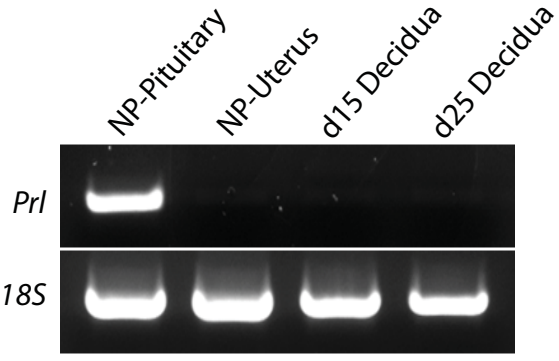
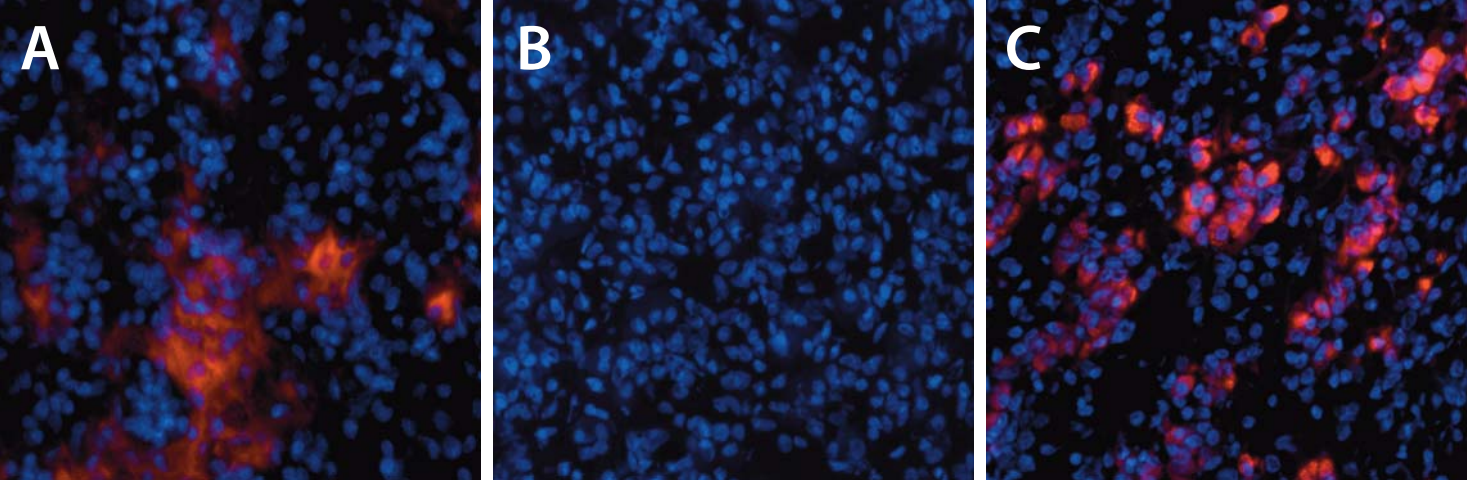
Suppl Fig. 1 Assessment of *Prl* mRNA expression in guinea pig decidual tissues. RT-PCR analysis for *Prl* mRNA in the pituitary gland and uterus of a cycling female guinea pig (NP) and in uterine decidual tissue on gestation d15 and d25. Note that *Prl* transcripts were not detected in d15 and d25 guinea pig decidua.

Suppl Fig. 2 Immunocytochemical localization of PRL and GH in the guinea pig anterior pituitary. ***A)*** Identification of PRL immunopositive cells within the anterior pituitary of the guinea pig using antibodies to porcine PRL. ***B)*** Demonstration of the specificity of the PRL immunoreactivity within the guinea pig anterior pituitary by competition with recombinant guinea pig PRL. ***C)*** Identification of GH immunopositive cells within the anterior pituitary of the guinea pig using antibodies to porcine GH. Immunoreactive cells were identified by incubation with TRITC conjugated secondary antibody. Tissues were counterstrained with DAPI.


NP-Pituitary
NP-Uterus
d15 Decidua
d25 Decidua
Prl
18S


A
B
C

Suppl Table 1. Guinea pig primer sequences.

GENE	FORWARD PRIMER	REVERSE PRIMER
Prl	F1: 5'-CCATTACATCCACAGCCTCT-3' F2: 5'-CTACTCTGTCTGGCTGGGAC-3' F3: 5'-CATTTAAAGAATTCACAGCCCATGTGTCCCAGT-3'	R1: 5'-GGAACTTGAGATAATTGTCGA-3' R2: 5'-CATGGCCTGGGTAAAAAACT-3' R3: 5'-GGAGAGGCTGTGGATGTAAT-3' R4: 5'-GGATCGCTTTATACCCTTACA-3' R5: 5'-GTTATATGTGGATCCTTAGCAGCTGCCATCATA 3'
Prlrp1	F1: 5'-GCTTCCCAGTCCAAATGTATT3' F2: 5'-GGCCTTCAAGACACAGACTAT-3' F3: 5'-GATTTCATTGATACTTTTCACCA-3' F4: 5'-CATTTAAAGAATTCACAGTCCAAATGTATTG-3'	R1: 5'-GGTGAAAAGTATCAATGAAAT-3' R2: 5'-GGAGGCTGTATGACAACTTT-3' R3: 5'-GTGAGGACGTGGATATTGTCA-3' R4: 5'-CATTTGGACTGGGAAGCTACA-3' R5: 5'-GTTATATGTGGATCCTTAGTTGTGTCTATCA-3'
Prlrp2	F1: 5'-CCTGATACTGCTCATGTCAA-3' F2: 5'-GTGGAAAATATTAGGAGAAGAA-3' F3: 5'-GACTTCCATTCCTGAGATCAT-3'	R1:-5'-CAGATGATCTCAGGAATGGAA-3' R2: 5'-CCTTGAACAGCTCTGAAGAGA-3' R3: 5'-GCTCGATCAAAAAGGTAAGGAA-3' R4: 5'-CTTGACATGAGCAGTATCAGGA-3'
Gh	5'-CAGTTCCCGAAACCAGTCAG-3'	5'- TATGATGCAGCTCAGTTTTA-3'
18S	5'-ATGCCAGAGTCTCGTTCGTT-3'	5'-CGCGGTTCTATTTTGTTGGT-3'

Suppl Table 2. GH sequence analysis.

Genus species	Common Name	Accession No.	Amino acids	Percent identity with *Cavia porcellus*
Cavia porcellus	Guinea pig	AAF36409	216	100
Canis familiaris	Dog	NP_001003168	216	89
Felis catus	Cat	NP_001009337	216	89
Sus scrofa	Pig	NP_999034	217	87
Equus cabalas	Horse	NP_001075417	216	87
Mesocricetus auratus	Golden hamster	AAB20368	216	87
Bos taurus	Cow	NP_851339	217	86
Rattus norvegicus	Rat	NP_001030020	216	85
Ovis aries	Sheep	NP_001009315	217	84
Mus musculus	Mouse	NP_032143	216	84
Monodelphis domestica	Opossum	NP_001028165	215	79
Gallus gallus	Chicken	NP_989690	216	71
Macaca mullata	Rhesus monkey	NP_000506	217	66
Homo sapiens	Human	NP_001036203	217	65
Xenopus laevis	African clawed frog	NP_001083848	214	59