

Online Resource 1

Article title: Genomic prediction of starch content and chipping quality in tetraploid potato using genotyping-by-sequencing

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List of clones in MASPOT population

The MASPOT project (2012-2017) is funded by The Danish Council for Strategic Research (Research grant # 11-116190). The MASPOT population consists of about 5000 offspring that were generated by systematic cross pollination of 18 distinct potato cultivars, either established varieties or advanced breeding clones. The offspring were grown and harvested in field trials at Vandel, Denmark in 2013 and again in 2014 in duplicates. The following is a list of 755 clones that were randomly chosen from the MASPOT population to use in the genomic selection study, along with names of the parents and phenotypic data for chipping quality and starch content. For each trait, there are two values: the average of the raw phenotypic data, and the average of corrected data. These were the 755 clones that remained after data processing due to missing genotype data.

Offspring	Mother	Father	Chipping quality [scale 1-9]		Starch content [%]	
			Raw average	Corrected	Raw average	Corrected
12-301-01	07-LJE-1	05-GQE-02	5	4.57	16.68	18.33
12-302-11	07-LJE-1	89-BJQ-4	7	6.57	22.15	23.83
12-302-13	07-LJE-1	89-BJQ-4	8	7.57	13.08	14.71
12-302-31	07-LJE-1	89-BJQ-4	7	6.57	16.3	17.96
12-302-36	07-LJE-1	89-BJQ-4	7	6.57	17.86	19.53
12-303-04	07-LJE-1	93-CAQ-14	4	3.57	15.18	16.83
12-303-10	07-LJE-1	93-CAQ-14	4	3.57	15.96	17.61
12-303-19	07-LJE-1	93-CAQ-14	6	5.57	18.44	20.13
12-303-28	07-LJE-1	93-CAQ-14	5	4.57	15.11	16.76
12-303-38	07-LJE-1	93-CAQ-14	7	6.57	20.94	22.63
12-303-41	07-LJE-1	93-CAQ-14	6	5.57	14.68	16.33
12-303-44	07-LJE-1	93-CAQ-14	6	5.57	19.11	20.78
12-303-53	07-LJE-1	93-CAQ-14	7	6.57	19.7	21.38
12-303-63	07-LJE-1	93-CAQ-14	8	7.57	18.19	19.86
12-303-67	07-LJE-1	93-CAQ-14	NA	NA	15.33	16.98
12-303-68	07-LJE-1	93-CAQ-14	8	7.57	18.76	20.43
12-304-06	07-LJE-1	96-BYM-8	5	4.57	14.5	16.16
12-304-18	07-LJE-1	96-BYM-8	5	4.57	14.36	16.01
12-304-20	07-LJE-1	96-BYM-8	6	5.57	12.35	13.98
12-304-25	07-LJE-1	96-BYM-8	6	5.57	11.1	12.73
12-304-26	07-LJE-1	96-BYM-8	4	3.57	14.71	16.4
12-304-29	07-LJE-1	96-BYM-8	7	6.57	12.19	13.83
12-304-35	07-LJE-1	96-BYM-8	4	3.57	12.49	14.13
12-304-37	07-LJE-1	96-BYM-8	5	4.57	12.15	13.78
12-304-42	07-LJE-1	96-BYM-8	5	4.57	15.53	17.18
12-304-48	07-LJE-1	96-BYM-8	4	3.57	15.18	16.83
12-304-55	07-LJE-1	96-BYM-8	8	7.57	20.99	22.68
12-304-68	07-LJE-1	96-BYM-8	7	6.57	14.93	16.58
12-305-06	07-LJE-1	Florice	NA	NA	10.21	11.9
12-305-10	07-LJE-1	Florice	4	3.57	16.91	18.58

12-305-15	07-LJE-1	Florice	5	4.57	14.36	16.01
12-305-34	07-LJE-1	Florice	7	6.57	16.37	18.03
12-306-05	07-LJE-1	Jutlandia	5	4.57	16.02	17.68
12-306-10	07-LJE-1	Jutlandia	4	3.57	15.01	16.66
12-306-31	07-LJE-1	Jutlandia	4	3.57	13.34	14.98
12-306-40	07-LJE-1	Jutlandia	4	3.57	12.45	14.08
12-306-43	07-LJE-1	Jutlandia	3	2.57	13.76	15.41
12-306-48	07-LJE-1	Jutlandia	6	5.57	18.16	19.83
12-306-66	07-LJE-1	Jutlandia	4	3.57	16.8	18.46
12-306-67	07-LJE-1	Jutlandia	4	3.57	15.56	17.21
12-306-68	07-LJE-1	Jutlandia	6	5.57	14.78	16.43
12-307-02	07-LJE-1	Rywal	7	6.57	16.05	17.71
12-307-03	07-LJE-1	Rywal	3	2.57	17.64	19.31
12-307-05	07-LJE-1	Rywal	4	3.57	15.83	17.48
12-307-07	07-LJE-1	Rywal	3	2.57	14.63	16.28
12-307-14	07-LJE-1	Rywal	4	3.57	17.52	19.18
12-307-15	07-LJE-1	Rywal	3	2.57	16.98	18.63
12-307-20	07-LJE-1	Rywal	7	6.57	19.08	20.76
12-307-27	07-LJE-1	Rywal	6	5.57	17.56	19.23
12-307-30	07-LJE-1	Rywal	8	7.57	18.54	20.21
12-307-36	07-LJE-1	Rywal	6	5.57	15.67	17.33
12-308-13	07-LJE-1	Sarpo_Mira	5	4.57	17.59	19.26
12-308-18	07-LJE-1	Sarpo_Mira	4	3.57	16.88	18.53
12-308-20	07-LJE-1	Sarpo_Mira	6	5.57	11.44	13.08
12-308-21	07-LJE-1	Sarpo_Mira	4	3.57	16.04	17.68
12-308-23	07-LJE-1	Sarpo_Mira	7	6.57	18.07	19.73
12-308-40	07-LJE-1	Sarpo_Mira	5	4.57	17.33	18.98
12-308-41	07-LJE-1	Sarpo_Mira	4	3.57	13.24	14.88
12-308-45	07-LJE-1	Sarpo_Mira	7	6.57	18.73	20.41
12-309-16	04-GIV-03	05-GQE-02	NA	NA	18.54	20.21
12-309-17	04-GIV-03	05-GQE-02	NA	NA	14.24	15.88
12-309-19	04-GIV-03	05-GQE-02	NA	NA	14.34	15.98
12-309-20	04-GIV-03	05-GQE-02	NA	NA	15.74	17.38
12-309-30	04-GIV-03	05-GQE-02	NA	NA	19.19	20.86
12-309-76	04-GIV-03	05-GQE-02	NA	NA	18.32	19.98
12-310-05	04-GIV-03	89-BJQ-4	NA	NA	19.82	21.48
12-311-08	04-GIV-03	93-CAQ-14	NA	NA	14.68	16.33
12-311-10	04-GIV-03	93-CAQ-14	NA	NA	16.22	17.88
12-311-19	04-GIV-03	93-CAQ-14	NA	NA	16.23	17.88
12-311-20	04-GIV-03	93-CAQ-14	NA	NA	13.84	15.48
12-311-26	04-GIV-03	93-CAQ-14	NA	NA	15.27	16.93
12-311-28	04-GIV-03	93-CAQ-14	NA	NA	11.27	12.91
12-311-43	04-GIV-03	93-CAQ-14	NA	NA	18.42	20.08

12-312-08	04-GIV-03	96-BYM-8	NA	NA	16.85	18.51
12-312-16	04-GIV-03	96-BYM-8	NA	NA	15.39	17.03
12-312-28	04-GIV-03	96-BYM-8	NA	NA	16.17	17.83
12-312-29	04-GIV-03	96-BYM-8	NA	NA	15.36	17.01
12-312-39	04-GIV-03	96-BYM-8	NA	NA	14.99	16.63
12-312-41	04-GIV-03	96-BYM-8	NA	NA	12.79	14.43
12-312-53	04-GIV-03	96-BYM-8	NA	NA	14.34	15.98
12-312-55	04-GIV-03	96-BYM-8	NA	NA	15.98	17.63
12-312-60	04-GIV-03	96-BYM-8	NA	NA	14.83	16.48
12-312-65	04-GIV-03	96-BYM-8	NA	NA	6.7	8.4
12-313-08	04-GIV-03	Desiree	NA	NA	18.32	19.98
12-313-23	04-GIV-03	Desiree	NA	NA	15.11	16.76
12-313-25	04-GIV-03	Desiree	NA	NA	18.02	19.68
12-313-27	04-GIV-03	Desiree	NA	NA	16.38	18.03
12-313-51	04-GIV-03	Desiree	NA	NA	16.9	18.56
12-313-59	04-GIV-03	Desiree	NA	NA	16.82	18.48
12-313-75	04-GIV-03	Desiree	4	3.57	16.74	18.41
12-313-76	04-GIV-03	Desiree	3	2.57	15.48	17.13
12-313-79	04-GIV-03	Desiree	3	2.57	15.63	17.28
12-314-21	04-GIV-03	Florice	NA	NA	16.57	18.23
12-314-54	04-GIV-03	Florice	NA	NA	13.98	15.63
12-314-65	04-GIV-03	Florice	NA	NA	15.53	17.18
12-314-67	04-GIV-03	Florice	NA	NA	13.54	15.18
12-314-70	04-GIV-03	Florice	NA	NA	15.08	16.73
12-314-76	04-GIV-03	Florice	NA	NA	15.28	16.93
12-314-84	04-GIV-03	Florice	NA	NA	15.03	16.68
12-315-09	04-GIV-03	Rywal	4	3.57	17.02	18.68
12-315-16	04-GIV-03	Rywal	3	2.57	16.7	18.36
12-315-47	04-GIV-03	Rywal	3	2.57	15.03	16.68
12-315-60	04-GIV-03	Rywal	4	3.57	17.05	18.71
12-315-63	04-GIV-03	Rywal	6	5.57	17.49	19.16
12-315-66	04-GIV-03	Rywal	7	6.57	16.6	18.26
12-315-74	04-GIV-03	Rywal	5	4.57	17.62	19.28
12-315-75	04-GIV-03	Rywal	3	2.57	15.7	17.36
12-315-79	04-GIV-03	Rywal	5	4.57	14.53	16.18
12-316-07	04-GIV-03	Sarpo_Mira	5	4.57	16.52	18.18
12-316-11	04-GIV-03	Sarpo_Mira	8	7.57	16.9	18.56
12-316-17	04-GIV-03	Sarpo_Mira	7	6.57	20.23	21.91
12-316-29	04-GIV-03	Sarpo_Mira	6	5.57	13.62	15.26
12-316-39	04-GIV-03	Sarpo_Mira	6	5.57	17.67	19.33
12-316-67	04-GIV-03	Sarpo_Mira	8	7.57	17.59	19.26
12-317-09	05-GQE-02	96-BYM-8	NA	NA	10.61	12.23
12-317-14	05-GQE-02	96-BYM-8	NA	NA	11.35	12.98

12-317-17	05-GQE-02	96-BYM-8	2	1.57	10.15	11.78
12-317-26	05-GQE-02	96-BYM-8	2	1.57	8.96	10.58
12-317-28	05-GQE-02	96-BYM-8	2	1.57	10.19	11.81
12-317-37	05-GQE-02	96-BYM-8	3	2.57	11.84	13.48
12-319-18	07-LIX-5	89-BJQ-4	6	5.57	18.04	19.71
12-319-30	07-LIX-5	89-BJQ-4	5	4.57	16.05	17.71
12-319-36	07-LIX-5	89-BJQ-4	8	7.57	16.62	18.28
12-319-43	07-LIX-5	89-BJQ-4	5	4.57	14.56	16.21
12-319-44	07-LIX-5	89-BJQ-4	4	3.57	16.27	17.93
12-319-48	07-LIX-5	89-BJQ-4	4	3.57	17.12	18.78
12-319-49	07-LIX-5	89-BJQ-4	4	3.57	15.75	17.41
12-319-54	07-LIX-5	89-BJQ-4	7	6.57	19.65	21.33
12-319-58	07-LIX-5	89-BJQ-4	5	4.57	15.22	16.88
12-320-01	07-LIX-5	93-CAQ-14	6	5.57	16.59	18.26
12-320-04	07-LIX-5	93-CAQ-14	NA	NA	14.62	16.33
12-320-11	07-LIX-5	93-CAQ-14	3	2.57	15.8	17.46
12-320-23	07-LIX-5	93-CAQ-14	7	6.57	15.8	17.46
12-320-24	07-LIX-5	93-CAQ-14	3	2.57	11.42	13.06
12-320-34	07-LIX-5	93-CAQ-14	3	2.57	14.65	16.31
12-320-40	07-LIX-5	93-CAQ-14	3	2.57	14.73	16.38
12-320-45	07-LIX-5	93-CAQ-14	2	1.57	12.1	13.73
12-320-53	07-LIX-5	93-CAQ-14	4	3.57	10.46	12.08
12-320-54	07-LIX-5	93-CAQ-14	6	5.57	17.56	19.23
12-321-05	07-LIX-5	Florice	4	3.57	13.74	15.38
12-322-03	07-LIX-5	Rywal	5	4.57	15.03	16.68
12-322-06	07-LIX-5	Rywal	3	2.57	14.06	15.71
12-322-10	07-LIX-5	Rywal	4	3.57	15.23	16.88
12-322-12	07-LIX-5	Rywal	3	2.57	9.89	11.51
12-322-13	07-LIX-5	Rywal	4	3.57	13.79	15.43
12-322-22	07-LIX-5	Rywal	4	3.57	15.08	16.73
12-322-32	07-LIX-5	Rywal	3	2.57	14.36	16.01
12-322-39	07-LIX-5	Rywal	3	2.57	14.71	16.36
12-322-45	07-LIX-5	Rywal	6	5.57	14.13	15.78
12-322-48	07-LIX-5	Rywal	5	4.57	14.8	16.46
12-322-52	07-LIX-5	Rywal	3	2.57	14.63	16.28
12-322-54	07-LIX-5	Rywal	4	3.57	14.51	16.16
12-323-06	89-BJQ-4	05-GQE-02	NA	NA	15.28	16.93
12-323-13	89-BJQ-4	05-GQE-02	6	5.57	11.87	13.51
12-323-17	89-BJQ-4	05-GQE-02	5	4.57	17.63	19.28
12-323-18	89-BJQ-4	05-GQE-02	5	4.57	16.1	17.76
12-323-29	89-BJQ-4	05-GQE-02	8	7.57	18.41	20.08
12-324-07	89-BJQ-4	93-CAQ-14	7	6.57	16.53	18.21
12-324-09	89-BJQ-4	93-CAQ-14	4	3.57	17.37	19.03

12-324-13	89-BJQ-4	93-CAQ-14	5	4.57	17.19	18.86
12-324-14	89-BJQ-4	93-CAQ-14	2	1.57	15.72	17.38
12-325-13	89-BJQ-4	Florice	NA	NA	15.22	16.88
12-325-16	89-BJQ-4	Florice	NA	NA	15.7	17.36
12-325-20	89-BJQ-4	Florice	NA	NA	14.69	16.36
12-325-30	89-BJQ-4	Florice	NA	NA	13.72	15.36
12-325-39	89-BJQ-4	Florice	NA	NA	17.09	18.76
12-325-40	89-BJQ-4	Florice	NA	NA	17.04	18.71
12-326-01	89-BJQ-4	Sarpo_Mira	NA	NA	17.02	18.68
12-326-07	89-BJQ-4	Sarpo_Mira	NA	NA	15.54	17.18
12-326-13	89-BJQ-4	Sarpo_Mira	NA	NA	16.92	18.63
12-326-18	89-BJQ-4	Sarpo_Mira	NA	NA	17.29	18.96
12-326-19	89-BJQ-4	Sarpo_Mira	NA	NA	14.25	15.88
12-326-20	89-BJQ-4	Sarpo_Mira	NA	NA	19.02	20.68
12-327-10	93-CAQ-14	05-GQE-02	NA	NA	14.03	15.68
12-327-13	93-CAQ-14	05-GQE-02	NA	NA	13.04	14.68
12-327-16	93-CAQ-14	05-GQE-02	3	2.57	12.94	14.58
12-327-20	93-CAQ-14	05-GQE-02	4	3.57	15.01	16.66
12-328-12	93-CAQ-14	Sarpo_Mira	NA	NA	18.52	24.78
12-328-19	93-CAQ-14	Sarpo_Mira	NA	NA	13.11	14.76
12-329-17	96-BYM-8	04-GIV-03	NA	NA	13.23	14.88
12-329-22	96-BYM-8	04-GIV-03	NA	NA	10.4	12.03
12-329-34	96-BYM-8	04-GIV-03	4	3.57	10.88	12.53
12-329-40	96-BYM-8	04-GIV-03	3	2.57	11.13	12.78
12-330-09	96-BYM-8	07-LIX-5	NA	NA	8.21	9.83
12-330-22	96-BYM-8	07-LIX-5	NA	NA	11.99	13.63
12-330-41	96-BYM-8	07-LIX-5	NA	NA	9.43	11.06
12-330-43	96-BYM-8	07-LIX-5	NA	NA	7.72	9.33
12-330-52	96-BYM-8	07-LIX-5	NA	NA	5.55	7.18
12-331-06	96-BYM-8	89-BJQ-4	4	3.57	14.56	16.21
12-331-07	96-BYM-8	89-BJQ-4	3	2.57	11	12.63
12-331-14	96-BYM-8	89-BJQ-4	4	3.57	12.48	14.13
12-331-17	96-BYM-8	89-BJQ-4	4	3.57	9.99	11.63
12-331-20	96-BYM-8	89-BJQ-4	5	4.57	11.33	12.96
12-332-01	96-BYM-8	93-CAQ-14	5	4.57	11.44	13.08
12-332-04	96-BYM-8	93-CAQ-14	4	3.57	14.43	16.08
12-332-16	96-BYM-8	93-CAQ-14	3	2.57	10.28	11.91
12-332-19	96-BYM-8	93-CAQ-14	3	2.57	11.63	13.26
12-333-04	96-BYM-8	Aventra	NA	NA	7.71	9.33
12-333-11	96-BYM-8	Aventra	3	2.57	10.37	12.01
12-333-13	96-BYM-8	Aventra	NA	NA	11.22	12.88
12-333-14	96-BYM-8	Aventra	5	4.57	10.54	12.18
12-333-27	96-BYM-8	Aventra	4	3.57	5.88	14.67

12-333-39	96-BYM-8	Aventra	3	2.57	10.87	12.51
12-333-41	96-BYM-8	Aventra	NA	NA	17.56	19.28
12-333-43	96-BYM-8	Aventra	3	2.57	9.6	11.23
12-334-07	96-BYM-8	Jutlandia	3	2.57	10.19	11.83
12-334-13	96-BYM-8	Jutlandia	3	2.57	10	11.63
12-334-20	96-BYM-8	Jutlandia	4	3.57	11.94	13.58
12-335-01	96-BYM-8	Rywal	3	2.57	9.96	11.58
12-335-02	96-BYM-8	Rywal	3	2.57	11.9	13.53
12-335-04	96-BYM-8	Rywal	3	2.57	10.34	11.96
12-335-09	96-BYM-8	Rywal	NA	NA	11.2	12.83
12-335-12	96-BYM-8	Rywal	NA	NA	12.15	13.78
12-335-14	96-BYM-8	Rywal	NA	NA	12.89	14.53
12-335-20	96-BYM-8	Rywal	4	3.57	10.43	12.06
12-336-10	Agria	04-GIV-03	3	2.57	14.3	15.93
12-336-18	Agria	04-GIV-03	NA	NA	12.65	14.28
12-336-30	Agria	04-GIV-03	5	4.57	14.74	16.38
12-336-43	Agria	04-GIV-03	2	1.57	16.43	18.08
12-336-58	Agria	04-GIV-03	7	6.57	14.29	15.93
12-336-68	Agria	04-GIV-03	4	3.57	12.98	14.61
12-336-70	Agria	04-GIV-03	3	2.57	15.32	16.96
12-336-72	Agria	04-GIV-03	4	3.57	12.05	13.68
12-336-74	Agria	04-GIV-03	4	3.57	15.83	17.48
12-336-75	Agria	04-GIV-03	3	2.57	14.43	16.08
12-336-76	Agria	04-GIV-03	5	4.57	17.27	18.93
12-336-77	Agria	04-GIV-03	4	3.57	17.39	19.06
12-338-10	Agria	07-LIX-5	3	2.57	14.86	16.51
12-338-15	Agria	07-LIX-5	3	2.57	13.83	15.48
12-338-20	Agria	07-LIX-5	5	4.57	14.83	16.48
12-338-23	Agria	07-LIX-5	4	3.57	15.8	17.46
12-338-26	Agria	07-LIX-5	NA	NA	13.63	15.28
12-338-34	Agria	07-LIX-5	NA	NA	14.79	16.43
12-338-35	Agria	07-LIX-5	NA	NA	13.69	15.33
12-339-01	Agria	89-BJQ-4	NA	NA	17.42	19.08
12-339-12	Agria	89-BJQ-4	NA	NA	13.24	14.88
12-339-17	Agria	89-BJQ-4	NA	NA	15.1	16.76
12-339-35	Agria	89-BJQ-4	5	4.57	11.98	13.61
12-339-40	Agria	89-BJQ-4	3	2.57	15.77	17.43
12-339-45	Agria	89-BJQ-4	4	3.57	15.23	16.88
12-340-04	Agria	93-CAQ-14	2	1.57	8.64	10.26
12-340-05	Agria	93-CAQ-14	2	1.57	9.03	10.66
12-340-12	Agria	93-CAQ-14	2	1.57	10.82	12.43
12-340-13	Agria	93-CAQ-14	4	3.57	13.29	14.93
12-340-15	Agria	93-CAQ-14	4	3.57	10.42	12.06

12-341-04	Agria	96-BYM-8	4	3.57	12.74	14.38
12-341-05	Agria	96-BYM-8	2	1.57	12.37	14.01
12-341-09	Agria	96-BYM-8	3	2.57	11.64	13.28
12-341-15	Agria	96-BYM-8	3	2.57	10.51	12.13
12-341-18	Agria	96-BYM-8	4	3.57	10.48	12.11
12-341-19	Agria	96-BYM-8	3	2.57	11.99	13.63
12-341-20	Agria	96-BYM-8	NA	NA	11.19	12.83
12-341-24	Agria	96-BYM-8	NA	NA	11.85	13.48
12-342-03	Agria	Aventra	NA	NA	14.27	15.93
12-342-16	Agria	Aventra	NA	NA	13.67	15.33
12-342-25	Agria	Aventra	NA	NA	14.89	16.53
12-343-11	Agria	Desiree	NA	NA	13.57	15.21
12-343-20	Agria	Desiree	NA	NA	11.62	13.26
12-343-21	Agria	Desiree	NA	NA	14.33	15.98
12-344-13	Agria	Florice	NA	NA	13.62	15.26
12-344-17	Agria	Florice	NA	NA	14.02	15.66
12-344-19	Agria	Florice	NA	NA	11.8	13.43
12-344-23	Agria	Florice	NA	NA	11.99	13.63
12-344-28	Agria	Florice	NA	NA	8.96	10.58
12-344-29	Agria	Florice	NA	NA	8.78	10.38
12-344-32	Agria	Florice	NA	NA	10.31	11.93
12-344-35	Agria	Florice	NA	NA	11.22	12.86
12-344-41	Agria	Florice	NA	NA	13.81	15.46
12-345-01	Agria	Jutlandia	NA	NA	12.9	14.53
12-345-09	Agria	Jutlandia	NA	NA	12.17	13.81
12-345-13	Agria	Jutlandia	NA	NA	14.1	15.76
12-345-18	Agria	Jutlandia	NA	NA	11.24	12.86
12-345-24	Agria	Jutlandia	NA	NA	14.14	15.78
12-345-30	Agria	Jutlandia	5	4.57	12.62	14.26
12-345-34	Agria	Jutlandia	5	4.57	15.86	17.51
12-345-43	Agria	Jutlandia	3	2.57	13.98	15.63
12-345-45	Agria	Jutlandia	NA	NA	12.84	14.48
12-346-16	Agria	Rywal	6	5.57	12.14	13.78
12-346-18	Agria	Rywal	4	3.57	13.81	15.46
12-346-32	Agria	Rywal	3	2.57	11.65	13.28
12-346-37	Agria	Rywal	6	5.57	14.18	15.83
12-347-04	Agria	Sarpo_Mira	6	5.57	14.75	16.41
12-347-15	Agria	Sarpo_Mira	5	4.57	14.32	15.96
12-347-29	Agria	Sarpo_Mira	6	5.57	15.77	17.43
12-347-32	Agria	Sarpo_Mira	6	5.57	11.08	12.71
12-347-37	Agria	Sarpo_Mira	4	3.57	15.06	16.71
12-347-40	Agria	Sarpo_Mira	7	6.57	12.91	14.56
12-348-11	Aventra	04-GIV-03	3	2.57	19	20.68

12-348-18	Aventra	04-GIV-03	NA	NA	19.09	20.76
12-348-30	Aventra	04-GIV-03	NA	NA	15.06	16.71
12-348-49	Aventra	04-GIV-03	NA	NA	22.12	23.81
12-349-05	Aventra	05-GQE-02	4	3.57	18.37	20.03
12-349-15	Aventra	05-GQE-02	5	4.57	17.21	18.88
12-349-22	Aventra	05-GQE-02	3	2.57	15.18	16.83
12-349-24	Aventra	05-GQE-02	3	2.57	16.33	17.98
12-349-40	Aventra	05-GQE-02	4	3.57	13.92	15.56
12-350-01	Aventra	89-BJQ-4	NA	NA	20	21.68
12-350-02	Aventra	89-BJQ-4	NA	NA	17.72	19.38
12-350-07	Aventra	89-BJQ-4	NA	NA	17.93	19.58
12-350-12	Aventra	89-BJQ-4	NA	NA	14.16	15.81
12-350-26	Aventra	89-BJQ-4	NA	NA	17.37	19.03
12-350-34	Aventra	89-BJQ-4	NA	NA	17.03	18.68
12-350-38	Aventra	89-BJQ-4	NA	NA	19.53	21.21
12-351-02	Aventra	93-CAQ-14	NA	NA	14.79	16.43
12-351-04	Aventra	93-CAQ-14	NA	NA	13.64	15.28
12-351-09	Aventra	93-CAQ-14	NA	NA	16.96	18.63
12-351-14	Aventra	93-CAQ-14	NA	NA	15.45	17.11
12-351-16	Aventra	93-CAQ-14	NA	NA	17.22	18.88
12-351-31	Aventra	93-CAQ-14	4	3.57	15.9	17.56
12-351-33	Aventra	93-CAQ-14	3	2.57	14.14	15.78
12-352-01	Aventra	Desiree	3	2.57	13.72	15.36
12-352-06	Aventra	Desiree	5	4.57	16.37	18.03
12-352-17	Aventra	Desiree	3	2.57	13.89	15.53
12-352-19	Aventra	Desiree	3	2.57	14.14	15.78
12-352-29	Aventra	Desiree	4	3.57	16.57	18.23
12-352-43	Aventra	Desiree	3	2.57	13.39	15.03
12-352-44	Aventra	Desiree	4	3.57	15.78	17.43
12-353-16	Aventra	Florice	4	3.57	10.31	11.93
12-353-24	Aventra	Florice	1	0.57	15.15	16.81
12-354-05	Aventra	Rywal	3	2.57	17.93	19.61
12-354-08	Aventra	Rywal	5	4.57	17.19	18.86
12-354-09	Aventra	Rywal	5	4.57	15.34	17.01
12-354-17	Aventra	Rywal	NA	NA	13.99	15.63
12-354-27	Aventra	Rywal	NA	NA	16.97	18.63
12-354-38	Aventra	Rywal	NA	NA	17.64	19.31
12-354-41	Aventra	Rywal	NA	NA	16.45	18.11
12-354-42	Aventra	Rywal	NA	NA	15.75	17.41
12-355-19	Aventra	Sarpo_Mira	NA	NA	15.53	17.18
12-355-27	Aventra	Sarpo_Mira	NA	NA	17.89	19.56
12-355-37	Aventra	Sarpo_Mira	NA	NA	16.82	18.48
12-355-38	Aventra	Sarpo_Mira	NA	NA	17.69	19.36

12-355-45	Aventra	Sarpo_Mira	NA	NA	16.87	18.53
12-356-13	Desiree	05-GQE-02	NA	NA	15.25	16.91
12-356-14	Desiree	05-GQE-02	NA	NA	11.25	12.88
12-356-19	Desiree	05-GQE-02	NA	NA	12.3	13.93
12-356-22	Desiree	05-GQE-02	NA	NA	12.77	14.41
12-356-34	Desiree	05-GQE-02	NA	NA	15.61	17.26
12-356-38	Desiree	05-GQE-02	NA	NA	15.47	17.13
12-357-15	Desiree	89-BJQ-4	4	3.57	18.38	20.06
12-357-19	Desiree	89-BJQ-4	4	3.57	16.55	18.21
12-357-23	Desiree	89-BJQ-4	5	4.57	13.38	15.03
12-357-35	Desiree	89-BJQ-4	4	3.57	14.16	15.81
12-357-36	Desiree	89-BJQ-4	4	3.57	13.82	15.48
12-357-42	Desiree	89-BJQ-4	5	4.57	16.49	18.16
12-358-07	Desiree	93-CAQ-14	NA	NA	15.12	16.78
12-358-09	Desiree	93-CAQ-14	3	2.57	11.95	13.58
12-358-10	Desiree	93-CAQ-14	3	2.57	8.75	10.38
12-358-14	Desiree	93-CAQ-14	3	2.57	11.8	13.43
12-358-22	Desiree	93-CAQ-14	NA	NA	13.42	15.06
12-358-25	Desiree	93-CAQ-14	NA	NA	14.83	16.48
12-359-07	Desiree	96-BYM-8	NA	NA	16.15	17.81
12-359-12	Desiree	96-BYM-8	NA	NA	11.78	13.41
12-359-16	Desiree	96-BYM-8	NA	NA	10.81	12.43
12-359-30	Desiree	96-BYM-8	NA	NA	10.98	12.61
12-360-02	Desiree	Florice	NA	NA	12.19	13.83
12-360-04	Desiree	Florice	NA	NA	12.81	14.48
12-360-11	Desiree	Florice	NA	NA	11.47	13.11
12-360-16	Desiree	Florice	NA	NA	11.67	13.31
12-360-19	Desiree	Florice	NA	NA	10.91	12.53
12-361-07	Desiree	Jutlandia	4	3.57	11.97	13.61
12-361-13	Desiree	Jutlandia	NA	NA	13.99	15.63
12-361-36	Desiree	Jutlandia	NA	NA	14.69	16.33
12-362-02	Desiree	Rywal	NA	NA	11.94	13.58
12-362-03	Desiree	Rywal	NA	NA	14.93	16.58
12-362-27	Desiree	Rywal	NA	NA	13.47	15.11
12-362-31	Desiree	Rywal	NA	NA	12.89	14.53
12-362-32	Desiree	Rywal	NA	NA	15.03	16.68
12-362-45	Desiree	Rywal	NA	NA	14.88	16.53
12-363-10	Desiree	Sarpo_Mira	NA	NA	14.53	16.18
12-363-17	Desiree	Sarpo_Mira	NA	NA	15.18	16.83
12-363-30	Desiree	Sarpo_Mira	NA	NA	16.21	17.88
12-365-04	Florice	93-CAQ-14	NA	NA	13.23	14.88
12-365-05	Florice	93-CAQ-14	NA	NA	15.62	17.28
12-365-11	Florice	93-CAQ-14	NA	NA	12.92	14.56

12-365-33	Florice	93-CAQ-14	NA	NA	9.81	11.43
12-365-34	Florice	93-CAQ-14	NA	NA	11.72	13.36
12-365-36	Florice	93-CAQ-14	NA	NA	14.51	16.16
12-365-38	Florice	93-CAQ-14	NA	NA	11.03	12.68
12-365-45	Florice	93-CAQ-14	3	2.57	10.05	11.68
12-366-03	Florice	96-BYM-8	4	3.57	10.3	11.93
12-366-05	Florice	96-BYM-8	3	2.57	11.53	13.18
12-366-07	Florice	96-BYM-8	5	4.57	19.49	21.18
12-366-10	Florice	96-BYM-8	5	4.57	11.24	12.88
12-366-12	Florice	96-BYM-8	2	1.57	8.09	9.71
12-366-19	Florice	96-BYM-8	4	3.57	12.3	13.93
12-366-27	Florice	96-BYM-8	4	3.57	8.89	10.51
12-366-31	Florice	96-BYM-8	3	2.57	11.1	12.73
12-367-04	Florice	Rywal	3	2.57	12.25	13.88
12-367-05	Florice	Rywal	2	1.57	14.36	16.01
12-367-06	Florice	Rywal	3	2.57	11.22	12.86
12-367-08	Florice	Rywal	4	3.57	14.92	16.58
12-368-03	Jutlandia	04-GIV-03	4	3.57	18.09	19.76
12-368-07	Jutlandia	04-GIV-03	4	3.57	17.64	19.31
12-368-27	Jutlandia	04-GIV-03	6	5.57	15.65	17.31
12-368-29	Jutlandia	04-GIV-03	6	5.57	16.4	18.06
12-369-10	Jutlandia	05-GQE-02	2	1.57	10.71	12.33
12-369-17	Jutlandia	05-GQE-02	2	1.57	11.03	12.66
12-369-24	Jutlandia	05-GQE-02	3	2.57	13.36	15.01
12-369-25	Jutlandia	05-GQE-02	4	3.57	12.02	13.66
12-369-26	Jutlandia	05-GQE-02	3	2.57	12.94	14.58
12-369-39	Jutlandia	05-GQE-02	4	3.57	12.78	14.43
12-370-03	Jutlandia	89-BJQ-4	4	3.57	15.33	16.98
12-370-06	Jutlandia	89-BJQ-4	8	7.57	14.34	15.98
12-370-17	Jutlandia	89-BJQ-4	7	6.57	16.64	18.31
12-370-26	Jutlandia	89-BJQ-4	7	6.57	17.52	19.18
12-370-27	Jutlandia	89-BJQ-4	8	7.57	15.45	17.11
12-370-38	Jutlandia	89-BJQ-4	4	3.57	13.88	15.53
12-371-04	Jutlandia	93-CAQ-14	3	2.57	13.21	14.86
12-371-05	Jutlandia	93-CAQ-14	2	1.57	11.94	13.58
12-371-09	Jutlandia	93-CAQ-14	2	1.57	11.35	12.98
12-371-10	Jutlandia	93-CAQ-14	3	2.57	13.31	14.96
12-371-11	Jutlandia	93-CAQ-14	3	2.57	12.2	13.83
12-371-12	Jutlandia	93-CAQ-14	4	3.57	12.37	14.01
12-371-17	Jutlandia	93-CAQ-14	4	3.57	16.54	18.21
12-371-20	Jutlandia	93-CAQ-14	4	3.57	14.28	15.93
12-371-24	Jutlandia	93-CAQ-14	3	2.57	13.11	14.76
12-371-30	Jutlandia	93-CAQ-14	3	2.57	13.68	15.33

12-372-08	Jutlandia	Aventra	5	4.57	17.37	19.03
12-372-14	Jutlandia	Aventra	3	2.57	16.19	17.86
12-372-18	Jutlandia	Aventra	4	3.57	14.13	15.78
12-372-29	Jutlandia	Aventra	5	4.57	16.57	18.23
12-372-33	Jutlandia	Aventra	2	1.57	13.74	15.38
12-372-35	Jutlandia	Aventra	2	1.57	13.96	15.61
12-372-43	Jutlandia	Aventra	5	4.57	16.72	18.38
12-373-11	Jutlandia	Florice	3	2.57	12.27	13.91
12-373-18	Jutlandia	Florice	4	3.57	13.79	15.48
12-373-22	Jutlandia	Florice	3	2.57	9.2	10.83
12-373-24	Jutlandia	Florice	4	3.57	12.07	13.71
12-373-28	Jutlandia	Florice	NA	NA	15.65	17.33
12-373-33	Jutlandia	Florice	4	3.57	13.53	15.18
12-373-35	Jutlandia	Florice	3	2.57	11.54	13.18
12-373-43	Jutlandia	Florice	3	2.57	13.38	15.03
12-375-42	Kuras	04-GIV-03	5	4.57	19.73	21.41
12-375-77	Kuras	04-GIV-03	4	3.57	17.55	19.21
12-376-06	Kuras	05-GQE-02	3	2.57	17.39	19.06
12-376-16	Kuras	05-GQE-02	4	3.57	17.27	18.93
12-376-20	Kuras	05-GQE-02	4	3.57	15.14	16.78
12-376-21	Kuras	05-GQE-02	3	2.57	14.01	15.66
12-376-39	Kuras	05-GQE-02	4	3.57	14.69	16.33
12-376-40	Kuras	05-GQE-02	6	5.57	16.13	17.78
12-376-45	Kuras	05-GQE-02	4	3.57	14.19	15.83
12-377-09	Kuras	89-BJQ-4	6	5.57	16.69	18.36
12-377-17	Kuras	89-BJQ-4	4	3.57	15.77	17.43
12-377-19	Kuras	89-BJQ-4	8	7.57	19.95	21.63
12-377-22	Kuras	89-BJQ-4	4	3.57	16.89	18.56
12-377-25	Kuras	89-BJQ-4	7	6.57	18.21	19.88
12-377-27	Kuras	89-BJQ-4	7	6.57	19.41	21.08
12-377-34	Kuras	89-BJQ-4	6	5.57	18.69	20.36
12-377-36	Kuras	89-BJQ-4	6	5.57	17.29	18.96
12-377-40	Kuras	89-BJQ-4	4	3.57	18.83	20.51
12-377-44	Kuras	89-BJQ-4	5	4.57	20.88	22.56
12-378-01	Kuras	93-CAQ-14	5	4.57	16.3	17.96
12-378-06	Kuras	93-CAQ-14	3	2.57	13.31	14.96
12-378-12	Kuras	93-CAQ-14	4	3.57	14.75	16.41
12-378-18	Kuras	93-CAQ-14	3	2.57	14.55	16.21
12-378-26	Kuras	93-CAQ-14	2	1.57	16.32	17.98
12-378-35	Kuras	93-CAQ-14	4	3.57	16.42	18.08
12-378-37	Kuras	93-CAQ-14	5	4.57	15.78	17.43
12-378-38	Kuras	93-CAQ-14	4	3.57	17.15	18.81
12-378-39	Kuras	93-CAQ-14	3	2.57	11.85	13.48

12-378-45	Kuras	93-CAQ-14	5	4.57	15.38	17.03
12-379-04	Kuras	96-BYM-8	4	3.57	14.04	15.68
12-379-05	Kuras	96-BYM-8	3	2.57	12.86	14.51
12-379-06	Kuras	96-BYM-8	2	1.57	12.96	14.61
12-379-09	Kuras	96-BYM-8	4	3.57	13.44	15.08
12-379-26	Kuras	96-BYM-8	3	2.57	13.23	14.88
12-379-27	Kuras	96-BYM-8	4	3.57	14.56	16.21
12-379-28	Kuras	96-BYM-8	4	3.57	14.36	16.01
12-379-39	Kuras	96-BYM-8	3	2.57	13.21	14.86
12-379-40	Kuras	96-BYM-8	4	3.57	12.16	13.78
12-380-01	Kuras	Aventra	3	2.57	18.19	19.86
12-380-10	Kuras	Aventra	4	3.57	18.76	20.43
12-380-11	Kuras	Aventra	4	3.57	17.76	19.43
12-380-29	Kuras	Aventra	5	4.57	15.77	17.43
12-380-41	Kuras	Aventra	6	5.57	19.01	20.68
12-381-05	Kuras	Desiree	4	3.57	14.65	16.31
12-381-06	Kuras	Desiree	3	2.57	16.33	17.98
12-381-07	Kuras	Desiree	5	4.57	15.93	17.58
12-381-18	Kuras	Desiree	4	3.57	14.59	16.23
12-381-23	Kuras	Desiree	3	2.57	15.73	17.38
12-381-25	Kuras	Desiree	4	3.57	17.74	19.41
12-381-26	Kuras	Desiree	3	2.57	13.88	15.53
12-381-29	Kuras	Desiree	4	3.57	13.86	15.51
12-381-42	Kuras	Desiree	4	3.57	14.76	16.41
12-382-01	Kuras	Florice	3	2.57	15.68	17.33
12-382-07	Kuras	Florice	5	4.57	13.04	14.68
12-382-08	Kuras	Florice	3	2.57	14.78	16.43
12-382-16	Kuras	Florice	2	1.57	15.13	16.78
12-382-18	Kuras	Florice	3	2.57	11.95	13.58
12-382-36	Kuras	Florice	4	3.57	13.54	15.18
12-383-01	Kuras	Jutlandia	5	4.57	13.46	15.11
12-383-03	Kuras	Jutlandia	4	3.57	14.98	16.63
12-383-05	Kuras	Jutlandia	3	2.57	14.26	15.91
12-383-15	Kuras	Jutlandia	4	3.57	13.79	15.43
12-383-20	Kuras	Jutlandia	6	5.57	14.51	16.16
12-383-24	Kuras	Jutlandia	4	3.57	14.48	16.13
12-384-09	Kuras	Rywal	5	4.57	16.05	17.71
12-384-10	Kuras	Rywal	5	4.57	16.87	18.53
12-384-13	Kuras	Rywal	3	2.57	15.01	16.66
12-384-27	Kuras	Rywal	3	2.57	14.48	16.13
12-384-42	Kuras	Rywal	3	2.57	13.54	15.18
12-384-44	Kuras	Rywal	4	3.57	16.45	18.11
12-384-45	Kuras	Rywal	5	4.57	16.45	18.11

12-385-02	Kuras	Sarpo_Mira	6	5.57	16.7	18.36
12-385-04	Kuras	Sarpo_Mira	6	5.57	16.5	18.16
12-385-13	Kuras	Sarpo_Mira	5	4.57	15.39	17.03
12-385-17	Kuras	Sarpo_Mira	6	5.57	14.98	16.63
12-385-20	Kuras	Sarpo_Mira	4	3.57	16.87	18.53
12-385-32	Kuras	Sarpo_Mira	8	7.57	16.72	18.38
12-385-35	Kuras	Sarpo_Mira	4	3.57	16.63	18.28
12-385-37	Kuras	Sarpo_Mira	6	5.57	16.6	18.26
12-385-44	Kuras	Sarpo_Mira	4	3.57	15.58	17.23
12-386-13	Rywal	04-GIV-03	7	6.57	13.93	15.58
12-386-63	Rywal	04-GIV-03	4	3.57	14.9	16.56
12-386-78	Rywal	04-GIV-03	3	2.57	17.67	19.33
12-386-82	Rywal	04-GIV-03	4	3.57	13.04	14.68
12-387-12	Rywal	05-GQE-02	3	2.57	14.86	16.51
12-387-21	Rywal	05-GQE-02	5	4.57	15.28	16.93
12-387-32	Rywal	05-GQE-02	5	4.57	13.29	14.93
12-387-39	Rywal	05-GQE-02	4	3.57	16.05	17.71
12-387-41	Rywal	05-GQE-02	4	3.57	13.22	14.86
12-387-42	Rywal	05-GQE-02	4	3.57	19.09	20.78
12-388-05	Rywal	89-BJQ-4	4	3.57	14.99	16.63
12-388-13	Rywal	89-BJQ-4	7	6.57	19.6	21.28
12-388-14	Rywal	89-BJQ-4	5	4.57	16.35	18.01
12-388-19	Rywal	89-BJQ-4	6	5.57	16.3	17.96
12-389-13	Rywal	93-CAQ-14	3	2.57	16.12	17.78
12-389-15	Rywal	93-CAQ-14	3	2.57	14.21	15.86
12-389-23	Rywal	93-CAQ-14	4	3.57	17.36	19.03
12-390-07	Rywal	Jutlandia	4	3.57	14.65	16.31
12-390-16	Rywal	Jutlandia	3	2.57	11.67	13.31
12-390-20	Rywal	Jutlandia	7	6.57	15.22	16.88
12-391-08	Sarpo_Mira	05-GQE-02	6	5.57	12.99	14.63
12-391-14	Sarpo_Mira	05-GQE-02	5	4.57	15.16	16.81
12-391-22	Sarpo_Mira	05-GQE-02	3	2.57	12.27	13.91
12-391-33	Sarpo_Mira	05-GQE-02	3	2.57	13.09	14.73
12-391-38	Sarpo_Mira	05-GQE-02	3	2.57	11.87	13.51
12-391-41	Sarpo_Mira	05-GQE-02	8	7.57	11.85	13.48
12-391-42	Sarpo_Mira	05-GQE-02	3	2.57	13.44	15.08
12-392-02	Sarpo_Mira	96-BYM-8	5	4.57	10.45	12.08
12-392-11	Sarpo_Mira	96-BYM-8	7	6.57	12.97	14.61
12-392-22	Sarpo_Mira	96-BYM-8	5	4.57	14.81	16.46
12-392-37	Sarpo_Mira	96-BYM-8	4	3.57	7.26	8.88
12-393-30	Sarpo_Mira	Florice	5	4.57	14.67	16.33
12-393-35	Sarpo_Mira	Florice	2	1.57	12.87	14.51
12-394-08	Sarpo_Mira	Jutlandia	3	2.57	12.7	14.33

12-394-10	Sarpo_Mira	Jutlandia	4	3.57	16.22	17.88
12-394-11	Sarpo_Mira	Jutlandia	4	3.57	15.13	16.78
12-394-21	Sarpo_Mira	Jutlandia	4	3.57	16.25	17.91
12-394-22	Sarpo_Mira	Jutlandia	4	3.57	11.85	13.48
12-394-27	Sarpo_Mira	Jutlandia	NA	NA	19.71	21.43
12-394-30	Sarpo_Mira	Jutlandia	4	3.57	10.88	12.51
12-394-34	Sarpo_Mira	Jutlandia	4	3.57	13.67	15.31
12-394-40	Sarpo_Mira	Jutlandia	5	4.57	13.63	15.28
12-394-42	Sarpo_Mira	Jutlandia	5	4.57	14.14	15.78
12-395-20	Sarpo_Mira	Rywal	3	2.57	14.09	15.73
12-395-39	Sarpo_Mira	Rywal	7	6.57	15.93	17.58
12-395-44	Sarpo_Mira	Rywal	4	3.57	13.44	15.08
12-396-04	Shepody	05-GQE-02	5	4.57	13.42	15.06
12-396-06	Shepody	05-GQE-02	3	2.57	16.13	17.78
12-396-23	Shepody	05-GQE-02	3	2.57	11.46	13.08
12-396-28	Shepody	05-GQE-02	4	3.57	13.54	15.18
12-396-35	Shepody	05-GQE-02	3	2.57	13	14.63
12-398-01	Shepody	89-BJQ-4	4	3.57	17.72	19.38
12-398-02	Shepody	89-BJQ-4	3	2.57	13.79	15.43
12-398-06	Shepody	89-BJQ-4	3	2.57	15.16	16.81
12-398-10	Shepody	89-BJQ-4	4	3.57	11.76	13.38
12-398-17	Shepody	89-BJQ-4	4	3.57	10.33	11.93
12-398-20	Shepody	89-BJQ-4	4	3.57	16.22	17.88
12-398-25	Shepody	89-BJQ-4	6	5.57	18.13	19.81
12-398-26	Shepody	89-BJQ-4	4	3.57	14.68	16.33
12-398-38	Shepody	89-BJQ-4	4	3.57	16.03	17.68
12-398-43	Shepody	89-BJQ-4	3	2.57	15.83	17.48
12-398-44	Shepody	89-BJQ-4	5	4.57	16.13	17.78
12-399-03	Shepody	93-CAQ-14	3	2.57	12.26	13.91
12-399-11	Shepody	93-CAQ-14	4	3.57	12.84	14.48
12-399-23	Shepody	93-CAQ-14	7	6.57	14.51	16.16
12-399-26	Shepody	93-CAQ-14	4	3.57	10.68	12.31
12-399-28	Shepody	93-CAQ-14	4	3.57	14.02	15.68
12-399-35	Shepody	93-CAQ-14	4	3.57	13.88	15.53
12-399-37	Shepody	93-CAQ-14	5	4.57	14.73	16.38
12-399-39	Shepody	93-CAQ-14	5	4.57	14.91	16.56
12-400-21	Shepody	96-BYM-8	NA	NA	9.96	11.58
12-400-28	Shepody	96-BYM-8	NA	NA	13.19	14.83
12-400-31	Shepody	96-BYM-8	NA	NA	9.01	10.63
12-401-02	Shepody	Florice	NA	NA	9.6	11.17
12-401-07	Shepody	Florice	NA	NA	11.51	13.13
12-401-14	Shepody	Florice	NA	NA	11.5	13.13
12-401-22	Shepody	Florice	NA	NA	11.82	13.46

12-401-37	Shepody	Florice	NA	NA	10.48	12.11
12-402-01	Shepody	Jutlandia	NA	NA	13.43	15.08
12-402-09	Shepody	Jutlandia	NA	NA	13.74	15.38
12-402-35	Shepody	Jutlandia	NA	NA	14.41	16.06
12-402-40	Shepody	Jutlandia	NA	NA	12.99	14.63
12-404-06	Shepody	Rywal	4	3.57	13.91	15.56
12-404-07	Shepody	Rywal	4	3.57	14.53	16.18
12-404-12	Shepody	Rywal	3	2.57	12.14	13.78
12-404-27	Shepody	Rywal	4	3.57	14.84	16.48
12-404-37	Shepody	Rywal	6	5.57	14.11	15.76
12-404-40	Shepody	Rywal	4	3.57	16.75	18.43
12-406-14	Shepody	Sarpo_Mira	4	3.57	15.46	17.11
12-406-16	Shepody	Sarpo_Mira	7	6.57	21.81	23.53
12-407-02	Spunta	05-GQE-02	5	4.57	13.19	14.83
12-407-13	Spunta	05-GQE-02	NA	NA	16.61	18.28
12-407-14	Spunta	05-GQE-02	7	6.57	12.4	14.03
12-407-16	Spunta	05-GQE-02	5	4.57	11.58	13.21
12-407-23	Spunta	05-GQE-02	NA	NA	11.55	13.18
12-407-24	Spunta	05-GQE-02	NA	NA	13.05	14.68
12-407-25	Spunta	05-GQE-02	3	2.57	12.6	14.23
12-407-30	Spunta	05-GQE-02	2	1.57	9.51	11.13
12-407-33	Spunta	05-GQE-02	4	3.57	11.85	13.48
12-407-42	Spunta	05-GQE-02	4	3.57	14.86	16.51
12-408-01	Spunta	89-BJQ-4	5	4.57	13.14	14.78
12-408-06	Spunta	89-BJQ-4	6	5.57	13.34	14.98
12-408-07	Spunta	89-BJQ-4	6	5.57	14.74	16.38
12-408-09	Spunta	89-BJQ-4	7	6.57	12.94	14.58
12-408-19	Spunta	89-BJQ-4	3	2.57	13.94	15.58
12-408-24	Spunta	89-BJQ-4	3	2.57	13.66	15.31
12-408-27	Spunta	89-BJQ-4	4	3.57	15.73	17.38
12-408-36	Spunta	89-BJQ-4	5	4.57	16.57	18.23
12-408-43	Spunta	89-BJQ-4	5	4.57	15.04	16.68
12-409-23	Spunta	93-CAQ-14	3	2.57	9.93	11.56
12-409-29	Spunta	93-CAQ-14	3	2.57	9.97	11.63
12-409-34	Spunta	93-CAQ-14	5	4.57	13.66	15.31
12-410-10	Spunta	96-BYM-8	4	3.57	11.05	12.68
12-410-20	Spunta	96-BYM-8	3	2.57	10.33	11.96
12-410-27	Spunta	96-BYM-8	4	3.57	9.02	10.63
12-410-28	Spunta	96-BYM-8	4	3.57	11.02	12.66
12-410-37	Spunta	96-BYM-8	3	2.57	10.13	11.76
12-410-38	Spunta	96-BYM-8	3	2.57	9.93	11.56
12-411-01	Spunta	Aventra	2	1.57	13.51	15.16
12-411-08	Spunta	Aventra	3	2.57	14.98	16.63

12-411-14	Spunta	Aventra	3	2.57	15.63	17.28
12-411-18	Spunta	Aventra	4	3.57	17.49	19.16
12-411-32	Spunta	Aventra	4	3.57	16.84	18.51
12-412-13	Spunta	Desiree	NA	NA	12.09	13.73
12-412-17	Spunta	Desiree	NA	NA	13.17	14.81
12-412-23	Spunta	Desiree	NA	NA	13.16	14.81
12-412-42	Spunta	Desiree	3	2.57	11.03	12.66
12-412-45	Spunta	Desiree	2	1.57	10.43	12.06
12-413-06	Spunta	Florice	3	2.57	11.09	12.73
12-413-09	Spunta	Florice	NA	NA	13.01	14.66
12-413-10	Spunta	Florice	NA	NA	12.69	14.33
12-413-12	Spunta	Florice	4	3.57	12.99	14.63
12-413-13	Spunta	Florice	NA	NA	10.18	11.81
12-413-14	Spunta	Florice	6	5.57	12.46	14.11
12-413-16	Spunta	Florice	7	6.57	11.32	12.96
12-413-18	Spunta	Florice	2	1.57	4.91	6.53
12-414-03	Spunta	Jutlandia	4	3.57	10.72	12.36
12-414-09	Spunta	Jutlandia	4	3.57	11.05	12.68
12-414-19	Spunta	Jutlandia	3	2.57	12.25	13.88
12-414-26	Spunta	Jutlandia	NA	NA	12.88	14.53
12-414-30	Spunta	Jutlandia	4	3.57	14.19	15.83
12-414-37	Spunta	Jutlandia	3	2.57	10.62	12.26
12-414-38	Spunta	Jutlandia	7	6.57	13.83	15.48
12-415-01	Spunta	Rywal	5	4.57	13.84	15.48
12-415-02	Spunta	Rywal	3	2.57	14.09	15.73
12-415-03	Spunta	Rywal	7	6.57	15.93	17.58
12-415-07	Spunta	Rywal	3	2.57	11.3	12.93
12-415-08	Spunta	Rywal	4	3.57	14.04	15.68
12-415-09	Spunta	Rywal	NA	NA	14.91	16.6
12-415-11	Spunta	Rywal	3	2.57	11.54	13.18
12-415-14	Spunta	Rywal	4	3.57	14.92	16.58
12-415-15	Spunta	Rywal	5	4.57	11.62	13.26
12-415-22	Spunta	Rywal	4	3.57	12.45	14.08
12-415-34	Spunta	Rywal	5	4.57	13.19	14.83
12-415-36	Spunta	Rywal	3	2.57	11.68	13.31
12-415-44	Spunta	Rywal	4	3.57	16.02	17.68
12-416-22	Spunta	Sarpo_Mira	3	2.57	11.98	13.61
12-416-23	Spunta	Sarpo_Mira	4	3.57	9.15	10.76
12-416-33	Spunta	Sarpo_Mira	3	2.57	11.23	12.86
12-416-36	Spunta	Sarpo_Mira	2	1.57	10.46	12.08
12-416-44	Spunta	Sarpo_Mira	4	3.57	13.96	15.61
12-417-05	Spunta	Isle_of_Jura	4	3.57	13.51	15.16
12-417-10	Spunta	Isle_of_Jura	3	2.57	10.79	12.41

12-417-12	Spunta	Isle_of_Jura	3	2.57	14.98	16.63
12-417-16	Spunta	Isle_of_Jura	4	3.57	11	12.63
12-417-17	Spunta	Isle_of_Jura	3	2.57	11.58	13.21
12-417-19	Spunta	Isle_of_Jura	3	2.57	11.93	13.56
12-417-22	Spunta	Isle_of_Jura	3	2.57	10.58	12.21
12-417-23	Spunta	Isle_of_Jura	4	3.57	11.99	13.63
12-417-31	Spunta	Isle_of_Jura	3	2.57	11.75	13.38
12-417-33	Spunta	Isle_of_Jura	4	3.57	11.05	12.68
12-417-39	Spunta	Isle_of_Jura	5	4.57	12.21	13.83
12-418-06	Isle_of_Jura	05-GQE-02	3	2.57	12.4	14.03
12-418-19	Isle_of_Jura	05-GQE-02	4	3.57	15.15	16.81
12-418-22	Isle_of_Jura	05-GQE-02	4	3.57	12.15	13.78
12-418-23	Isle_of_Jura	05-GQE-02	5	4.57	10.71	12.33
12-418-39	Isle_of_Jura	05-GQE-02	4	3.57	15.31	16.96
12-418-43	Isle_of_Jura	05-GQE-02	2	1.57	12.59	14.23
12-418-45	Isle_of_Jura	05-GQE-02	3	2.57	9.9	11.51
12-419-04	Isle_of_Jura	89-BJQ-4	NA	NA	13.38	15.03
12-419-07	Isle_of_Jura	89-BJQ-4	NA	NA	14.47	16.11
12-419-08	Isle_of_Jura	89-BJQ-4	NA	NA	18.09	19.76
12-419-19	Isle_of_Jura	89-BJQ-4	NA	NA	17.05	18.71
12-419-24	Isle_of_Jura	89-BJQ-4	3	2.57	13.34	14.98
12-419-31	Isle_of_Jura	89-BJQ-4	NA	NA	15.75	17.41
12-419-32	Isle_of_Jura	89-BJQ-4	NA	NA	16.86	18.51
12-419-39	Isle_of_Jura	89-BJQ-4	NA	NA	18.12	19.81
12-419-40	Isle_of_Jura	89-BJQ-4	NA	NA	14.66	16.31
12-419-44	Isle_of_Jura	89-BJQ-4	NA	NA	15.45	17.11
12-420-01	Isle_of_Jura	93-CAQ-14	NA	NA	10.15	11.78
12-420-02	Isle_of_Jura	93-CAQ-14	NA	NA	12.94	14.58
12-420-16	Isle_of_Jura	93-CAQ-14	NA	NA	12.59	14.23
12-420-19	Isle_of_Jura	93-CAQ-14	NA	NA	10.69	12.33
12-420-32	Isle_of_Jura	93-CAQ-14	1	0.57	9.71	11.33
12-420-35	Isle_of_Jura	93-CAQ-14	5	4.57	16.06	17.73
12-420-38	Isle_of_Jura	93-CAQ-14	3	2.57	14.29	15.93
12-421-09	Isle_of_Jura	96-BYM-8	4	3.57	13.74	15.38
12-421-11	Isle_of_Jura	96-BYM-8	3	2.57	10.19	11.81
12-421-14	Isle_of_Jura	96-BYM-8	4	3.57	9.98	11.61
12-421-20	Isle_of_Jura	96-BYM-8	3	2.57	8.26	9.88
12-421-21	Isle_of_Jura	96-BYM-8	7	6.57	9.59	11.21
12-421-26	Isle_of_Jura	96-BYM-8	3	2.57	10.36	11.98
12-421-41	Isle_of_Jura	96-BYM-8	4	3.57	12.04	13.68
12-421-44	Isle_of_Jura	96-BYM-8	3	2.57	10.91	12.53
12-423-08	Isle_of_Jura	Desiree	4	3.57	13.99	15.63
12-423-12	Isle_of_Jura	Desiree	6	5.57	13.98	15.63

12-423-25	Isle_of_Jura	Desiree	4	3.57	15.75	17.41
12-423-32	Isle_of_Jura	Desiree	3	2.57	12.56	14.21
12-423-33	Isle_of_Jura	Desiree	3	2.57	11.56	13.18
12-423-39	Isle_of_Jura	Desiree	2	1.57	9.15	10.78
12-424-07	Isle_of_Jura	Florice	NA	NA	11.1	12.73
12-424-11	Isle_of_Jura	Florice	NA	NA	12.34	13.98
12-424-14	Isle_of_Jura	Florice	NA	NA	14.95	16.61
12-424-18	Isle_of_Jura	Florice	NA	NA	13.59	15.23
12-424-21	Isle_of_Jura	Florice	NA	NA	13.04	14.68
12-424-23	Isle_of_Jura	Florice	NA	NA	11.25	12.88
12-424-25	Isle_of_Jura	Florice	NA	NA	11.28	12.91
12-424-28	Isle_of_Jura	Florice	NA	NA	13.04	14.68
12-424-33	Isle_of_Jura	Florice	NA	NA	11.62	13.26
12-424-35	Isle_of_Jura	Florice	NA	NA	12.24	13.88
12-424-36	Isle_of_Jura	Florice	NA	NA	13.48	15.13
12-424-41	Isle_of_Jura	Florice	NA	NA	10.43	12.06
12-424-42	Isle_of_Jura	Florice	NA	NA	9.1	10.73
12-424-43	Isle_of_Jura	Florice	NA	NA	8.78	10.38
12-425-07	Isle_of_Jura	Jutlandia	4	3.57	11.89	13.53
12-425-29	Isle_of_Jura	Jutlandia	NA	NA	12.04	13.68
12-425-36	Isle_of_Jura	Jutlandia	NA	NA	14.26	15.91
12-425-38	Isle_of_Jura	Jutlandia	NA	NA	14.97	16.63
12-425-42	Isle_of_Jura	Jutlandia	NA	NA	11.73	13.36
12-425-43	Isle_of_Jura	Jutlandia	NA	NA	12.02	13.66
12-426-02	Isle_of_Jura	Rywal	NA	NA	13.29	14.93
12-426-07	Isle_of_Jura	Rywal	NA	NA	13.04	14.68
12-426-14	Isle_of_Jura	Rywal	NA	NA	14.27	15.91
12-426-20	Isle_of_Jura	Rywal	NA	NA	11.65	13.28
12-426-23	Isle_of_Jura	Rywal	NA	NA	13.59	15.23
12-426-24	Isle_of_Jura	Rywal	NA	NA	12.85	14.48
12-426-28	Isle_of_Jura	Rywal	NA	NA	14.24	15.88
12-426-33	Isle_of_Jura	Rywal	NA	NA	16.35	18.01
12-426-41	Isle_of_Jura	Rywal	NA	NA	6.49	8.08
12-428-12	07-LJE-1	Aventra	NA	NA	13.91	15.56
12-428-21	07-LJE-1	Aventra	NA	NA	20.21	21.88
12-428-22	07-LJE-1	Aventra	6	5.57	17.61	19.28
12-428-27	07-LJE-1	Aventra	6	5.57	14.09	15.73