



Table S1. Upregulated and downregulated mRNA by five of the main compounds of *P. reticulatus*.

mRNA	Erythrin	Gardenoside	Phlorizin	Sesamoside	Veracylglycan
Upregulated	PON1	KDEL1	TCF12	KDEL1	FTL
	TCF12	PGM2	KDEL1	PGM2	TCF12
	OGG1	TCF12	PGM2	TCF12	KDEL1
	FTL	SMPD1	EID1	FTL	PGM2
		FTL	SMPD1	SMPD1	SMPD1
		RPS6KA3	FTL	RPS6KA3	EID1
		SFRP1	NOTCH1		RPS6KA3
		ENC1	RPS6KA3		LST1
		CASP2	PGR		CASP2
		MT1L	MT1L		GATA1
			RRM2B		
			CASP2		
	Downregulated	GSS	MAPK8	MAPK8	MAPK8
ITGAV		SDC4	MFAP4	SDC4	MAPK8
CAPRIN1		APTX	DMXL1	APTX	ADAM19
TEFM		RSBN1	ADAM19	RSBN1	SDC4
TRAF5		ADAM19	SDC4	ADAM19	APTX
WWP2		MFAP4	OLFML1	EVI2B	RSBN1
		EVI2B	APTX	OSBP2	EVI2B
		OSBP2	RSBN1	MFAP4	DSPP
		ABCA13	ABCA13	DSPP	SYMPK
		ABCC13	ABCC13	ABCA13	EFNA3
		TMEM59L	TMEM59L	ABCC13	OSBP2
		DSPP	SYMPK	TMEM59L	UBE2M
		EFNA3	EFNA3	SYMPK	ABCA13
		SYMPK	PDZK1	UBE2M	ABCC13
		UBE2M	EVI2B	LRP6	TMEM59L
		OLFML1	LRP6	DIAPH2	OLFML1
		DIAPH2	OSBP2	EFNA3	CXCL10
		LRP6	UBE2M	PSMD3	DIAPH2
		PSMD3	CXCL10	PACSIN2	PACSIN2
		DMXL1	DIAPH2	CXCL10	LRP6
		PACSIN2	DSPP	OLFML1	PSMD3
		CXCL10	PACSIN2		DMXL1
			PSMD3		PDZK1
			DNMT1		
			TUBGCP3		