

**Erceg, Table S6**

Parameters fit by the model using the measured CRM penetrance and CRM data for the 6x pMad-Tin CRMs

Tissue	Cooperative TF interactions	$r_{sense}$	$r_{antisense}$	$q_1$	$q_2$
VM	pMad-Tin only	6.2bp	8.4bp	0.60	n/a
VM	pMad-Tin and pMad-Tin-pMad	6.4bp	8.8bp	0.19	1.9
H	pMad-Tin only	4.2bp	5.7bp	0.50	n/a
H	pMad-Tin-pMad only	4.3bp	6.0bp	n/a	4.8
H	Tin-pMad-Tin only	4.6bp	6.0bp	n/a	2.5