

The *LMO* family of LIM-domain only genes

Gene	Location	Main Leukaemia type	Leukaemia translocation	Other genomic mutations	Other cancers	Gene knock out phenotype
LMO1	11p15	T-ALL	t(11;14)p15;q11)	Promoter mutations	Neuroblastoma	CNS *
LMO2	11p13	T-ALL	t(11;14)(p13;q11) t(7;11)(q35;p13) t(3;11)(q25;p13) t(X;11)(q25;p13)	Promoter mutations del11(p12;p13)	DLBCL Breast	Haematopoiesis
LMO3	12p12	T-ALL	t(7;12)(q35;p12)	nk	Neuroblastoma	CNS *
LMO4	1p22.3	nk	nk	nk	Neuroblastoma Breast	Neural tube development

