

Q•select Test Report

Report Number: R-6198

Customer: O'Neill Angus Farm - Matt Hotz
3270 Reading Trail
Logan, Iowa 51546

Date Received: 28-May-18

Date Reported: 15-Jun-18

Test Requested: Q•select: (LEPTIN) (PMCH) (IGF2) (CRH)

Interpretation of Q•select Genotypes

Leptin genotype	■ ■ ■ CC ■ ■ ■ CT ■ ■ ■ TT	➔	Increasing genetic potential related to fat accumulation, milk production, cow longevity, weaning weight, carcass composition.
PMCH genotype	■ ■ ■ TT ■ ■ ■ AT ■ ■ ■ AA	➔	Increasing genetic potential related to fat deposition, tenderness, marbling, backfat.
IGF2 genotype	■ ■ ■ TT ■ ■ ■ CT ■ ■ ■ CC	➔	Increasing genetic potential related to lean growth, rib eye area.
CRH genotype	■ ■ ■ CC ■ ■ ■ CG ■ ■ ■ GG	➔	Increasing genetic potential related to stress response, hot carcass weight, rib eye area, docility.

Genotype Results for Requested Q•select Tests

Lab ID	Animal ID	Tattoo	LEPTIN	PMCH	IGF2	CRH
596-95190	O'Neils Poundmaker	17	TT	AA	CC	GG
596-95191	O'Neils Momentum	217	TT	AT	CC	GG

This report describes results of our analyses of the sample or samples of biological materials described herein above. Quantum Genetix Canada Inc. warrants that it has applied its best efforts to the determination of the presence and identity of either or both of two specific alleles from the bovine species pertaining to the test indicated, in DNA from the samples identified herein that were provided to us by you. Quantum Genetix Canada Inc. provides no other warranty or liability, expressed or implied, in respect to its services. In particular, but not so as to limit the generality of the foregoing, Quantum Genetix Canada Inc. does not warrant that any allele is or is not present in any sample or in any animal.

Results of analyses are predicated on the assumption that each sample was obtained from a single cattle beast and was provided to Quantum Genetix Canada Inc. free of biological material of any kind or amount derived from a source other than that same single cattle beast. Results of analyses are reported herein in association with sample designations provided by you. We assume no responsibility for correctly identifying a particular sample as the source of any sample.