Table 1 Correlations among traits

Trait name and abbreviation		FAT	PROT	% F	% P	MR	SCS	HL	MSP	МТР	CA	DCA	DF	BCS	CONF	MS	F & L	DS	RP
Milk yield	MILK	46%	81%	-47%	-50%	-9%	3%	5%	-10%	6%	12%	1%	-25%	-13%	15%	12%	16%	16%	5%
Fat yield	FAT		64%	57%	17%	7%	19%	15%	0%	5%	15%	0%	-21%	-17%	22%	18%	22%	19%	9%
Protein yield	PROT			-12%	10%	-7%	7%	11%	-7%	6%	18%	2%	-21%	-10%	17%	15%	19%	14%	5%
Fat deviation	% F				63%	16%	16%	11%	9%	-1%	3%	0%	2%	-4%	9%	7%	7%	4%	4%
Protein deviation	% P					5%	6%	8%	5%	-1%	6%	2%	11%	8%	1%	3%	2%	-7%	-1%
Mastitis resistance	MR						79%	49%	-17%	-16%	9%	13%	19%	14%	19%	22%	13%	-3%	-1%
Somatic cell score	SCS							53%	-24%	-11%	16%	16%	13%	9%	25%	27%	18%	3%	4%
Herd life	HL								3%	5%	22%	43%	44%	22%	43%	46%	39%	-4%	18%
Milking speed	MSP									16%	-1%	-3%	-5%	-13%	9%	16%	-2%	-1%	-5%
Temperament	MTP										-6%	0%	2%	-3%	6%	3%	3%	7%	14%
Calving ability	CA											31%	11%	0%	-7%	2%	4%	-25%	-16%
Daughter calving ability	DCA												37%	9%	12%	11%	12%	-3%	11%
Daughter fertility	DF													25%	-10%	-5%	-7%	-26%	-1%
Body condition score	BCS														1%	4%	-1%	-11%	-1%
Conformation	CONF															88%	69%	65%	46%
Mammary system	MS																47%	36%	22%
Feet & legs	F&L																	36%	23%
Dairy strength	DS																		46%