

Supplemental Table S2. Descriptive statistics of production-related traits, milk yield (MY), milk composition, SCS, and differential somatic cell count (DSCC)

Trait	n	Mean	SD	Minimum	Maximum	P1	P99
Production-related traits							
Parity order, n	421	3.13	1.82	1	8	1	8
DIM, d	421	166.80	103.58	5	482	13	470
MY, kg/milking	419	13.91	4.79	2.00	27.50	2.00	24.40
Milk composition							
Fat, %	421	3.63	0.88	0.26	8.85	1.78	6.36
Protein, %	421	3.48	0.35	2.42	4.65	2.74	4.25
Casein, %	421	2.75	0.29	1.86	3.69	2.12	3.36
Lactose, %	421	4.85	0.18	4.09	5.30	4.34	5.21
Urea, mg/dL	421	20.75	4.24	10.70	33.20	11.80	31.00
SCS	420	2.87	1.73	-1.06	11.08	-0.32	7.55
DSCC, %	421	64.27	14.90	0.00	93.30	29.10	91.20

P1 = 1st percentile; P99 = 99th percentile.