Supplementary Table S2: Gene sets enriched in genes up-regulated by ESRP2 and Arkadia in OS-RC-2 cells.

Pre-ranked gene set enrichment analysis (GSEAPreranked) was performed with genes up-regulated by both ESRP2 and Arkadia in OS-RC-2 cells using oncogenic signatures c6 gene sets in MSigDB. Gene sets with more than or equal to 1.5 NES values are shown in the list. NES: normalized enrichment score.

	Gene sets	NES
1	JNK_DN.V1_UP	2.07
2	WNT_UP.V1_DN	2.05
3	PRC1_BMI_UP.V1_DN	2.05
4	KRAS.LUNG_UP.V1_UP	2.02
5	DCA_UP.V1_DN	1.99
6	ESC_J1_UP_EARLY.V1_UP	1.96
7	PRC2_SUZ12_UP.V1_UP	1.95
8	SIRNA_EIF4GI_DN	1.93
9	SNF5_DN.V1_DN	1.92
10	ATF2_S_UP.V1_DN	1.91
11	ESC_J1_UP_LATE.V1_UP	1.9
12	ATF2_UP.V1_UP	1.89
13	GCNP_SHH_UP_EARLY.V1_DN	1.87
14	ESC_V6.5_UP_LATE.V1_UP	1.87
15	MYC_UP.V1_UP	1.86
16	PRC2_SUZ12_UP.V1_DN	1.84
17	RAPA_EARLY_UP.V1_UP	1.84
18	RB_P130_DN.V1_UP	1.82
19	SRC_UP.V1_DN	1.8
20	HOXA9_DN.V1_UP	1.79
21	PRC2_EDD_UP.V1_DN	1.79
22	CAHOY_ASTROGLIAL	1.78
23	ESC_J1_UP_EARLY.V1_DN	1.78
24	P53_DN.V1_DN	1.77
25	E2F3_UP.V1_UP	1.75
26	LTE2_UP.V1_DN	1.74
27	ATF2_UP.V1_DN	1.74
28	RAF_UP.V1_DN	1.74
29	LEF1_UP.V1_UP	1.73
30	PIGF_UP.V1_DN	1.72
31	BMI1_DN_MEL18_DN.V1_UP	1.71
32	GCNP_SHH_UP_LATE.V1_DN	1.67
33	KRAS.600_UP.V1_UP	1.66
34	AKT_UP.V1_UP	1.66
35	BMI1_DN.V1_UP	1.64
36	ESC_J1_UP_LATE.V1_DN	1.63
37	MEL18_DN.V1_UP	1.63
38	MTOR_UP.V1_UP	1.63
39	PRC2_EZH2_UP.V1_DN	1.62
40	CAMP_UP.V1_DN	1.61
41	AKT_UP.V1_DN	1.61
42	HOXA9_DN.V1_DN	1.6
43	AKT_UP_MTOR_DN.V1_UP	1.58
44	PRC2_EZH2_UP.V1_UP	1.57
45	RPS14_DN.V1_DN	1.56
46	GCNP_SHH_UP_EARLY.V1_UP	1.55
47	TGFB_UP.V1_UP	1.54
48	GCNP_SHH_UP_LATE.V1_UP	1.54
49	MYC_UP.V1_DN	1.53
50	TBK1.DF_DN	1.5