

Table 1: Comparison between CD24-/low/CD44high population and ZsGreen-cODC+ population, and corresponding sphere forming capacity after fractionated radiation, respectively 8x2 Gy and 5x3 Gy, in MCF-7 and T47D cells.

MCF-7									
CD24low/CD44Hight					ZsGreen-cODC+				
Dose	% of CICs (+/-SEM)		Sphere forming capacity		Sphere forming capacity		% of CICs (+/-SEM)		Dose
0	3.01 (+/-0.61)	p value	9.4 (+/-0.5)	p value	12.32 (+/-2.01)	p value	2.17 (+/- 0.47)	p value	0
2	6.54 (+/-1.95)	0.095	13.49 (+/-1.32)	0.01	15.25 (+/-3.2)	0.661	3.70 (+/-0.52)	0.051	3
2x2	8.04 (+/-1.47)	0.036	10.76 (+/-0.96)	0.137	17.54 (+/-4.15)	0.096	3.13 (+/-0.53)	0.2517	2x3
4x2	8.56 (+/-1.21)	0.020	11.85 (+/-1.81)	0.198	17.93 (+/-2.33)	0.051	6.73 (+/-1.33)	0.141	3x3
6x2	9.10 (+/-1.04)	0.029	11.85 (+/-1.48)	0.035	24.52 (+/-4.50)	0.048	11.26 (+/-2.06)	0.091	4x3
8x2	4.78 (+/-0.34)	0.229	11.85 (+/-1.27)	0.002	25.37 (+/-5.2)	0.039	12.64 (+/-1.91)	0.044	5x3

T47D									
CD24low/CD44Hight					ZsGreen-cODC+				
Dose	% of CICs (+/-SEM)		Sphere forming capacity		Sphere forming capacity		% of CICs (+/-SEM)		Dose
0	0.35 (+/-0.06)	p value	9.46 (+/-2.20)	p value	3.35 (+/-2.01)	p value	2.47 (+/-0.88)	p value	0
2	0.34 (+/-0.03)	0.868	6.74 (+/-1.31)	0.014	3.13 (+/-2.69)	0.231	4.31 (+/-1.13)	0.029	3
2x2	0.43 (+/-0.08)	0.471	13.76 (+/-4.01)	0.146	6.48 (+/-3.14)	0.091	9.72 (+/-2.81)	0.068	2x3
4x2	2.04 (+/-0.12)	0.001	12.74 (+/-4.58)	0.157	9.96 (+/-2.33)	0.049	16.09 (+/-5.57)	0.103	3x3
6x2	0.68 (+/-0.04)	0.007	17.99 (+/-5.17)	0.027	12 (+/-2.66)	0.033	24.06 (+/-4.15)	0.025	4x3
8x2	0.29 (+/-0.01)	0.449	18.92 (+/-5.83)	0.018	7.65 (+/-2.55)	0.055	21.133 (+/-1.87)	0.015	5x3