Title: Adipokines (Leptin, Adiponectin, Resistin) Differentially Regulate All Hormonal Cell Types in Primary Anterior Pituitary Cell Cultures from Two Primate Species

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Supplemental material

Supplemental Table 1. Specific set of primers for amplification of baboon transcripts used for quantitative real-time RT-PCR

Gene	Genbank Accession #	Primer Sequence	Nucleotide Position	Product Size
Adiponectin	EU420013.1	Sense: ACCAGGAAACCACGACTCAA Antisense: TCCTTTCTCACCCTTCTCACC	Sn 50 As 207	158
Leptin	NM_000230.2	Sense: GTGGCTTTGGCCCTATCTTT Antisense: GGTGACTTTCTGTTTGGAGGAG	Sn 87 As 231	145
Resistin	AF323081.1	Sense: AAGCTCTCTGTCTCCTCCTCCT Antisense: TCCTCTCATTGATGGCTTCTTC	Sn 51 As 140	90
LH	HQ012663	Sense: GCCTCCTCTTCCTCTAAAGACC Antisense: GCGGATTGAGAAGCCTTTATT	Sn 59 As 162	104
GH	DQ340390	Sense: GACCTAGAGGAAGGCATCCAAA Antisense: AGCAGCCCGTAGTTCTTGAGTAG	Sn 21 As 163	143
FSH	HQ012664	Sense: TTGGTGTGCTGGCTACTGCT Antisense: GGGCACTCTCACTGTTTCGT	Sn 96 As 210	115
POMC	DQ315472	Sense: CCCTACAGGATGGAGCACTT Antisense: CGTTCTTGATGATGGCGTTT	Sn 7 As 133	127
PRL	EF419886	Sense: CCTTCGAGACCTGTTTGACC Antisense: ATCTGTTGGGCTTGCTCCTT	Sn 12 As 194	183
TSH	HQ012665	Sense: ATTGCCTAACCATCAACACCAC Antisense: AAACATCCTGGGACAGAGCATA	Sn 59 As 160	102
Kiss1-R	HQ012666	Sense: CCAACTTCTACATCGCCAACC Antisense: ACATGAAGTCGCCCAGCA	Sn 29 As 142	114
GHRH-R	DQ340391	Sense: TCACCATCCTGGTTGCTCTC Antisense: GCAGCATCCTTCAGGAACAC	Sn 74 As 185	112
GHS-R	DQ340392	Sense: GTGTGGGTGTCCAGCATCTT Antisense: CACGGTTTGCTTGTGGTTCT	Sn 389 As 535	147
INS-R	DQ340393	Sense: ACGCTCTGGTGTCACTTTCCT Antisense: AGCTGCCTTAGGTTCTGGTTG	Sn 287 As 398	112
IGF-1R	DQ340394	Sense: GAGGAAGTGACGGGGACTAAA Antisense: GTGGTGGTGGAGGTGAAATG	Sn 139 As 251	113
PIT-1	DQ453815	Sense: TGGAGTGATGGCAGGTAGTTT Antisense: TTACTTTTCCGCCTGAGTTCC	Sn 54 As 200	147
sst1	EF639291	Sense: AGGTAGTAAACCTGGGGGTGTG Antisense: AGCACGTAGCACAGGCAGATAG	Sn 236 As 446	211
sst2	EF639292	Sense: TGGCATCAATCAGTTCACCA Antisense: TACCAAGCCCCAGATTCACC	Sn 159 As 407	249
sst5	EF639293	Sense: ACTTCTTCGTGGTCATCCTCT Antisense: AACCTTCTGGAAGCTCTGG	Sn 49 As 146	98
DR2	NM_016574	Sense: CGAGCATCCTGAACTTGTGTG Antisense: GCGTTATTGAGTCCGAAGAGG	Sn 594 As 765	172
CRH-R	NM_004382	Sense: TTTTCAACATCGTCCGCATC Antisense: GGGATTGACGAAGAACAGCA	Sn 1125 As 1267	143
Cyclophilin A	DQ315473	Sense: CAAGACGGAGTGGTTGGATG Antisense: TGGTGGTCTTCTTGCTGGTC	Sn 351 As 472	122