

Supplementary Table 5. Morphokinetic parameters (time points, durations and frequencies) of only those ICSI embryos and SCNT embryos non-treated (NT) or treated with psammaplin A (PsA) or Vitamin C (VitC) that developed to the blastocyst stage.

	ICSI	SCNT-NT	SCNT-PsA	SCNT-VitC
Time point	Median (Q1, Q3) in min			
PNd	935 (912, 975) ^a	902 (882, 931) ^b	974 (923, 1020) ^a	881 (841, 920) ^c
div1-b	90 (83, 95)	90 (80, 95)	99 (84, 114)	95 (78, 100)
div1-e	95 (90, 105) ^a	98 (90, 105) ^{a,b}	110 (92, 125) ^b	100 (95, 115) ^{a,b}
Na	140 (120, 185)	145 (130, 155)	147 (124, 170)	152 (128, 165)
div2-b	1290 (1258, 1335) ^a	1473 (1395, 1565) ^b	1648 (1509, 1714) ^c	1474 (1403, 1598) ^b
div2-e	1295 (1263, 1340) ^a	1483 (1405, 1570) ^b	1655 (1514, 1719) ^c	1481 (1411, 1607) ^b
div3-b	1345 (1295, 1415) ^a	1598 (1485, 1775) ^b	1780 (1644, 1965) ^c	1593 (1505, 1702) ^b
div3-e	1355 (1300, 1420) ^a	1605 (1495, 1785) ^b	1787 (1649, 1970) ^c	1598 (1517, 1707) ^b
div4-b	2080 (2003, 2150) ^a	2390 (2240, 2535) ^b	2561 (2429, 2650) ^c	2298 (2179, 2412) ^b
div4-e	2088 (2008, 2155) ^a	2405 (2245, 2540) ^b	2569 (2434, 2659) ^c	2306 (2184, 2427) ^b
div5-b	2108 (2023, 2212) ^a	2453 (2350, 2680) ^b	2608 (2490, 2744) ^c	2337 (2209, 2514) ^b
div5-e	2118 (2028, 2217) ^a	2463 (2355, 2685) ^b	2613 (2497, 2754) ^c	2342 (2217, 2524) ^b
div6-b	2150 (2075, 2265) ^a	2530 (2365, 2700) ^b	2674 (2595, 2889) ^c	2414 (2289, 2567) ^b
div6-e	2155 (2080, 2270) ^a	2535 (2370, 2705) ^b	2679 (2605, 2894) ^c	2419 (2299, 2572) ^b
div7-b	2235 (2115, 2405) ^a	2640 (2430, 2780) ^{b,c}	2757 (2650, 2939) ^b	2409 (2304, 2582) ^c
div7-e	2240 (2120, 2410) ^a	2645 (2435, 2785) ^{b,c}	2762 (2655, 2944) ^b	2419 (2309, 2587) ^c
comp-b	2335 (2243, 2490) ^{a,b}	2373 (2230, 2590) ^{a,b}	2532 (2227, 2755) ^a	2316 (2174, 2492) ^b
comp<8C-b	2459 (2369, 2545)	2348 (2128, 2480)	2484 (2215, 2674)	2217 (2112, 2332)
comp8C-b	2314 (2220, 2490) ^a	2638 (2530, 2770) ^{b,c}	2795 (2735, 3022) ^b	2448 (2382, 2542) ^{a,c}
comp-e	2595 (2470, 2745) ^a	2820 (2700, 2915) ^b	2960 (2760, 3114) ^b	2696 (2554, 2792) ^a
cav-b	4125 (3963, 4488) ^{a,b}	4205 (3905, 4300) ^a	4400 (4200, 4644) ^b	4187 (3919, 4574) ^{a,b}
cav-e	4443 (4223, 4985)	4965 (4550, 5370)	4789 (4544, 5240)	4905 (4456, 5563)
Duration	Median (Q1, Q3) in min			
1-cell stage	90 (83, 95)	90 (80, 95)	99 (84, 114)	95 (78, 100)
div1	10 (5, 10)	10 (5, 10)	10 (5, 10)	7.5 (5, 15)
cycle1	95 (90, 105)	98 (90, 105)	110 (92, 125)	100 (95, 115)
2-cell stage	1199 (1160, 1235) ^a	1373 (1290, 1480) ^b	1523 (1400, 1585) ^c	1379 (1291, 1478) ^b
div2	5 (5, 10) ^a	10 (5, 10) ^b	10 (5, 10) ^{a,b}	5 (5, 10) ^{a,b}
3-cell stage	40 (10, 70) ^a	95 (55, 150) ^b	85 (30, 200) ^b	60 (23, 125) ^{a,b}
div3	5 (5, 10)	5 (5, 10)	5 (5, 10)	5 (5, 10)
cycle2	1260 (1200, 1318) ^a	1503 (1380, 1655) ^b	1645 (1540, 1785) ^c	1495 (1391, 1587) ^b
4-cell stage	710 (650, 770) ^{a,b}	795 (690, 875) ^a	740 (655, 860) ^{a,b}	703 (635, 795) ^b
div4	5 (5, 7.5)	5 (5, 10)	5 (5, 10)	5 (5, 10)
5-cell stage	23 (5, 68)	50 (10, 215)	45 (23, 108)	35 (10, 100)
div5	5 (5, 10) ^a	5 (5, 10) ^{a,b}	5 (5, 10) ^b	5 (5, 10) ^b
6-cell stage	20 (10, 65)	60 (15, 90)	80 (15, 155)	45 (20, 80)
div6	5 (5, 5) ^a	5 (5, 10) ^b	5 (5, 10) ^{a,b}	5 (5, 10) ^b
7-cell stage	45 (15, 105)	90 (30, 145)	105 (65, 120)	65 (25, 100)
div7	5 (5, 5)	5 (5, 5)	5 (5, 5)	5 (5, 10)
cycle3	890 (770, 975) ^a	1065 (920, 1160) ^b	988 (910, 1160) ^{b,c}	890 (835, 975) ^{a,c}
8-cell stage	85 (50, 165)	50 (10, 120)	62 (20, 110)	55 (22, 95)
compaction	230 (185, 293) ^a	345 (265, 560) ^b	360 (205, 575) ^b	278 (188, 513) ^{a,b}
morula stage	1543 (1363, 1860)	1378 (1180, 1610)	1455 (1195, 1650)	1470 (1230, 1815)
cavitation	292 (198, 508) ^a	660 (320, 1005) ^b	420 (245, 535) ^{a,c}	550 (365, 875) ^{b,c}
Frequency	n (%)			
directdiv	0 (0)	0 (0)	1 (2.4)	0 (0)
comp2C	3 (6.2)	5 (13.2)	2 (4.8)	3 (5.4)
frag	8 (16.7) ^a	16 (42.1) ^b	11 (26.2) ^{a,b}	28 (50.0) ^b
uneven	0 (0) ^a	3 (7.9) ^{a,b}	10 (23.8) ^b	5 (8.9) ^{a,b}

^{a-d} Values with different superscripts differ significantly within the same row ($p < 0.05$).