

Supplementary Table 1 - ORA genes nomenclature, accession numbers and/or IDs and location

Name	NCBI ID	Ensembl ID	Orientation	Chromosome/ Scaffold	Location
Dr ORA1*	NP_001018340	ENSDARP00000057937	-	22	1172243-1173193
Dr ORA2#	XP_001344418	FGENESH00000085069	+	22	1175482-1176393
Dr ORA3	XP_001344084	FGENESH00000054922	+	22	736206-738018
Dr ORA4	XP_001344045	ENSDART00000082410	-	22	731,895-733,284
Dr ORA5	XP_694309	FGENESH00000061324	-	10	3066749-3067648
Dr ORA6	XP_700502				
OI ORA1#		GENSCAN00000069678	-	5	14411018-14411959
OI ORA2*		GENSCAN00000069682	+	5	14406616-14407548
OI ORA3		GENSCAN00000108015	+	ultracontig62	8021-35525
OI ORA4		GENSCAN00000108024	-	ultracontig62	36690-37870
OI ORA5		GENSCAN00000068467	+	12	12527353-12528432
OI ORA6		GENSCAN00000039818	-	24	1366652-1367572
Ga ORA1		ENSGACP00000006239	-	groupXVII	2558869-2559828
Ga ORA2		GENSCAN00000010274	+	groupXVII	2563128-2564078
Ga ORA3		GENSCAN00000044176	+	scaffold_27	3166159-3175666
Ga ORA4		GENSCAN00000044179	-	scaffold_27	3176219-3177651
Ga ORA5		GENSCAN00000040120	+	groupXIV	6010209-6011324
Ga ORA6		GENSCAN00000016166	+	groupXVIII	14315687-14316616
Tn ORA2*	AAQ88215	GSTENG00019393001	-	Un random	36331400-36332254
Tn ORA3	CAG06844	GSTENT00027343001	-	11	5808251-5831476
Tn ORA4	CAG06845	GSTENT00027344001	+	11	5806835-5807941
Tn ORA5	CAF99214	GSCT00001731001	-	4	2169015-2170091
Tn ORA6	CAG01503	GSTENT00020293001	+	14	7250895-7254294
Tr ORA2*		GENSCANSLICE00000003743	-	scaffold_2180	11679-14949
Tr ORA3		GENSCANSLICE00000002634	+	scaffold_87	345291-346566
Tr ORA4		GENSCANSLICE00000002635	-	scaffold_87	346995-348116
Tr ORA5		GENSCANSLICE00000005466	+	scaffold_84	750887-751945
Tr ORA6		GENSCANSLICE00000021744	-	scaffold_16	693434-694462
Xt ORA1		ENSXETG00000008935	+	scaffold_61	1,116,747-1,117,810
Xt ORA2		FGENESH00000089755	+	scaffold_61	1,011,610-1,012,581
Xt ORA3		FGENESH00000094431	+	scaffold_3471	1,700-2,602
Xt ORA4		GENSCAN00000040140	+	scaffold_61	1,041,747-1,042,721
Xt ORA5		FGENESH00000090170	+	scaffold_61	1,028,576-1,032,465
Xt ORA6		FGENESH00000090058	+	scaffold_61	1,055,809-1,058,424
Xt ORA7		GENSCAN00000040099	+	scaffold_61	1,003,717-1,004,700
Xt ORA8		ENSXETP00000019576	+	scaffold_61	985,168-990,455
Xt ORA9		ENSXETG00000008933	+	scaffold_61	974,118-975,139
Xt ORA10		ENSXETP00000055846	+	scaffold_61	958,463-961,437
Xt ORA11		FGENESH00000090151	+	scaffold_61	1,066,363-1,071,045
Xt ORA12		ENSXETP00000019575	+	scaffold_61	938,396-959,224
Xt ORA13		FGENESH00000102032	-	scaffold_61	857,914-859,252
Xt ORA14		ENSXETG00000008937	+	scaffold_61	1,153,117-1,210,768
Xt ORA15		GENSCAN00000046967	+	scaffold_414	417,787-418,767