

Supplemental table 6. Differentially expressed genes in heifers of the PI group compared to the TI group, day 190 of gestation.

| Affymetrix Identifier | Gene Identifier | Gene Name | Ratio | Direction |
|-----------------------|-----------------|--|-------|-----------|
| Bt.27760.1.S1_at | AB008573 | MHC class I heavy chain, partial cds, clone P5647.6m | 9.95 | Up |
| Bt.20891.1.S1_at | CK960499 | 2-5-oligoadenylate synthetase 1 (OAS1) | 3.87 | Down |
| Bt.17477.1.A1_at | CB433789 | Transcribed locus | 3.82 | Up |
| Bt.26711.2.S1_at | AW658483 | Transcribed locus | 2.36 | Down |
| Bt.12304.1.S1_at | NM_174366 | interferon-stimulated protein, 15 kDa | 2.33 | Down |
| Bt.26711.1.S1_at | CK771750 | Transcribed locus | 2.29 | Down |
| Bt.13203.1.S1_at | CB530181 | Transcribed locus | 2.25 | Up |
| Bt.19620.1.A1_at | CK955157 | Transcribed locus, moderately similar to XP_513514.1 similar to Interferon-induced protein 44 (Antigen p44) (Non-A non-B hepatitis-associated microtubular aggregates protein) [Pan troglodytes] | 2.24 | Down |
| Bt.20785.2.S1_at | CB460780 | Transcribed locus, moderately similar to XP_513514.1 similar to Interferon-induced protein 44 (Antigen p44) (Non-A non-B hepatitis-associated microtubular aggregates protein) [Pan troglodytes] | 2.17 | Down |
| Bt.20785.1.A1_at | CK777675 | Transcribed locus, moderately similar to XP_513514.1 similar to Interferon-induced protein 44 (Antigen p44) (Non-A non-B hepatitis-associated microtubular aggregates protein) [Pan troglodytes] | 2.13 | Down |
| Bt.5341.1.S1_at | M37974 | osteolectin (osteoinductive factor, mimecan) | 2.13 | Up |
| Bt.19339.3.A1_at | CB461169 | Transcribed sequences | 2.05 | Up |
| Bt.16425.1.A1_at | CB420023 | Transcribed sequence | 2.05 | Up |
| Bt.17729.1.A1_at | CB433489 | Transcribed sequence with weak similarity to protein pir:S48218 (H.sapiens) S48218 microtubular aggregate protein - human | 1.94 | Down |
| Bt.15958.2.A1_a_at | CB460964 | ATP-binding cassette transporter subfamily B, member 1 (ABCB1) | 1.93 | Up |
| Bt.4209.1.S1_a_at | CB534327 | Component 3 | 1.89 | Up |
| Bt.28048.1.S1_at | CK945043 | Transcribed locus | 1.82 | Up |
| Bt.19204.1.S1_at | CB458416 | Transcribed sequences | 1.77 | Up |
| Bt.23161.2.A1_at | CB423642 | Heat shock 70 kD protein 2 | 1.77 | Up |
| Bt.4137.1.A1_at | CB443498 | Transcribed locus, moderately similar to XP_514164.1 similar to Putative lymphocyte G0/G1 switch protein 2 [Pan troglodytes] | 1.77 | Up |
| Bt.126.1.S2_at | NM_174373 | potassium inwardly-rectifying channel, subfamily J, member 2 | 1.76 | Up |
| Bt.21765.1.S1_at | CB435377 | Transcribed locus, strongly similar to NP_067067.1 Ras-related GTP binding D [Homo sapiens] | 1.76 | Up |
| Bt.20512.1.S1_at | BE758040 | Transcribed locus, weakly similar to NP_000486.1 collagen, type IV, alpha 5 (Alport syndrome) [Homo sapiens] | 1.75 | Up |
| Bt.25111.1.A1_at | CK848208 | Transcribed locus, weakly similar to XP_524747.1 similar to histocompatibility 28 [Pan troglodytes] | 1.73 | Down |
| Bt.22976.1.S1_at | AY298812 | SMC4 structural maintenance of chromosomes 4-like 1 (yeast) | 1.69 | Up |
| Bt.24033.1.A1_at | CB432365 | Transcribed locus, moderately similar to XP_520524.1 similar to DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide RIG-I; RNA helicase; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide [Pan troglodytes] | 1.67 | Down |
| Bt.9385.1.S1_at | CK953227 | Transcribed locus, moderately similar to XP_518477.1 similar to beta-tubulin cofactor C [Pan troglodytes] | 1.67 | Up |
| Bt.16123.1.S1_at | BM285504 | Transcribed locus, strongly similar to NP_005618.2 serum/glucocorticoid regulated kinase [Homo sapiens] | 1.66 | Up |
| Bt.17670.1.A1_at | CB439678 | Transcribed locus, strongly similar to NP_938022.1 hypothetical protein LOC285513 [Homo sapiens] | 1.66 | Up |
| Bt.29757.1.S1_s_at | AJ235267 | T-cell receptor beta chain variable segment, clone IC100 | 1.65 | Up |
| Bt.3566.1.A1_at | AV615989 | Transcribed locus | 1.64 | Up |
| Bt.9673.1.S1_at | CK972160 | Transcribed locus, strongly similar to XP_485628.1 similar to hypothetical protein MGC45416 [Mus musculus] | 1.63 | Down |
| Bt.1978.13.S1_at | D90132 | T cell receptor, beta cluster | 1.62 | Up |
| Bt.16333.1.A1_at | CB420282 | Transcribed sequence with weak similarity to protein ref:NP_054886.1 (H.sapiens) HSPC128 protein (Homo sapiens) | 1.6 | Up |
| Bt.16831.1.A1_at | CB424072 | Transcribed sequence | 1.6 | Up |
| Bt.13469.1.S1_at | CK771797 | Transcribed locus, moderately similar to NP_612441.1 serine dehydratase-like [Homo sapiens] | 1.6 | Up |
| Bt.28745.1.S1_at | CK946910 | Transcribed locus, strongly similar to NP_005233.3 coagulation factor II (thrombin) receptor-like 1 [Homo sapiens] | 1.59 | Up |
| Bt.23226.1.S1_at | BE237119 | Transcribed locus, moderately similar to NP_001600.1 acyl-Coenzyme A dehydrogenase, short/branched chain [Homo sapiens] | 1.57 | Up |
| Bt.29822.1.S1_s_at | AB008649 | MHC class I heavy chain /// MHC class I heavy chain, partial cds, clone MP-1.6m | 1.57 | Down |
| Bt.13003.2.S1_at | D90013 | T cell receptor, alpha | 1.56 | Up |
| Bt.19365.1.S1_at | CB459838 | Transcribed locus, moderately similar to NP_004122.1 granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) [Homo sapiens] | 1.56 | Down |
| Bt.13899.1.A1_at | BF230904 | Transcribed locus, weakly similar to XP_346800.1 ectonucleotide pyrophosphatase/phosphodiesterase 2 [Rattus norvegicus] | 1.56 | Down |
| Bt.27854.2.S1_at | AV604293 | Transcribed locus, strongly similar to NP_005375.1 nuclear factor, interleukin 3 regulated [Homo sapiens] | 1.55 | Up |
| Bt.6389.1.A1_at | BF041863 | Transcribed locus | 1.54 | Down |
| Bt.25275.1.A1_at | CK727097 | Transcribed locus | 1.54 | Up |
| Bt.15788.3.S1_at | CB422521 | Transcribed locus, weakly similar to NP_004326.1 bone marrow stromal cell antigen 2 [Homo sapiens] | 1.53 | Down |
| Bt.25412.1.A1_at | BE723538 | Transcribed locus, moderately similar to NP_060924.4 nucleolar and spindle associated protein 1 [Homo sapiens] | 1.53 | Up |
| Bt.16141.1.S1_at | CK778261 | Transcribed locus, strongly similar to XP_519864.1 similar to cyclin E2 isoform 1; G1/S-specific cyclin E2 [Pan troglodytes] | 1.53 | Up |
| Bt.29750.1.S1_x_at | AJ006574 | T-cell receptor beta chain variable segment, clone C55 | 1.52 | Up |
| Bt.16088.1.A1_at | CK847994 | Transcribed locus, strongly similar to NP_061198.1 myosin VC [Homo sapiens] | 1.52 | Up |
| Bt.9735.1.S1_at | BM253121 | Transcribed locus, strongly similar to NP_061974.2 apolipoprotein M [Homo sapiens] | 1.52 | Up |