

Table S1: List of reagents, sources and identifiers used in the study.

Reagent	Source	Identifier
5- and 6-chloromethyl-2 ,7- dichlorodihydrofluorescein diacetate acetyl ester (CM-H2DCFDA)	Molecular Probes	C6827
Anti-rabbit antibody conjugated with HRP	Dako	P0448
Bovine serum albumin (BSA)	Roche Diagnostics	1,0735E+10
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich	472301
Fluorescein-conjugated peanut agglutinin (PNA-FITC)	Sigma-Aldrich	L7381
Formaldehyde	Panreac	131328
GSTM3 antibody	Aviva Systems Biology	ARP53561_P050
GSTM3 blocking peptide	Aviva Systems Biology	AAP53561
GSTM3 ELISA kit	MyBioSource	MBS7260929
Hoechst 33342 (H-42)	Molecular Probes	H3570
Immobilion™ Western Detection Reagents	Millipore	WBULS0500
Merocyanine 540 (M540)	Molecular Probes	M24571
Propidium iodide (PI)	Molecular Probes	P3566
Protease inhibitor cocktail	Sigma-Aldrich	P8340
Sample Buffer Laemmli 2×	Sigma-Aldrich	S3401
Sodium chloride (NaCl)	Sigma-Aldrich	S9888
Sodium orthovanadate (NO)	Sigma-Aldrich	450243
Tert-Butyl hydroperoxide solution	Sigma-Aldrich	B2633
Tris(hydroxymethyl)-aminomethane (Tris)	Serva	37181.02
TWEEN® 20	Sigma-Aldrich	P1379
xTractor™ Buffer kit	Takara	635623
YO-PRO™-1 Iodide (YO-PRO-1)	Molecular Probes	Y3603

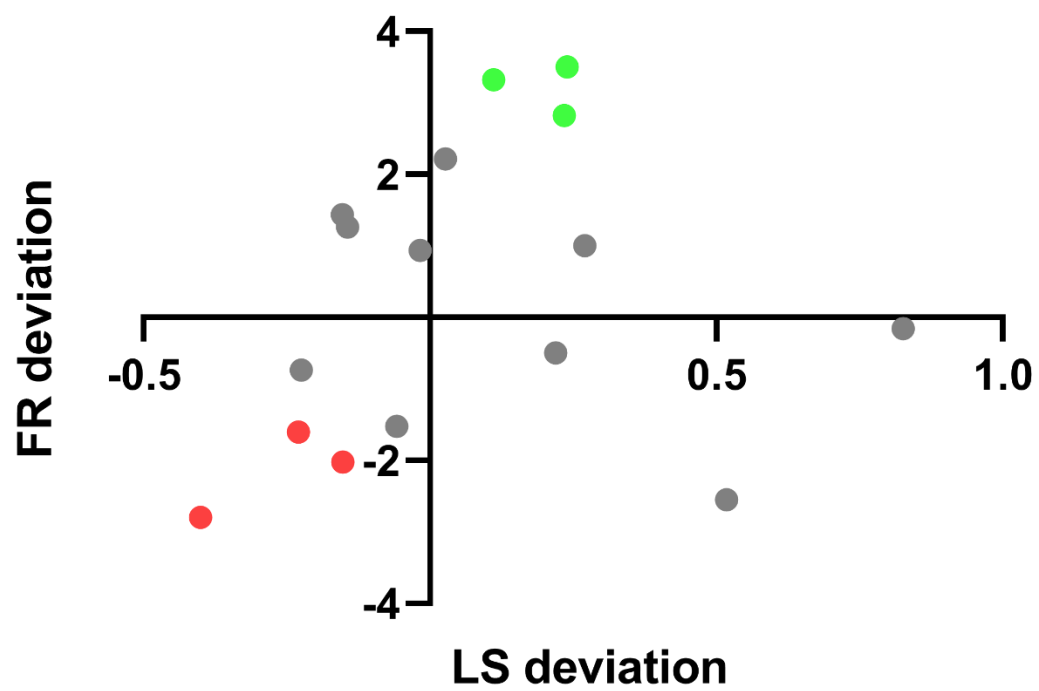


Figure S1 A dot plot of FR and LS deviation showing the selected individuals from the 16 AI-boars