28.36
S1	13.52	14.48	32.45	39.54
S2	27.14	34.31	27.88	10.68
S3	22.52	24.25	31.40	21.83
S4	7.85	21.44	14.00	56.71
S5	36.01	22.38	41.33	0.29

Number of Umbilical Cord MSC Subpopulations Across Passages P0, P3, P5, and Low-Oxygen Culture Conditions(units).

	UCMSCP0N1	UCMSCP0N2	UCMSCP3N1	UCMSCP3N2	UCMSCP5L1	UCMSCP5L2	UCMSCP5N1	UCMSCP5N2
S0	2352	2194	3612	2257	2963	3020	2727	1970
S1	871	481	1036	412	1971	1983	2296	949
S2	1151	1221	1024	1974	364	569	1042	1394
S3	1401	1416	1263	1770	1422	1308	2024	1904
S4	283	241	1219	211	1549	2234	457	477
S5	431	557	51	563	3	5	475	659

Chi-square Test and Bonferroni Correction Results for Umbilical Cord Source Mesenchymal Stem Cell Subgroups from Different Passage and Hypoxic Culture.

	UCMSCP0N1	UCMSCP0N2	UCMSCP3N1	UCMSCP3N2	UCMSCP5L1	UCMSCP5L2	UCMSCP5N1	UCMSCP5N2	Total
S0	2352a	2194a	3612b	2257c, d	2963a	3020d	2727c	1970e	21095
S1	871a	481b	1036a	412c	1971d	1983e	2296d	949a	9999
S2	1151a	1221b	1024c	1974d	364e	569f	1042c	1394a, b	8739
S3	1401a	1416a, b	1263c, d	1770b, e	1422d	1308c	2024a	1904e	12508

S4	283a, b	241b	1219c	211d	1549e	2234f	457a	477g	6671
S5	431a	557b	51c	563a, b	3d	5d	475e	659b	2744
Total	6489	6110	8205	7187	8272	9119	9021	7353	61756

Each subscript letter denotes a subset of Column categories whose column proportions do not differ significantly from each other at the 0.05 level.

Notes:

The column headers "UCMSCP0N1" to "UCMSCP5N2" represent different experimental groups.

The row headers "S0" to "S5" represent different categories or groups under study.

"Total" represents the sum of the frequencies in each column or row.

The subscript letters indicate the results of post-hoc comparisons (Bonferroni correction), where identical letters denote no significant difference, and different letters denote significant differences at the 0.05 level.