

STØTTET AF

Mælkeafgiftsfonden

The effect of mendelian sampling

with cutoff year 2010 for JER protein 1st lactation

All bulls					Selected bulls				
Obs	aar	_TYPE_	_FREQ_	mendel_ p1	Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	73	-2.62471	1	2000	0	70	-2.74403
2	2001	0	64	-0.15501	2	2001	0	50	-0.92007
3	2002	0	68	-0.54224	3	2002	0	53	-2.07079
4	2003	0	70	-0.08885	4	2003	0	53	-1.36312
5	2004	0	66	-0.15787	5	2004	0	48	-1.06437
6	2005	0	61	0.80391	6	2005	0	45	-0.85853
7	2006	0	64	-0.50450	7	2006	0	49	-1.32393
8	2007	0	68	0.18693	8	2007	0	55	-0.53823
9	2008	0	92	-0.64239	9	2008	0	47	-0.62666
10	2009	0	188	-0.09085	10	2009	0	58	0.09443
11	2010	0	258	-0.46091	11	2010	0	73	-0.56324
12	2011	0	400	-0.51110	12	2011	0	75	0.20005
13	2012	0	434	-0.04052	13	2012	0	58	0.91734
14	2013	0	465	0.22128	14	2013	0	67	2.08119
15	2014	0	502	0.13700	15	2014	0	64	2.60487
16	2015	0	559	0.28380	16	2015	0	53	2.36136
17	2016	0	511	0.23633	17	2016	0	32	4.28834
18	2017	0	581	0.12489	18	2017	0	40	2.67571
19	2018	0	386	0.09840	19	2018	0	26	1.40113
20	2019	0	504	0.68586	20	2019	0	51	3.79688
21	2020	0	523	0.51113	21	2020	0	32	3.11598
22	2021	0	397	-0.36471	22	2021	0	21	1.51111
23	2022	0	2	-1.63480					

Genotyped females					Not genotyped females				
Obs	aar	_TYPE_	_FREQ_	mendel_ p1	Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	2	7.28618	1	2000	0	23504	-0.04673
2	2002	0	2	0.16876	2	2001	0	22019	-0.00228
3	2003	0	9	8.11434	3	2002	0	22233	-0.02010
4	2004	0	24	6.46376	4	2003	0	22076	-0.00218
5	2005	0	29	4.49058	5	2004	0	22202	-0.06213
6	2006	0	50	4.61978	6	2005	0	22087	0.00632
7	2007	0	90	2.83741	7	2006	0	23398	-0.01103
8	2008	0	138	1.79532	8	2007	0	23409	-0.04648
9	2009	0	217	0.69849	9	2008	0	24755	0.00752
10	2010	0	2319	0.47069	10	2009	0	26687	-0.01400
11	2011	0	4295	0.21042	11	2010	0	23114	-0.04659
12	2012	0	4940	0.19301	12	2011	0	22598	-0.03569
13	2013	0	3915	0.00143	13	2012	0	22781	-0.05839
14	2014	0	4912	0.03481	14	2013	0	21018	0.02735
15	2015	0	5901	0.06049	15	2014	0	21772	-0.02703
16	2016	0	7048	0.21060	16	2015	0	21144	-0.02600
17	2017	0	9084	0.11690	17	2016	0	19996	0.01191
18	2018	0	11454	0.14496	18	2017	0	18888	-0.04592
19	2019	0	14041	0.39735	19	2018	0	19577	-0.00608
20	2020	0	16854	0.29023	20	2019	0	15470	-0.00060
21	2021	0	12283	0.01987	21	2020	0	422	-0.16641
22	2022	0	40	-0.24302					

without cutoff for JER protein 1st lactation

All bulls

Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	73	-2.67913
2	2001	0	64	-0.37009
3	2002	0	68	-0.57097
4	2003	0	70	-0.08035
5	2004	0	66	0.45604
6	2005	0	61	0.92994
7	2006	0	64	-0.85464
8	2007	0	68	0.03082
9	2008	0	92	-1.39336
10	2009	0	188	-0.27955
11	2010	0	258	-0.24422
12	2011	0	400	0.57344
13	2012	0	434	1.00574
14	2013	0	465	1.02057
15	2014	0	502	1.02577
16	2015	0	559	1.37841
17	2016	0	511	1.03426
18	2017	0	581	0.80224
19	2018	0	386	0.73978
20	2019	0	504	1.20646
21	2020	0	523	0.94467
22	2021	0	397	-0.20541
23	2022	0	2	-1.92992

Selected bulls

Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	70	-3.00033
2	2001	0	50	-0.95664
3	2002	0	53	-1.99180
4	2003	0	53	-1.48712
5	2004	0	48	-1.28805
6	2005	0	45	-0.88486
7	2006	0	49	-1.25742
8	2007	0	55	-0.65312
9	2008	0	47	-0.79197
10	2009	0	58	0.10064
11	2010	0	73	-0.11659
12	2011	0	75	0.89163
13	2012	0	58	1.43966
14	2013	0	67	2.73459
15	2014	0	64	3.19292
16	2015	0	53	2.86937
17	2016	0	32	4.55748
18	2017	0	40	3.05535
19	2018	0	26	1.98594
20	2019	0	51	4.00878
21	2020	0	32	3.32015
22	2021	0	21	1.54470

Genotyped females

Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	2	6.84323
2	2002	0	2	-0.15255
3	2003	0	9	7.72192
4	2004	0	24	6.11717
5	2005	0	29	3.49429
6	2006	0	50	3.90693
7	2007	0	90	2.99887
8	2008	0	138	1.86608
9	2009	0	217	1.21065
10	2010	0	2319	1.87812
11	2011	0	4295	1.83677
12	2012	0	4940	1.74696
13	2013	0	3915	1.38686
14	2014	0	4912	1.50443
15	2015	0	5901	1.36612
16	2016	0	7048	1.24434
17	2017	0	9084	1.01373
18	2018	0	11454	0.95517
19	2019	0	14041	1.19386
20	2020	0	16854	0.88853
21	2021	0	12283	0.31977
22	2022	0	40	-0.06606

Not genotyped females

Obs	aar	_TYPE_	_FREQ_	mendel_ p1
1	2000	0	23504	-0.00112
2	2001	0	22019	0.05763
3	2002	0	22233	0.06083
4	2003	0	22076	0.09285
5	2004	0	22202	0.04827
6	2005	0	22087	0.14179
7	2006	0	23398	0.15369
8	2007	0	23409	0.14226
9	2008	0	24755	0.21858
10	2009	0	26687	0.22376
11	2010	0	23114	0.15601
12	2011	0	22598	0.17433
13	2012	0	22781	0.16792
14	2013	0	21018	0.26002
15	2014	0	21772	0.20323
16	2015	0	21144	0.17897
17	2016	0	19996	0.16476
18	2017	0	18888	0.05159
19	2018	0	19577	0.05898
20	2019	0	15470	0.03241
21	2020	0	422	-0.14641