

Table S1: List of contigs used for primer and probe synthesis

gene	obtained from	name of contig	best percent identity	best percent identity to
MEOX2	C.calyptratus_annotated_meta_transcriptome	D1_embryo_assembly_TRINITY_DN59016_c3_g5_i2_Swissprot_sp P50222 MEOX2_HUMAN	87.38%	XM_020782199.1
PAX9	C.calyptratus_annotated_meta_transcriptome	D1_tissue_assembly_TRINITY_DN47668_c3_g2_i9_Swissprot_sp Q2VL51 PAX9_LEPED	79.07%	XM_028720443.1
PAX9	C.calyptratus_annotated_meta_transcriptome	D1_tissue_assembly_TRINITY_DN33051_c0_g1_i1_Swissprot_sp Q2VL56 PAX9_SAGOE	88.51%	XM_028720443.1
PAX9	C.calyptratus_embryo_transcriptome_fpkms_1	TRINITY_DN59367_c1_g2_i11_1	79.07%	XM_028720443.1
MSX1	C.calyptratus_tissue_transcriptome_fpkms_1	CL3504Contig1_1	86.46%	XM_020805799.1
MSX1	C.calyptratus_embryo_transcriptome_fpkms_1	TRINITY_DN55566_c3_g1_i5_1	86.22%	XM_020805799.1
MSX1	C.calyptratus_tissue_transcriptome_fpkms_1	CL19192Contig1_1	86.13%	XM_020805799.1
HPRT	C.calyptratus_annotated_meta_transcriptome	D1_embryo_assembly_TRINITY_DN53192_c6_g1_i4_Swissprot_sp Q9W719 HPRT_CHICK	82.34%	XM_020810323.1
HPRT	C.calyptratus_annotated_meta_transcriptome	D1_embryo_assembly_TRINITY_DN53192_c6_g1_i8_Swissprot_sp Q9W719 HPRT_CHICK	81.18%	XM_020810323.1
HPRT	C.calyptratus_annotated_meta_transcriptome	D1_tissue_assembly_TRINITY_DN45027_c0_g1_i2_Swissprot_sp Q9W719 HPRT_CHICK	91.07%	XM_020810323.1