



## Correlation between diarrhoea associated SNPs and pre-weaning growth rate in Landlly piglets

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Received: 14 February 2024; Accepted: 23 December 2024

Supplementary Table 1: Components of PCR reaction mixture

PCR component	Quantity
Forward primer (10 pm/μL)	: 1.0 μL
Reverse primer (10 pm/μL)	: 1.0 μL
10× buffer	: 2.5 μL
Nuclease free water	: 16.8 μL
dNTPs mix (10 mM)	: 0.5 μL
MgCl <sub>2</sub> (25 mM)	: 2 μL
Taq DNA Polymerase (5U/ μL)	: 0.2 μL
Genomic DNA (50 ng/μL)	: 1μL

Supplementary Table 2: Information regarding SNPs, Gene, Primer, Annealing temperature, Amplicon size and RE used for PCR-RFLP genotyping

SNP	Gene	Primer	At*(°C)	Amplicon size (bp)	RE
g. 8227 G>C	MUC 4	F: 5'-GTGCCTTGGGTGAGAGGTTA-3' R: 5'-CACTCTGCCGTTCTCTTTCC-3'	59	367	<i>XbaI</i>
g. 13383 C>T	MUC 4	F: 5'-GAAACATAGGATTAGGGTCTTGG-3' R: 5'-TGGATTGTGTCATTGGGCTC-3'	55	354	<i>MboI</i>
g. 101030382 T>C	MUC 4	F: 5'-CCCTCTTACAGAAGGCGCTT-3' R: 5'-CCTTCTGGACCTGACCTCCA-3'	58	386	<i>XbaI</i>
g. 22304 A>G	MUC 13	F: 5'-TGAGTGCCCCAGTGGTTTAC-3' R: 5'-ATCCTCCTGTAGCCAGGCA-3'	61	537	<i>BtsCI</i>
g. 22124 T>C	MUC 13	F: 5'-GATCGGTGTGATTATTATGG-3' R: 5'-AGAGCATGCTGGACCCAAAG-3'	59	492	<i>BtsIMutI</i>
g. 191 C>T	MUC 20	F: 5'-CGTGATAATCCAAGAGGCAAGTG-3' R: 5'-CAACAAGAAGTGAAGGACAGCACC-3'	63	175	<i>AluI</i>
g.107371 A>C	ACK 1	F: 5'-ACCCAGAGCGAGAAGTCCTG-3' R: 5'-GACTTCAAGCAAGGCCTAGGC-3'	58	454	<i>TaqI</i>
g. 93222 C>A	ACK 1	F: 5'-GGGACTTCCTCCACTAGCAA-3' R: 5'-GCTCAGCCTCCATTCCAAG-3'	58	692	<i>MspI</i>
g. 291 C>T	TFRC	F: 5'-TGTCTGCTATGGGATTATTGC-3' R: 5'-TCTGCTTCGAAAGTTTCTGTC-3'	60	667	<i>AluI</i>
307 G>A	FUT1	F: 5'-CCAACGCCTCCGATTCCTGT-3' R: 5'-GTGCATGGCAGGCTGGATGA-3'	60	161	<i>Hin6I</i>