

## LMO2

### Genus

Human

Mouse

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Human	M	S	S	A	I	E	R	K	S	L	D	P	S	E	E	P	V	D	E	V	L	Q	I	P	P	S	L	L	T
Mouse																													
Monkey																													
Guinea Pig																													
Rabbit																													
Rat																													
Cat								M	L	G	L	L		R															
Dog	X	X	X	X																									
Cow																								M					
Horse												L		R															
Bird (genus)																													
Turkey														R															
Frog													T	D															
Zebrafish	A		T					T		E	A	N													M				
Ricefish	V		T					T		E	A														M				
Japanese Pufferfish	A		T					T		E	T	N													M				
Pufferfish	A		T					T		E	T														M				

### KEY



Amino acid



No amino acid



Different amino acid



Conserved amino acid



Amino acids involved in Zn binding

Conserved aa K, R

Conserved aa F, Y, W

Conserved aa D, E

Conserved aa A, I, L, V







