

Primer Name	Primer Sequence	Target	Purpose	Final Concentration in PCR Rxn (uM)	Notes
F_Cre Melt	AAATGCTTCTGTCCGTTTGC	Cre	Cre Genotyping	0.5	Higher Tm Product is Cre, lower Tm Product is IPC
R_Cre Melt	ATGTTTAGCTGGCCAAATG	Cre	Cre Genotyping	0.5	
New_F_IPC-2	ATCTGAAAGACAAGAAACAGGGGA	IPC	Cre Genotyping	0.1	
R_IPC-2	CACTACAGACCCATGAGGAGTTC	IPC	Cre Genotyping	0.1	
New_A17_Geno_F	GTGATTCCTTAGTGCAGTATTTCTGT	Adam17	Adam17 Genotyping	0.5	Higher Tm Product is Flox Allele, lower Tm Product is WT
New_A17_Geno_Flox_F	AGAGAATAGGAACTTCGGAATAGGAACT	Adam17	Adam17 Genotyping	0.5	
New_A17_Geno_R	CATCAGCCACACCTAGAAAAGTTAGA	Adam17	Adam17 Genotyping	0.5	
New_A10_F	TGCCAGTACATAGTGATGCAATTGATTAT	Adam10	Adam10 Genotyping	0.5	Higher Tm Product is Flox Allele, lower Tm Product is WT
New_New_A10_R	CAAAACTACCCCTCCCACAAAGGA	Adam10	Adam10 Genotyping	0.5	
F_A10_TG_1	GCTGTGCAGATCACTCCGTT	Adam10 Transgene	Adam10 Transgene Genotyping	0.5	Higher Tm Product is Adam10 Transgene, lower Tm Product is IPC
R_A10_TG_1	TTCAGCCAGAGTTGTGCGTT	Adam10 Transgene	Adam10 Transgene Genotyping	0.5	
New_F_IPC-2	ATCTGAAAGACAAGAAACAGGGGA	IPC	Adam10 Transgene Genotyping	0.1	
R_IPC-2	CACTACAGACCCATGAGGAGTTC	IPC	Adam10 Transgene Genotyping	0.1	
F_iCre	CTTCTGGGCATTGCCTACA	Vav-iCre	Vav-iCre Genotyping	0.5	Higher Tm Product is iCre, lower Tm Product is IPC
R_iCre	GGTCTCCCAATGTGGATCA	Vav-iCre	Vav-iCre Genotyping	0.5	
New_F_IPC-2	ATCTGAAAGACAAGAAACAGGGGA	IPC	Cre Genotyping	0.1	
R_IPC-2	CACTACAGACCCATGAGGAGTTC	IPC	Cre Genotyping	0.1	
Tnf_geno_F3	GGGCAGTTAGGCATGGGATG	Tnf	Tnf Genotyping	0.5	Higher Tm Product is Flox Allele, lower Tm Product is WT
Tnf_geno_R3	GCACTTAGACCCCTTCTCCTC	Tnf	Tnf Genotyping	0.5	
F_Ptk2b_GenoMelt	GACACACAGTCTAGGAAGAAGGAAG	Ptk2b	Ptk2b Flox Genotyping	0.5	Higher Tm Product is Flox Allele, lower Tm Product is WT
R_Ptk2b_GenoMelt	TAGGAAGCTCCAGACACTTCTCTAG	Ptk2b	Ptk2b Flox Genotyping	0.5	
F_Ptk2b_Del	TTCATCCTATTTTCATGTGCTCAG	Ptk2b	Ptk2b deletion genotyping	0.5	Only Deletion Allele will amplify
R_Ptk2b_Del	TAGGAAGCTCCAGACACTTCTCTAG	Ptk2b	Ptk2b deletion genotyping	0.5	

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