

### Additional file 5: Overview of the SW1353 reporter cell lines

Reporter ID	Response element	Signaling pathway
AP1	Activator protein 1 response element	MAPK signaling pathway (JNK1:2)
ARE	Antioxidant response element	Nrf2 signaling pathway
CRE	cAMP response element	cAMP/PKA (Protein Kinase A) pathway
CSL	CBF1, Suppressor of Hairless, Lag-1 response element	Notch signaling pathway
NFAT5	Nuclear factor of activated T-cells 5 response element	Osmotic stress response pathway
NFkB	Nuclear factor $\kappa$ B response element	NF- $\kappa$ B signaling pathway
SBE	SMAD binding element	TGF- $\beta$ signaling pathway (SMAD2:3)
SIE	Sis-inducible element	SIS-inducible pathway (STAT1:3)
SRE	Serum response element	MAPK signaling pathway (ERK1)
SRF	Serum response factor response element	RhoA signaling