

Supplementary Table 2 | **TNFRSF co-stimulatory and co-inhibitory molecules**

Receptor subfamily	Molecule name	CRD types (order from cell membrane)	T cell co-signalling	Ligand/counter receptor
Type-V (Divergent)	4-1BB (CD137)		Stimulatory	4-1BBL
	OX40 (CD134)		Stimulatory	OX40L
	CD27 (TNFRSF7)		Stimulatory	CD70
	GITR (CD357)		Stimulatory	GITRL
	CD30 (TNFRSF8)		Stimulatory	CD30L
Type-L (Conventional)	TNFR1 (CD120a)		Apoptosis/Survival	TNF-β
	TNFR2 (CD120b)		Apoptosis/Survival	TNF-α
	HVEM (CD270)		Stimulatory	LIGHT,BTLA,CD160, LTα3,HSV1gD
	LTβR (TNFRSF3)		Stimulatory	LTα1β2, LIGHT
	DR3 (TNFRSF25)		Stimulatory	TL1A
	DcR3 (TNFRSF6B)			LIGHT,TL1A,FASL
	FAS (CD95)		Apoptosis	FASL
	CD40 (TNFRSF5)			CD40L
	RANK (CD265)		Unclear	RANKL
	OPG (TNFRSF11B)		Unclear	RANKL
	TRAILR1-4 (TNFRSF10A-D)		Apoptosis	TRAIL
	Type-S (EF-disulfide)	TACI (CD267)		
BAFFR (CD268)				BAFF
BCMA (CD269)				BAFF,APRIL
TWEAKR (CD266)			Unclear	TWEAK
EDAR			Unclear	EDA-A1
XEDAR (TNFRSF27)			Unclear	EDA-A2
Orphan		RELT (TNFRSF19L)		Unclear
	DR6 (CD358)		Inhibitory	Unknown
	TROY (TNFRSF19)		Unclear	Unknown
	NGFR (CD271)		Unclear	Unknown

CRD types: L1 L2 L3 L4 S Undetermined