

Supplementary Material to “A comprehensive transcriptome analysis of skeletal muscles in two Polish pig breeds differing in fat and meat quality traits”

Table S2 - Primer and TaqMan probes used in validation.

Gene		Primers and Probe or Taqman Gene Expression Assay ID	Amplicon length [bp]	Label	Reference sequences accession numbers	Exon Boundary
<i>PPP1R11</i>	protein phosphatase 1 regulatory inhibitor subunit 11	Ss03390641_m1	73	FAM	NM_001123166.1	1-2
		Ss03390642_g1	72	FAM	NM_001123166	2-3
		TCACTGAGACAACGGTTACC	95	EvaGreen	ENSSSCG00000028347	2-3
		GGAAGGTCCCAGCAAATCTTC				
		CGGAAGCCAGAGAAAAGGT	159	EvaGreen	ENSSSCG00000028347	3-4
	TATGACCACAGCCCTCCTCT					
<i>UCHL1</i>	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	Ss03381306_u1	131	FAM	NM_213763	2-3
<i>HES1</i>	hes family bHLH transcription factor 1	Ss04321631_g1	75	FAM	BX930390.1	2-3
<i>MAOB</i>	monoamine oxidase B	Ss03378378_u1	74	VIC	NM_001195231	15-15
<i>SFRP2</i>	secreted frizzled-related protein 2	Ss04327215_m1	99	VIC	NM_001244395.1	1-2
<i>VCAN</i>	versican	Ss04323138_m1	67	VIC	NM_001206429.1	3-4
<i>HP</i>	haptoglobin	Ss03393371_u1	90	FAM	NM_214000.2	5-5
<i>OAS2</i>	2'-5'-oligoadenylate synthetase 2, 69/71kDa	Ss03392009_m1	65	FAM	NM_213577.1	4-5
<i>PVALB</i>	parvalbumin	Ss04247063_m1	86	FAM	NM_001190157.1	3-4
<i>GPX3</i>	glutathione peroxidase 3 (plasma)	Ss03387487_u1	80	FAM	NM_001115155.1	5-5
<i>CNN1</i>	calponin 1, basic, smooth muscle	Ss03392449_g1	83	VIC	NM_213878.1	4-5
<i>ASS1</i>	argininosuccinate synthase 1	Ss03373750_m1	65	VIC	AK232885.1	12-13
<i>APOD</i>	Apolipoprotein D	CTCCTTGGAGTGGCTGAGG	152	EvaGreen	ENSSSCG00000011831	2-3
		GCTTGGATGCAACTTCCTT				

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<i>PEX11G</i>	Peroxisomal biogenesis factor 11 gamma	CCAGCTCTACTACCCCTGTG CGTCTCAGCTTCAGGACCAT	158	EvaGreen	ENSSSCG00000013569	2-3
<i>LIMK1</i>	LIM domain kinase 1	TGCAAGAAGGACTACTGGGC CCAGAGTGTAGGTGTCCCC	165	EvaGreen	ENSSSCG00000030378	2-3
<i>LXRA (NR1H3)</i>	nuclear receptor subfamily 1, group H, member 3	Ss03389237_g1	101	VIC	NM_001101814.1	5-6
<i>LIPE</i>	lipase E, hormone sensitive type	Ss03383966_u1	96	FAM	NM_214315.1	9-9
<i>OAZ1</i>	ornithine decarboxylase antizyme 1 housekeeping gene	Ss03387505_u1	77	VIC	NM_001122994.1	5-5
<i>RPL27</i>	60S ribosomal protein L27 housekeeping gene	5`NED - CGGTCATCGTAAAGAA CGTACTCCGGACGCAAA GGTCTGAGGTGCCATCATCA	55	NED	ENSSSCG00000025507	1-2