

S15 Table\_O.D. for Westren blot

**Fig. 1B**

p-ERK1/2

	0h	0.5h	1h	2h
1	2828	4404	7835	22888
2	1828	3458	6855	19288
Ave	2328	3931	7345	21088
SD	707	669	693	2546

p-P38

	0h	0.5h	1h	2h
1	24738	12968	13385	18268
2	10738	6968	7385	9268
Ave	17738	9968	10385	13768
SD	9899	4243	4243	6364

**Fig. 2B**

STRA8

	Control	RA	RA+U0126	U0126
1	910	30966	6242	859
2	752	25476	3522	255
Ave	831	28221	4882	557
SD	112	3882	1923	427

p-ERK1/2

	Control	RA	RA+U0126	U0126
1	1804	31479	2690	1108
2	2914	24529	2050	568
Ave	2359	28004	2370	838
SD	785	4914	453	382

**Fig. 5A**

STRA8

	0h	12h	24h	48h
1	3911	26409	48064	134453
2	1452	2253	8523	94285
Ave	2682	14331	28294	114369
SD	1739	17081	27960	28403

p-ERK1/2

	0h	12h	24h	48h
1	7219	18636	31181	121719
2	5222	13020	22332	62355
Ave	6221	15828	26757	92037
SD	1412	3971	6257	41977

**Fig. 5B**

STRA8

	Control	RA	RA+U0126	U0126
1	0	32777	2751	0
2	0	12777	751	0
Ave	0	22777	1751	0
SD	0	14142	1414	0

p-ERK1/2

	Control	RA	RA+U0126	U0126
1	0	37024	0	0
2	0	17454	0	0
Ave	0	27239	0	0
SD	0	13838	0	0

**S1 Fig.**

p-ERK1/2

	0 $\mu$ M	10 $\mu$ M	20 $\mu$ M	50 $\mu$ M
1	29287	23427	22428	6006