

Supplementary Table 8. Significant genes with camel milk production traits

GENE	CHROM	TRAITS
NPY2R	2	Day_milk
RBM46	2	Day_milk
CXXC4	2	Day_milk, Morning_milk
GPRIN3	2	Day_milk, Morning_milk
LIMCH1	2	Day_milk, Morning_milk
NDST1	3	Day_milk, Morning_milk
SYNPO	3	Day_milk, Morning_milk
ACO1	4	Day_milk, Morning_milk
SMIM27	4	Day_milk, Morning_milk
PRRT1B	4	Day_milk
GPR39	5	Day_milk, Morning_milk
NCKAP5	5	Day_milk, Morning_milk
ACSL3	5	Day_milk, Morning_milk
TMC05A	6	Day_milk, Morning_milk
GLI3	7	Day_milk, Morning_milk
CHRM3	11	Day_milk, Morning_milk
FARP1	14	Day_milk, Morning_milk
RNF144A	15	Day_milk, Morning_milk
CRK	16	Day_milk, Morning_milk
YWHAE	16	Day_milk
DOC2B	16	Day_milk, Morning_milk
ITGA9	17	Day_milk, Morning_milk
KHDRBS2	20	Day_milk, Morning_milk
RUFY1	22	Day_milk, Morning_milk
MIB1	24	Day_milk, Morning_milk
RUNX1T1	25	Day_milk, Morning_milk
PCSK6	27	Day_milk, Morning_milk
TM2D3	27	Day_milk, Morning_milk
RBMS1	5	Ash, Protein
CACNA2D1	7	Ash, Lactose, Non-fat, Protein
SLC35F1	8	Ash, Density, Lactose, Non-fat, Protein
INPP5D	5	Density, Non-fat, Protein
COL23A1	22	Density
CLK4	22	Density
TPH2	12	Ash, Density, Lactose, Non-fat, Protein
PIANP	34	Lactose
HS6ST1	5	Fat
STXBP5	8	Fat
PRR5	12	Fat
MPP7	35	Fat
PDGFD	10	Protein
DYNC2H1	10	Protein