SUPPLEMENTARY MATERIAL Houlahan et al.

Supplementary Table 2. Genetic (above) and phenotypic (below) correlations used for DMI_SD and RFI_SD scenarios

	FY	PY	BCS	STAT	AFS	FSTC	CK	DA	DMI	RFI
FY		0.64[1]	-0.23[1]	0.05[1]	-0.15[1]	0.30[1]	0.30[1]	0.13[1]	0.34	0.07
PY	0.79[1]		-0.21[1]	0.03[1]	-0.20[1]	0.37[1]	0.15[1]	0.13[1]	0.41	-0.07
BCS	-0.08[1]	-0.07[1]		0.07[1]	-0.02[1]	-0.03[1]	-0.05[1]	-0.05[1]	0.00	0.18
STAT	0.07[1]	0.11[1]	-0.04[1]		-0.10[1]	0.02[1]	0.00[1]	0.03[1]	-0.08	-0.01
AFS	0.00[1]	-0.01[1]	-0.12[1]	-0.45[1]		0.08[1]	0.01[1]	0.00[1]	-0.44	-0.17
FSTC	0.15[1]	0.18[1]	-0.25[1]	0.12[1]	-0.02[1]		0.02[1]	0.05[1]	0.10	0.26
CK	0.01[1]	-0.01[1]	-0.56[1]	0.05[1]	-0.08[1]	0.35[1]		0.21[1]	0.14	0.17
DA	-0.03[1]	-0.04[1]	-0.30[1]	0.24[1]	-0.02[1]	0.22[1]	0.61[1]		0.04	0.02
DMI	0.26	0.26	-0.02	0.22	-0.01	0.00	0.09	-0.02		
RFI	0.01	0.01	0.01	0.04	-0.01	0.01	-0.16	-0.10		

[1]Oliveira Jr. et al., 2021; FY = fat yield (kg), PY = protein yield (kg), BCS = body condition score (score), STAT = stature (cm), AFS = age at first service (days), FSTC = first service to conception, CK = clinical ketosis (case), DA = displaced abomasum (case), DMI = dry matter intake (kg/day), RFI = residual feed intake (kg/day)