

Estimated Breeding Values for Crossbred HF bulls – Based on data from SAG CBHF PT Project**Trait: 305 Day Milk Yield****Species: Cattle****Breed: HF crossbred****Date of estimation: 29 December 2023**

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
1	SAG-JIGAR	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2001	172	1730	430.48	95.45	N
2	SAG-HFS-46	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2003	211	2139	121.29	95.38	Y
3	SAG-HFG-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-05-2008	191	1962	-145.68	95.10	N
4	SAG-HFS-134	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-05-2008	168	1697	397.30	94.71	Y
5	SAG-HFS-117	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-08-2006	183	1854	147.97	94.62	Y
6	SAG-HFS-121	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-03-2007	159	1629	414.15	94.47	Y
7	SAG-HFS-108	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2005	162	1650	602.81	94.45	Y
8	SAG-HFG-12	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2007	169	1721	47.20	94.31	N
9	SAG-HFG-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-06-2010	172	1771	286.83	94.16	Y
10	SAG-HFS-143	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-10-2009	171	1664	-373.79	94.15	Y
11	SAG-HFK-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2009	163	1656	73.72	94.05	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
12	SAG-HFG-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-07-2008	158	1606	353.15	93.95	Y
13	SAG-HFK-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2008	154	1526	-0.72	93.92	Y
14	SAG-HFS-83	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2003	140	1400	729.59	93.65	Y
15	ABC-CB-434	ANIMAL BREEDING CENTRE, SALON	30-01-2009	150	1523	-5.36	93.63	Y
16	SAG-HFS-95	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-05-2005	143	1418	792.43	93.61	Y
17	SAG-HFS-70	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	141	1457	293.01	93.47	Y
18	SAG-HFG-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2007	143	1449	115.42	93.45	Y
19	SAG-HFS-80	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-06-2004	143	1404	332.22	93.36	Y
20	SAG-HFS-119	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2006	119	1203	-69.52	93.29	Y
21	SAG-HFK-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-12-2005	142	1420	-103.10	93.28	Y
22	SAG-HFS-124	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2005	140	1449	180.65	93.15	Y
23	SAG-HFS-606	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-03-2012	144	1426	376.95	93.14	Y
24	SAG-HFG-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2011	137	1366	313.68	93.12	Y
25	SAG-HFS-66	SABARMATI ASHRAM	19-09-2003	121	1218	472.19	93.11	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ						
26	SAG-HFS-151	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-03-2011	132	1323	393.34	93.05	Y
27	SAG-HFG-16	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-12-2008	135	1388	582.61	93.04	Y
28	SAG-HFS-123	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2006	138	1428	312.12	92.99	Y
29	SAG-HFK-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-09-2004	134	1347	480.23	92.92	Y
30	SAG-HX-10005	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-05-2013	135	1356	304.37	92.92	Y
31	DUR-CBHF-211	PASHU SANVARDHAN KENDRA, JAGUDAN	27-10-2010	135	1307	-105.70	92.89	Y
32	SAG-HFS-120	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-09-2006	125	1263	974.58	92.87	Y
33	ABC-CB-353	ANIMAL BREEDING CENTRE, SALON	04-04-2006	127	1278	-53.25	92.83	Y
34	SAG-HFG-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	131	1334	-73.40	92.81	Y
35	DSU-CBHF-13	DAMA SEMEN PRODUCTION UNIT	25-08-2010	132	1309	-150.71	92.74	Y
36	SAG-HX-10003	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-11-2012	133	1297	-143.01	92.73	Y
37	SAG-HFS-609	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-08-2012	130	1311	151.75	92.73	Y
38	SAG-HFS-129	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2007	99	989	38.17	92.71	N

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
39	SAG-HFS-36	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-01-2002	117	1165	257.59	92.69	Y
40	SAG-HFS-620	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-05-2012	129	1225	-348.75	92.60	Y
41	SAG-HFS-155	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2011	131	1308	165.02	92.58	Y
42	SAG-HFG-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-08-2008	127	1239	-569.37	92.54	Y
43	ABC-CB-183	ANIMAL BREEDING CENTRE, SALON	03-07-2003	127	1260	191.43	92.54	Y
44	SAG-HFS-602	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2011	127	1219	-107.44	92.53	Y
45	SAG-HFG-19	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-07-2009	122	1228	57.48	92.53	Y
46	SAG-HFS-153	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-07-2011	127	1267	-277.92	92.51	Y
47	SAG-HFS-611	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2012	125	1228	603.23	92.50	Y
48	SAG-HK-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	135	1308	-191.85	92.49	Y
49	DUR-CBHF-210	PASHU SANVARDHAN KENDRA, JAGUDAN	03-12-2010	131	1299	4.00	92.49	Y
50	SAG-HFS-122	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2007	122	1240	292.29	92.43	Y
51	SAG-HFS-612	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-08-2012	122	1186	208.99	92.41	Y
52	SAG-HFS-144	SABARMATI ASHRAM	01-01-2010	120	1200	244.64	92.40	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ						
53	SAG-HFS-154	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-04-2012	119	1195	41.92	92.39	Y
54	SAG-HFS-147	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2010	124	1233	164.29	92.35	Y
55	SAG-HFS-148	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-11-2011	120	1192	118.79	92.33	Y
56	SAG-HFS-127	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-04-2006	118	1164	-217.20	92.32	Y
57	SAG-HFS-84	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-12-2003	119	1196	140.10	92.31	N
58	SAG-HFK-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	124	1276	-85.76	92.31	Y
59	DUR-CBHF-212	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2011	122	1212	8.27	92.26	Y
60	ABC-CB-453	ANIMAL BREEDING CENTRE, SALON	06-01-2009	126	1257	-471.12	92.26	Y
61	SAG-HFG-10	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2007	118	1221	33.86	92.25	Y
62	ABC-CB-696	ANIMAL BREEDING CENTRE, SALON	08-04-2009	126	1250	192.59	92.19	Y
63	SAG-HFS-103	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2005	115	1156	-101.98	92.17	Y
64	DUR-CBHF-184	PASHU SANVARDHAN KENDRA, JAGUDAN	17-12-2006	122	1225	59.41	92.16	Y
65	SAG-HFS-132	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2008	115	1177	120.80	92.13	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
66	ABC-HK-20770	ANIMAL BREEDING CENTRE, SALON	23-01-2014	121	1182	63.30	92.12	Y
67	SAG-HFS-607	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-02-2012	115	1110	27.26	92.10	Y
68	SAG-HFK-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2005	118	1180	-56.01	92.08	Y
69	ABC-CB-230	ANIMAL BREEDING CENTRE, SALON	04-08-2005	119	1148	-180.46	92.06	Y
70	SAG-HFS-98	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2005	116	1177	121.21	92.06	Y
71	SAG-HFS-86	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-08-2004	114	1148	219.24	91.97	Y
72	SAG-HFG-26	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2011	116	1168	464.99	91.95	Y
73	SAG-HFS-617	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-10-2012	114	1085	31.93	91.95	Y
74	SAG-HFK-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-04-2006	116	1152	-356.10	91.93	Y
75	SAG-HFS-113	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-09-2005	114	1170	69.79	91.90	Y
76	SAG-HFS-101	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2005	112	1089	154.74	91.85	Y
77	DSU-CBHF-15	DAMA SEMEN PRODUCTION UNIT	15-08-2010	115	1118	11.94	91.83	Y
78	SAG-HFK-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-05-2004	113	1119	-141.05	91.81	Y
79	SAG-HFS-126	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-07-2006	105	1072	73.72	91.80	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
80	ABC-CB-417	ANIMAL BREEDING CENTRE, SALON	02-08-2009	114	1143	177.81	91.77	Y
81	SAG-HFS-130	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-06-2005	115	1167	279.43	91.74	Y
82	SAG-HFS-94	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-01-2004	109	1100	140.41	91.72	Y
83	SAG-HFS-145	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2010	105	1073	345.93	91.71	Y
84	ABC-CB-480	ANIMAL BREEDING CENTRE, SALON	22-05-2010	109	1097	-95.21	91.70	Y
85	SAG-HFG-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2007	111	1137	-274.99	91.59	Y
86	ABC-HG-20772	ANIMAL BREEDING CENTRE, SALON	21-08-2013	112	1040	191.98	91.56	Y
87	ABC-CB-577	ANIMAL BREEDING CENTRE, SALON	06-01-2012	111	1087	140.29	91.56	Y
88	DUR-CBHF-213	PASHU SANVARDHAN KENDRA, JAGUDAN	09-04-2011	112	1078	-303.09	91.50	Y
89	SAG-HFG-502	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-05-2012	110	1090	-258.67	91.48	Y
90	SAG-HFS-616	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-07-2012	105	1043	330.80	91.48	Y
91	ABC-CB-381	ANIMAL BREEDING CENTRE, SALON	02-08-2007	99	984	229.70	91.46	Y
92	ABC-CB-484	ANIMAL BREEDING CENTRE, SALON	25-09-2010	106	1025	-112.04	91.44	Y
93	SAG-HFG-504	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-12-2011	102	1005	-223.11	91.39	Y
94	ABC-CB-362	ANIMAL BREEDING CENTRE, SALON	01-10-2008	107	1073	111.03	91.38	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
95	SAG-HFS-131	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-03-2008	97	968	633.28	91.35	Y
96	SAG-HFS-79	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-02-2004	99	1006	400.15	91.34	Y
97	DUR-CBHF-198	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2009	109	1076	283.44	91.33	Y
98	SAG-HX-10001	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	104	1048	554.71	91.32	Y
99	SAG-HFS-137	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2007	98	995	197.29	91.32	Y
100	ALM-HS-40057	ALAMADHI SEMEN STATION	01-02-2012	105	1016	90.38	91.31	Y
101	SAG-HFS-605	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2011	103	997	-6.66	91.30	Y
102	ABC-CB-340	ANIMAL BREEDING CENTRE, SALON	03-08-2008	104	1055	567.05	91.30	Y
103	SAG-HFS-138	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-12-2008	103	1053	95.06	91.29	Y
104	SAG-HFS-91	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-10-2004	100	992	76.30	91.28	Y
105	SAG-HFG-05	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-05-2003	104	1015	24.14	91.20	N
106	SAG-HFS-140	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-07-2009	102	1015	-187.13	91.19	Y
107	ABC-CB-485	ANIMAL BREEDING CENTRE, SALON	02-10-2010	103	1033	54.49	91.18	Y
108	DSU-CBHF-18	DAMA SEMEN PRODUCTION UNIT	25-10-2011	107	1011	-90.44	91.16	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
109	ABC-CB-512	ANIMAL BREEDING CENTRE, SALON	13-09-2011	107	991	-67.57	91.15	Y
110	ABC-CB-314	ANIMAL BREEDING CENTRE, SALON	01-09-2006	102	1021	21.56	91.15	Y
111	DUR-CBHF-200	PASHU SANVARDHAN KENDRA, JAGUDAN	15-04-2009	107	1038	162.11	91.13	Y
112	SAG-HFS-116	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2006	100	1025	129.92	91.12	Y
113	ABC-CB-330	ANIMAL BREEDING CENTRE, SALON	20-12-2006	102	1013	31.89	91.10	Y
114	SAG-HFG-24	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-05-2010	99	982	-55.84	91.04	Y
115	ABC-CB-418	ANIMAL BREEDING CENTRE, SALON	29-09-2009	103	1029	-265.54	91.04	Y
116	SAG-HFS-603	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-01-2012	102	1012	143.03	91.03	Y
117	ABC-CB-244	ANIMAL BREEDING CENTRE, SALON	23-01-2005	102	1028	444.41	91.03	Y
118	SAG-HFS-149	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2011	97	990	379.01	91.03	Y
119	ABC-CB-240	ANIMAL BREEDING CENTRE, SALON	14-04-2004	101	1025	207.15	90.99	Y
120	SAG-HX-10007	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-02-2013	101	1014	64.03	90.95	Y
121	SAG-HG-10509	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-04-2014	100	966	85.14	90.91	Y
122	DUR-CBHF-202	PASHU SANVARDHAN KENDRA, JAGUDAN	09-12-2009	101	1019	228.25	90.87	Y
123	SAG-HFS-141	SABARMATI ASHRAM	11-03-2008	97	979	65.69	90.86	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ						
124	SAG-HFS-610	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2011	97	940	120.47	90.84	Y
125	SAG-HS-10633	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-10-2014	97	931	72.84	90.82	Y
126	DUR-CBHF-215	PASHU SANVARDHAN KENDRA, JAGUDAN	24-09-2011	100	969	393.76	90.79	Y
127	SAG-HFS-125	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2006	97	969	401.54	90.78	Y
128	ALM-HS-40006	ALAMADHI SEMEN STATION	09-08-2012	90	903	423.39	90.75	Y
129	ABC-CB-477	ANIMAL BREEDING CENTRE, SALON	12-03-2010	96	955	351.92	90.68	Y
130	DUR-CBHF-206	PASHU SANVARDHAN KENDRA, JAGUDAN	05-06-2010	97	925	352.18	90.65	Y
131	SAG-HFK-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2009	95	889	-98.88	90.61	Y
132	SAG-HS-10625	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-03-2013	97	951	330.66	90.57	Y
133	SAG-HX-10012	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-07-2013	93	896	-17.68	90.55	Y
134	ABC-CB-379	ANIMAL BREEDING CENTRE, SALON	13-05-2007	89	911	272.45	90.52	Y
135	SAG-HFS-613	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-02-2012	96	940	-354.99	90.51	Y
136	DUR-CBHF-192	PASHU SANVARDHAN KENDRA, JAGUDAN	24-11-2007	97	948	247.89	90.46	Y
137	DUR-CBHF-203	PASHU SANVARDHAN	21-02-2010	91	910	800.40	90.46	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		KENDRA, JAGUDAN						
138	SAG-HG-10511	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-02-2014	93	896	3.42	90.43	Y
139	SAG-HFS-615	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-11-2012	99	949	29.76	90.39	Y
140	ABC-HS-20814	ANIMAL BREEDING CENTRE, SALON	04-08-2014	93	833	350.33	90.38	Y
141	ALM-HX-40018	ALAMADHI SEMEN STATION	07-01-2014	84	813	253.36	90.31	Y
142	DSU-CBHF-9	DAMA SEMEN PRODUCTION UNIT	10-04-2010	96	965	303.93	90.31	Y
143	SAG-HFS-100	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-07-2005	85	866	486.72	90.30	Y
144	SAG-HS-10621	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2012	88	858	421.27	90.27	Y
145	SAG-HX-10009	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	90	883	598.90	90.26	Y
146	SAG-HFS-115	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-02-2006	87	862	-34.36	90.24	Y
147	SAG-HFG-505	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2012	89	902	-166.02	90.19	Y
148	ABC-CB-528	ANIMAL BREEDING CENTRE, SALON	09-07-2010	89	845	134.31	90.18	N
149	SAG-HFS-619	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-02-2012	93	903	159.28	90.16	Y
150	SAG-HFS-146	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2009	91	933	368.48	90.16	Y
151	ABC-CB-695	ANIMAL BREEDING CENTRE, SALON	10-10-2009	95	932	229.02	90.16	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
152	SAG-HFS-102	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-02-2005	78	779	549.47	90.16	N
153	DUR-CBHF-216	PASHU SANVARDHAN KENDRA, JAGUDAN	10-07-2011	93	930	46.38	90.15	Y
154	ABC-HS-20730	ANIMAL BREEDING CENTRE, SALON	28-05-2013	94	924	47.43	90.12	Y
155	SAG-HFG-506	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-08-2012	93	893	-28.88	90.11	Y
156	ABC-CB-533	ANIMAL BREEDING CENTRE, SALON	19-11-2011	91	912	-185.56	90.10	Y
157	DSU-CBHF-14	DAMA SEMEN PRODUCTION UNIT	14-09-2010	92	879	-47.33	90.04	Y
158	SAG-HFS-85	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-01-2004	82	837	516.81	90.04	Y
159	ABC-CB-454	ANIMAL BREEDING CENTRE, SALON	23-03-2009	90	907	270.57	90.03	Y
160	SAG-HS-10632	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-09-2014	89	846	268.42	90.01	Y
161	SAG-HX-10019	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-01-2013	88	873	572.71	89.99	Y
162	SAG-HX-10011	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-06-2013	85	820	195.79	89.95	Y
163	SAG-HS-10638	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2015	90	840	290.53	89.94	Y
164	SAG-HFG-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-02-2010	87	889	653.62	89.92	Y
165	SAG-HFS-601	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2010	85	873	212.64	89.90	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
166	SAG-HS-10630	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-11-2014	84	796	-366.25	89.86	Y
167	SAG-HFS-608	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2011	86	843	367.22	89.86	Y
168	DUR-CBHF-205	PASHU SANVARDHAN KENDRA, JAGUDAN	01-03-2010	88	859	-322.85	89.81	Y
169	SAG-HFG-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2010	82	826	332.30	89.76	Y
170	SAG-HX-10024	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2014	91	851	412.32	89.70	Y
171	ABC-CB-697	ANIMAL BREEDING CENTRE, SALON	18-09-2009	89	895	-38.02	89.65	Y
172	ALM-HS-40001	ALAMADHI SEMEN STATION	17-08-2012	77	740	204.00	89.62	Y
173	SAG-HG-10510	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2014	84	817	282.17	89.62	Y
174	ABC-CB-564	ANIMAL BREEDING CENTRE, SALON	19-04-2011	90	874	-482.74	89.53	Y
175	SAG-HFG-503	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-09-2011	83	796	242.02	89.52	Y
176	ABC-CB-529	ANIMAL BREEDING CENTRE, SALON	25-09-2011	86	804	431.58	89.49	Y
177	SAG-HFS-128	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-01-2008	81	837	277.09	89.49	Y
178	SAG-HFS-87	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-05-2004	79	789	310.44	89.49	Y
179	DUR-CBHF-194	PASHU SANVARDHAN KENDRA, JAGUDAN	13-03-2008	86	854	110.87	89.46	Y
180	SAG-HS-10623	SABARMATI ASHRAM	24-11-2013	88	831	-386.67	89.44	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ						
181	SAG-HG-10513	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2013	79	736	77.11	89.39	Y
182	DUR-CBHF-207	PASHU SANVARDHAN KENDRA, JAGUDAN	06-07-2012	83	841	454.56	89.37	Y
183	DUR-CBHF-195	PASHU SANVARDHAN KENDRA, JAGUDAN	22-03-2008	84	821	-98.03	89.33	Y
184	SAG-HX-10006	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-01-2013	78	709	-494.68	89.32	Y
185	DSU-CBHF-10	DAMA SEMEN PRODUCTION UNIT	11-04-2009	84	847	168.12	89.30	Y
186	SAG-HX-10014	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-11-2013	82	797	409.08	89.24	Y
187	SAG-HS-10627	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-02-2014	80	704	196.28	89.17	Y
188	SAG-HFK-09	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2004	70	699	-120.52	89.15	N
189	SAG-HS-10639	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-05-2015	79	727	552.72	89.12	Y
190	SAG-HS-10628	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2014	79	695	162.63	89.10	Y
191	SAG-HFG-507	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2011	76	755	71.03	89.08	Y
192	SAG-HG-10516	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-02-2015	75	673	59.59	89.01	Y
193	ABC-CB-524	ANIMAL BREEDING CENTRE, SALON	02-10-2011	80	760	205.26	89.00	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
194	SAG-HFK-27	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-09-2011	77	735	-172.62	88.96	Y
195	SAG-HX-10023	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-01-2014	79	735	497.49	88.93	Y
196	SAG-HFK-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-07-2010	77	788	346.78	88.91	Y
197	ABC-HG-20778	ANIMAL BREEDING CENTRE, SALON	07-03-2014	74	684	-260.29	88.87	Y
198	ALM-HX-40013	ALAMADHI SEMEN STATION	25-04-2013	74	702	281.68	88.84	Y
199	ALM-HS-40056	ALAMADHI SEMEN STATION	31-05-2011	74	716	267.72	88.71	Y
200	ALM-HX-40012	ALAMADHI SEMEN STATION	25-03-2014	73	741	126.28	88.70	Y
201	SAG-HX-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	78	751	637.01	88.70	Y
202	SAG-HS-10629	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-02-2014	73	670	307.39	88.69	Y
203	ABC-HG-20856	ANIMAL BREEDING CENTRE, SALON	14-10-2014	75	733	569.86	88.67	Y
204	DSU-CBHF-16	DAMA SEMEN PRODUCTION UNIT	05-01-2012	77	738	-15.47	88.64	Y
205	ALM-HX-40015	ALAMADHI SEMEN STATION	03-09-2013	72	706	692.53	88.55	Y
206	SAG-HG-10512	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-10-2014	71	653	225.65	88.53	Y
207	ULD-CB-850	DFSPC, RISHIKESH.	19-01-2005	79	751	484.59	88.53	Y
208	SAG-HX-10027	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2014	73	668	271.77	88.46	Y
209	ALM-HG-40008	ALAMADHI SEMEN STATION	26-06-2012	73	703	272.41	88.40	Y
210	SAG-HG-10515	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-12-2014	72	685	161.53	88.32	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
211	SAG-HK-10029	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-01-2014	75	698	46.41	88.32	Y
212	SAG-HX-10026	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2014	71	692	468.09	88.27	Y
213	DSU-CBHF-8	DAMA SEMEN PRODUCTION UNIT	25-11-2008	68	661	-294.94	88.25	Y
214	DUR-CBHF-197	PASHU SANVARDHAN KENDRA, JAGUDAN	11-12-2008	74	720	-278.78	88.24	Y
215	SAG-HS-10636	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-03-2015	66	626	181.31	88.15	Y
216	ABC-CB-336	ANIMAL BREEDING CENTRE, SALON	13-11-2007	76	763	-43.91	88.09	Y
217	SAG-HS-10624	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-09-2013	70	673	412.03	88.03	Y
218	SAG-HX-10015	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-11-2013	70	665	160.26	88.01	Y
219	ALM-HS-40003	ALAMADHI SEMEN STATION	05-02-2012	71	667	226.14	87.94	Y
220	SAG-HS-10637	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2015	67	630	12.74	87.91	Y
221	DUR-CBHF-193	PASHU SANVARDHAN KENDRA, JAGUDAN	18-12-2007	71	700	260.43	87.89	Y
222	ABC-CB-456	ANIMAL BREEDING CENTRE, SALON	13-12-2009	77	735	-273.34	87.83	Y
223	ULD-CB-860	DFSPC, RISHIKESH.	12-12-2005	72	726	209.43	87.81	N
224	SAG-HS-10635	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2014	66	594	600.73	87.74	Y
225	ABC-CB-584	ANIMAL BREEDING CENTRE, SALON	24-10-2011	68	645	-24.65	87.66	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
226	ABC-CB-561	ANIMAL BREEDING CENTRE, SALON	20-12-2009	73	709	95.96	87.58	Y
227	SAG-HS-10631	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-08-2014	65	581	-45.84	87.57	Y
228	ABC-CB-511	ANIMAL BREEDING CENTRE, SALON	08-07-2011	67	636	21.22	87.56	Y
229	SAG-HFG-501	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-01-2012	70	683	-166.74	87.54	N
230	SAG-HX-10017	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-04-2013	66	617	744.60	87.48	Y
231	SAG-HX-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-07-2015	69	622	790.03	87.47	Y
232	SAG-HX-10004	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-12-2012	65	638	414.68	87.39	Y
233	SAG-HS-10640	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-07-2015	59	519	218.43	87.39	Y
234	ALM-HS-40011	ALAMADHI SEMEN STATION	24-03-2013	60	567	389.15	87.36	Y
235	SAG-HX-10035	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-03-2015	68	643	528.82	87.31	Y
236	SAG-HG-10514	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-11-2013	61	572	160.86	87.25	Y
237	SAG-HS-10626	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-04-2014	58	578	456.12	87.17	Y
238	ALM-HS-40019	ALAMADHI SEMEN STATION	18-01-2014	62	603	351.83	87.10	Y
239	SAG-HX-10020	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2013	62	617	345.87	87.02	Y
240	ULD-HFGR-940	DFSPC, RISHIKESH.	05-07-2013	64	557	119.85	87.01	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
241	SAG-HS-10634	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	58	538	-100.35	87.01	Y
242	SAG-HFS-618	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-07-2012	60	607	269.05	86.96	Y
243	SAG-HG-10517	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	61	575	222.22	86.94	Y
244	ULD-HFGR-885	DFSPC, RISHIKESH.	20-06-2013	59	503	-213.73	86.61	Y
245	SAG-HX-10016	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2013	65	615	312.60	86.53	Y
246	SAG-HS-10622	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	58	525	266.20	86.48	Y
247	ABC-HS-20792	ANIMAL BREEDING CENTRE, SALON	25-02-2014	64	577	188.92	86.41	Y
248	ULD-HFGR-870	DFSPC, RISHIKESH.	25-11-2012	58	545	459.90	86.32	Y
249	SAG-HS-10643	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2015	57	479	477.64	86.29	Y
250	SAG-HX-10036	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2016	64	545	274.50	86.15	Y
251	SAG-HX-10044	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-11-2015	62	456	602.28	86.12	Y
252	ULD-HFGR-955	DFSPC, RISHIKESH.	19-05-2014	54	487	280.75	85.97	Y
253	SAG-HX-10038	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2015	58	502	277.05	85.97	Y
254	SAG-HX-10025	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2014	55	527	661.67	85.95	Y
255	ABC-CB-331	ANIMAL BREEDING CENTRE, SALON	16-02-2007	58	549	-468.00	85.83	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
256	ABC-HS-20761	ANIMAL BREEDING CENTRE, SALON	14-08-2014	60	523	206.55	85.71	Y
257	SAG-HX-10040	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2015	53	513	701.86	85.62	Y
258	ABC-HG-20849	ANIMAL BREEDING CENTRE, SALON	09-10-2014	55	444	263.14	85.60	Y
259	SAG-HX-10045	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2015	57	481	628.59	85.54	Y
260	SAG-HS-10652	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-10-2015	55	416	-123.53	85.42	Y
261	SAG-HS-10651	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-09-2015	54	403	21.53	85.39	Y
262	ABC-CB-478	ANIMAL BREEDING CENTRE, SALON	31-01-2011	51	401	-212.40	85.22	Y
263	ABC-CB-534	ANIMAL BREEDING CENTRE, SALON	21-12-2011	51	478	79.29	85.16	Y
264	SAG-HX-10010	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-10-2013	51	495	-126.31	85.00	Y
265	ULD-HFGR-910	DFSPC, RISHIKESH.	26-01-2013	51	414	213.65	84.97	Y
266	SAG-HS-10648	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-11-2015	45	382	284.45	84.93	Y
267	ABC-HS-20813	ANIMAL BREEDING CENTRE, SALON	03-08-2014	51	410	-387.62	84.85	Y
268	SAG-HS-10644	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	49	397	561.82	84.81	Y
269	SAG-HS-10641	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-01-2015	49	449	337.65	84.70	Y
270	SAG-HX-10050	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2016	50	382	149.52	84.63	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
271	SAG-HG-10519	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-03-2015	43	377	635.55	84.57	Y
272	SAG-HFG-08	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-05-2005	52	517	140.65	84.54	N
273	SAG-HX-10034	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-04-2015	51	478	796.27	84.49	Y
274	SAG-HFS-28	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2000	14	115	205.21	84.15	Y
275	SAG-HS-10642	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2015	43	384	-0.02	84.07	Y
276	SAG-HFG-508	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2012	45	436	420.87	84.05	Y
277	ABC-HS-20975	ANIMAL BREEDING CENTRE, SALON	02-10-2015	43	295	331.69	83.95	Y
278	SAG-HS-10646	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-11-2015	40	315	256.05	83.93	Y
279	SAG-HG-10518	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	48	422	459.85	83.90	N
280	ABC-HS-20721	ANIMAL BREEDING CENTRE, SALON	28-05-2014	48	398	398.38	83.77	Y
281	SAG-HX-10043	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2015	47	421	699.53	83.75	Y
282	SAG-HS-10647	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2015	41	328	330.14	83.63	Y
283	ABC-HG-20776	ANIMAL BREEDING CENTRE, SALON	17-10-2013	44	379	-198.08	83.44	Y
284	SAG-HFS-65	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	33	316	110.90	83.43	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
285	SAG-HX-10041	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-04-2015	49	452	524.05	83.26	Y
286	SAG-HX-10042	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-05-2015	44	356	398.30	83.13	Y
287	SAG-HFS-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2000	22	205	162.03	82.98	Y
288	SAG-HX-10049	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-01-2016	46	407	834.98	82.94	Y
289	SAG-HFG-04	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2002	27	264	266.18	82.74	N
290	SAG-HFS-68	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-03-2003	26	256	177.09	82.22	Y
291	SAG-HX-10037	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-06-2015	42	372	270.31	82.14	Y
292	SAG-HX-10032	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2015	42	383	828.57	82.13	Y
293	SAG-HX-10018	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-11-2013	38	275	765.99	81.84	Y
294	SAG-HFS-47	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2002	35	347	760.19	81.78	N
295	SAG-HFS-81	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2003	22	217	141.44	81.47	Y
296	SAG-HFS-45	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-12-2000	39	388	27.13	81.32	N
297	SAG-HG-10522	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2016	33	265	417.77	81.20	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
298	SAG-HX-10039	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2015	41	337	230.81	81.05	Y
299	SAG-HFS-55	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-12-2002	21	207	177.01	80.70	Y
300	SAG-HFS-63	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-01-2003	27	269	618.96	80.00	N
301	SAG-HFS-69	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2002	24	239	372.82	79.91	Y
302	SAG-HX-10047	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2016	34	275	525.03	79.74	Y
303	SAG-HFS-64	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-04-2003	22	217	365.98	79.37	Y
304	ULD-HFND-960	DFSPC, RISHIKESH.	08-06-2014	36	292	243.15	79.23	Y
305	SAG-HS-10653	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-10-2015	29	203	204.07	79.08	Y
306	SAG-HFS-48	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-12-2002	17	174	774.96	79.07	Y
307	SAG-HS-10654	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-01-2016	23	149	280.59	79.03	Y
308	SAG-HS-10650	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2016	31	234	197.26	78.62	Y
309	ABC-HS-20734	ANIMAL BREEDING CENTRE, SALON	25-06-2013	38	270	168.13	78.55	N
310	SAG-HK-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	27	181	-147.54	78.35	Y
311	SAG-HS-10649	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2015	27	179	47.21	78.20	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
312	ULD-HFGR-965	DFSPC, RISHIKESH.	01-10-2014	27	201	237.36	78.15	Y
313	ABC-CB-851	ANIMAL BREEDING CENTRE, SALON	01-04-2014	27	207	233.08	77.91	Y
314	ABC-CB-973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	19	100	523.59	77.88	Y
315	SAG-HS-10645	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-10-2015	27	163	380.49	77.23	Y
316	ABC-HS-20973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	11	68	482.89	77.05	Y
317	SAG-HFS-32	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-06-2001	15	135	102.39	76.28	Y
318	SAG-HS-10656	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2016	23	160	260.95	76.26	Y
319	SAG-HFS-39	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2002	22	216	58.94	76.02	N
320	SAG-HFS-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-02-2001	15	126	-13.22	75.85	Y
321	SAG-HX-10033	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-02-2015	26	179	405.06	75.79	Y
322	SAG-HFS-50	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-10-2002	27	251	210.52	75.78	N
323	ABC-CB-815	ANIMAL BREEDING CENTRE, SALON	29-07-2014	22	184	-277.57	75.63	Y
324	SAG-HFS-82	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-12-2003	24	225	245.16	75.56	N
325	BAF-DANAV	BAIF FROSEN SEMEN LABORATORY, PUNE	31-12-2013	29	160	-219.04	75.49	Y
326	ULD-HFGR-875	DFSPC, RISHIKESH.	20-08-2012	21	173	117.13	74.92	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
327	SAG-HFG-03	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2003	23	224	-88.56	74.78	N
328	SAG-HFS-114	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-08-2005	19	196	215.15	74.63	N
329	ABC-CB-728	ANIMAL BREEDING CENTRE, SALON	07-03-2013	22	160	-251.71	74.22	Y
330	SAG-HFK-10	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-05-2002	18	171	-25.37	74.02	N
331	SAG-HX-10051	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2016	22	163	152.54	73.94	Y
332	SAG-HFG-02	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-01-2003	20	187	170.44	73.13	N
333	BAF-DAS	BAIF FROSEN SEMEN LABORATORY, PUNE	03-01-2013	22	151	553.84	72.90	Y
334	SAG-HFS-74	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-08-2003	13	119	418.01	72.75	Y
335	BAF-DINANATH	BAIF FROSEN SEMEN LABORATORY, PUNE	20-06-2014	24	128	51.70	72.65	Y
336	ULD-HFGR-950	DFSPC, RISHIKESH.	18-07-2013	18	117	20.33	72.11	Y
337	SAG-HFS-24	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-12-1999	12	98	207.36	71.99	N
338	SAG-HFS-56	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-05-2003	13	117	502.66	71.01	Y
339	BAF-DAVAT	BAIF FROSEN SEMEN LABORATORY, PUNE	21-07-2015	18	115	-48.52	70.76	N
340	ULD-HFGR-895	DFSPC, RISHIKESH.	27-06-2013	12	69	142.74	70.26	Y
341	SAG-HFS-51	SABARMATI ASHRAM	06-10-2002	18	168	-2.78	70.12	N

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV MY	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ						

Trait: 305 Day Fat Yield & Fat %

Species: Cattle

Breed: HF Crossbred

Date of estimation: 29 December 2023

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
1	SAG-JIGAR	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2001	165	1640	17.31	0.06	94.26	N
2	SAG-HFS-46	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2003	210	2128	1.21	0.15	94.15	Y
3	SAG-HFG-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-05-2008	191	1958	-5.68	-0.03	93.91	N
4	SAG-HFS-134	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-05-2008	168	1693	13.02	0.15	93.36	Y
5	SAG-HFS-117	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-08-2006	183	1848	7.27	-0.03	93.17	Y
6	SAG-HFS-121	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-03-2007	159	1610	15.37	0.10	93.09	Y
7	SAG-HFS-108	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2005	161	1585	25.54	0.04	92.96	Y
8	SAG-HFG-12	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2007	169	1710	0.86	0.05	92.87	N
9	SAG-HFG-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-06-2010	172	1770	6.02	0.23	92.61	Y
10	SAG-HFS-143	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-10-2009	171	1659	-14.70	-0.08	92.61	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
11	SAG-HFK-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2009	163	1648	-1.94	0.19	92.48	Y
12	SAG-HFG-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-07-2008	158	1598	12.33	0.11	92.33	Y
13	SAG-HFK-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2008	154	1526	-2.55	0.09	92.25	Y
14	ABC-CB-434	ANIMAL BREEDING CENTRE, SALON	30-01-2009	150	1516	1.62	-0.07	91.93	Y
15	SAG-HFS-83	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2003	137	1294	31.21	0.03	91.85	Y
16	SAG-HFS-95	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-05-2005	141	1340	32.04	0.09	91.79	Y
17	SAG-HFS-70	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	141	1387	11.76	0.04	91.73	Y
18	SAG-HFG-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2007	143	1431	1.72	0.12	91.69	Y
19	SAG-HFS-119	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2006	117	1171	-4.81	0.07	91.52	Y
20	SAG-HFK-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-12-2005	142	1417	-5.06	0.02	91.48	Y
21	SAG-HFS-124	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2005	140	1446	7.95	0.00	91.32	Y
22	SAG-HFS-80	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-06-2004	137	1225	13.72	0.03	91.32	Y
23	SAG-HFG-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2011	137	1366	10.91	0.10	91.30	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
24	SAG-HFS-606	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-03-2012	143	1418	16.58	0.00	91.28	Y
25	SAG-HFG-16	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-12-2008	135	1386	17.13	0.27	91.24	Y
26	SAG-HFS-66	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2003	119	1143	17.46	0.11	91.22	Y
27	SAG-HFS-151	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-03-2011	132	1312	15.51	0.06	91.22	Y
28	SAG-HFS-129	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2007	98	977	0.10	0.06	91.19	N
29	SAG-HFS-123	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2006	138	1411	10.78	0.10	91.13	Y
30	SAG-HX-10005	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-05-2013	135	1339	13.60	0.00	91.03	Y
31	SAG-HFS-120	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-09-2006	125	1251	39.55	0.10	90.99	Y
32	SAG-HFK-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-09-2004	132	1201	17.25	0.13	90.98	Y
33	ABC-CB-353	ANIMAL BREEDING CENTRE, SALON	04-04-2006	127	1274	-1.69	-0.03	90.94	Y
34	DUR-CBHF-211	PASHU SANVARDHAN KENDRA, JAGUDAN	27-10-2010	134	1298	-5.49	0.03	90.93	Y
35	SAG-HFG-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	130	1331	-6.06	0.11	90.85	Y
36	SAG-HFS-609	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-08-2012	130	1298	9.51	-0.10	90.81	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
37	SAG-HX-10003	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-11-2012	133	1273	-2.67	-0.14	90.79	Y
38	DSU-CBHF-13	DAMA SEMEN PRODUCTION UNIT	25-08-2010	131	1301	-5.14	-0.06	90.75	Y
39	SAG-HFS-36	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-01-2002	116	1155	8.71	0.09	90.73	Y
40	SAG-HFS-620	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-05-2012	129	1211	-12.52	-0.13	90.63	Y
41	SAG-HFS-155	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2011	131	1301	5.22	0.07	90.60	Y
42	SAG-HFG-19	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-07-2009	122	1226	0.76	0.07	90.57	Y
43	ABC-CB-183	ANIMAL BREEDING CENTRE, SALON	03-07-2003	127	1259	5.15	0.12	90.56	Y
44	SAG-HFS-153	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-07-2011	127	1262	-12.38	0.00	90.54	Y
45	SAG-HFG-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-08-2008	126	1227	-23.35	-0.09	90.52	Y
46	SAG-HFS-611	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2012	125	1206	22.35	0.13	90.47	Y
47	SAG-HFS-602	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2011	126	1205	0.19	-0.19	90.46	Y
48	DUR-CBHF-210	PASHU SANVARDHAN KENDRA, JAGUDAN	03-12-2010	131	1289	1.30	-0.04	90.45	Y
49	SAG-HFS-154	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-04-2012	119	1189	5.04	-0.12	90.44	Y
50	SAG-HK-10028	SABARMATI ASHRAM	27-11-2013	135	1277	-8.42	0.00	90.43	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
51	SAG-HFS-122	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2007	122	1235	8.67	0.14	90.43	Y
52	SAG-HFS-612	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-08-2012	122	1166	8.96	0.01	90.42	Y
53	SAG-HFS-144	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2010	120	1199	10.49	0.01	90.42	Y
54	SAG-HFS-148	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-11-2011	120	1187	2.41	0.10	90.33	Y
55	SAG-HFK-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	124	1269	-2.12	-0.06	90.29	Y
56	SAG-HFS-84	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-12-2003	117	1078	4.88	0.05	90.29	N
57	SAG-HFG-10	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2007	118	1216	4.71	-0.12	90.28	Y
58	SAG-HFS-147	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2010	123	1222	7.31	0.00	90.25	Y
59	SAG-HFS-127	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-04-2006	117	1152	-9.98	0.01	90.24	Y
60	ABC-CB-453	ANIMAL BREEDING CENTRE, SALON	06-01-2009	126	1257	-18.66	-0.10	90.21	Y
61	DUR-CBHF-212	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2011	122	1194	3.37	-0.11	90.18	Y
62	SAG-HFS-103	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2005	115	1153	-6.28	0.07	90.12	Y
63	SAG-HFS-132	SABARMATI ASHRAM	19-02-2008	115	1176	3.62	0.06	90.10	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
64	DUR-CBHF-184	PASHU SANVARDHAN KENDRA, JAGUDAN	17-12-2006	122	1221	-1.21	0.14	90.07	Y
65	ABC-CB-696	ANIMAL BREEDING CENTRE, SALON	08-04-2009	126	1237	4.21	0.15	90.05	Y
66	SAG-HFS-607	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-02-2012	114	1101	-0.55	0.07	89.99	Y
67	ABC-HK-20770	ANIMAL BREEDING CENTRE, SALON	23-01-2014	121	1156	-0.48	0.12	89.97	Y
68	SAG-HFK-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2005	117	1173	-3.25	0.03	89.96	Y
69	ABC-CB-230	ANIMAL BREEDING CENTRE, SALON	04-08-2005	119	1147	-10.10	0.08	89.90	Y
70	SAG-HFS-113	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-09-2005	114	1165	4.32	-0.04	89.88	Y
71	SAG-HFS-617	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-10-2012	114	1068	6.09	-0.17	89.83	Y
72	SAG-HFG-26	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2011	116	1155	18.21	0.08	89.82	Y
73	SAG-HFK-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-04-2006	116	1150	-14.47	-0.06	89.77	Y
74	SAG-HFS-86	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-08-2004	113	1056	10.08	-0.01	89.76	Y
75	SAG-HFK-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-05-2004	113	1118	-5.71	-0.02	89.69	Y
76	SAG-HFS-101	SABARMATI ASHRAM	21-09-2005	111	1025	4.04	0.10	89.67	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
77	DSU-CBHF-15	DAMA SEMEN PRODUCTION UNIT	15-08-2010	115	1107	4.77	-0.16	89.65	Y
78	ABC-CB-417	ANIMAL BREEDING CENTRE, SALON	02-08-2009	114	1143	2.85	0.18	89.64	Y
79	SAG-HFS-98	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2005	110	1033	7.12	-0.06	89.61	Y
80	SAG-HFS-126	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-07-2006	105	1062	2.41	0.03	89.60	Y
81	ABC-CB-480	ANIMAL BREEDING CENTRE, SALON	22-05-2010	109	1091	-3.85	-0.01	89.54	Y
82	SAG-HFS-145	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2010	105	1073	9.73	0.18	89.54	Y
83	SAG-HFS-130	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-06-2005	115	1160	8.11	0.14	89.53	Y
84	SAG-HFG-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2007	111	1131	-13.30	0.05	89.41	Y
85	ABC-CB-381	ANIMAL BREEDING CENTRE, SALON	02-08-2007	99	981	11.81	-0.06	89.38	Y
86	ABC-CB-577	ANIMAL BREEDING CENTRE, SALON	06-01-2012	111	1052	6.77	-0.02	89.31	Y
87	SAG-HFS-616	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-07-2012	105	1033	17.28	-0.09	89.30	Y
88	ABC-HG-20772	ANIMAL BREEDING CENTRE, SALON	21-08-2013	112	1002	7.19	0.05	89.27	Y
89	SAG-HFG-502	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-05-2012	110	1081	-8.28	-0.13	89.22	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
90	DUR-CBHF-213	PASHU SANVARDHAN KENDRA, JAGUDAN	09-04-2011	112	1052	-8.07	-0.23	89.20	Y
91	SAG-HFG-504	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-12-2011	102	1004	-6.58	-0.13	89.18	Y
92	SAG-HFS-94	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-01-2004	104	950	5.72	0.02	89.17	Y
93	ABC-CB-484	ANIMAL BREEDING CENTRE, SALON	25-09-2010	106	1016	-6.24	0.05	89.16	Y
94	ABC-CB-362	ANIMAL BREEDING CENTRE, SALON	01-10-2008	107	1068	4.66	0.01	89.15	Y
95	SAG-HFS-137	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2007	98	993	6.14	0.09	89.13	Y
96	SAG-HFS-131	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-03-2008	97	966	25.89	0.07	89.12	Y
97	DUR-CBHF-198	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2009	109	1063	8.35	0.14	89.03	Y
98	ABC-CB-340	ANIMAL BREEDING CENTRE, SALON	03-08-2008	104	1052	17.33	0.24	89.01	Y
99	SAG-HFS-605	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2011	103	994	1.27	-0.06	89.01	Y
100	SAG-HX-10001	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	103	1032	17.34	0.22	88.99	Y
101	SAG-HFS-138	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-12-2008	103	1053	-1.37	0.20	88.99	Y
102	SAG-HFS-79	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-02-2004	98	923	14.75	0.10	88.97	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
103	ALM-HS-40057	ALAMADHI SEMEN STATION	01-02-2012	104	981	7.18	-0.12	88.92	Y
104	ABC-CB-485	ANIMAL BREEDING CENTRE, SALON	02-10-2010	103	1028	-0.64	0.11	88.89	Y
105	SAG-HFS-91	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-10-2004	99	942	1.38	0.07	88.87	Y
106	SAG-HFS-140	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-07-2009	102	1013	-9.16	0.04	88.86	Y
107	ABC-CB-314	ANIMAL BREEDING CENTRE, SALON	01-09-2006	102	1015	-2.04	0.11	88.81	Y
108	SAG-HFG-05	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-05-2003	104	927	0.84	0.01	88.77	N
109	DUR-CBHF-200	PASHU SANVARDHAN KENDRA, JAGUDAN	15-04-2009	107	1028	8.82	-0.06	88.77	Y
110	ABC-CB-330	ANIMAL BREEDING CENTRE, SALON	20-12-2006	102	1013	-1.41	0.10	88.77	Y
111	DSU-CBHF-18	DAMA SEMEN PRODUCTION UNIT	25-10-2011	107	988	-3.16	-0.03	88.76	Y
112	ABC-CB-512	ANIMAL BREEDING CENTRE, SALON	13-09-2011	107	970	2.08	-0.19	88.75	Y
113	SAG-HFS-116	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2006	99	998	5.02	0.03	88.71	Y
114	SAG-HFS-149	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2011	97	989	12.44	0.14	88.71	Y
115	ABC-CB-418	ANIMAL BREEDING CENTRE, SALON	29-09-2009	103	1028	-10.92	-0.03	88.71	Y
116	SAG-HFS-603	SABARMATI ASHRAM	14-01-2012	102	1003	7.28	-0.03	88.69	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
117	ABC-CB-240	ANIMAL BREEDING CENTRE, SALON	14-04-2004	101	1024	12.69	-0.12	88.66	Y
118	ABC-CB-244	ANIMAL BREEDING CENTRE, SALON	23-01-2005	102	1027	13.15	0.21	88.65	Y
119	SAG-HFG-24	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-05-2010	98	967	-2.72	0.01	88.64	Y
120	SAG-HX-10007	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-02-2013	101	980	2.72	0.00	88.56	Y
121	SAG-HG-10509	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-04-2014	100	945	3.55	0.01	88.54	Y
122	DUR-CBHF-202	PASHU SANVARDHAN KENDRA, JAGUDAN	09-12-2009	101	1012	7.84	0.08	88.49	Y
123	SAG-HFS-141	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-03-2008	97	979	3.32	-0.02	88.46	Y
124	SAG-HFS-610	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2011	97	934	7.12	-0.06	88.42	Y
125	ALM-HS-40006	ALAMADHI SEMEN STATION	09-08-2012	90	880	17.31	0.05	88.42	Y
126	SAG-HS-10633	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-10-2014	97	887	0.31	0.11	88.40	Y
127	DUR-CBHF-215	PASHU SANVARDHAN KENDRA, JAGUDAN	24-09-2011	100	962	15.10	0.08	88.36	Y
128	SAG-HFS-125	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2006	96	950	15.40	0.08	88.35	Y
129	ABC-CB-477	ANIMAL BREEDING CENTRE, SALON	12-03-2010	96	951	10.35	0.17	88.24	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
130	DUR-CBHF-206	PASHU SANVARDHAN KENDRA, JAGUDAN	05-06-2010	97	917	17.14	-0.05	88.17	Y
131	ABC-CB-379	ANIMAL BREEDING CENTRE, SALON	13-05-2007	89	905	9.63	0.08	88.11	Y
132	SAG-HS-10625	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-03-2013	97	923	9.92	0.16	88.10	Y
133	SAG-HFK-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2009	95	885	-7.26	0.11	88.08	Y
134	SAG-HFS-102	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-02-2005	78	775	21.32	0.09	88.04	N
135	SAG-HX-10012	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-07-2013	92	875	-0.87	0.00	88.02	Y
136	SAG-HFS-613	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-02-2012	96	937	12.41	-0.14	88.00	Y
137	DUR-CBHF-203	PASHU SANVARDHAN KENDRA, JAGUDAN	21-02-2010	91	903	33.18	0.07	87.99	Y
138	DUR-CBHF-192	PASHU SANVARDHAN KENDRA, JAGUDAN	24-11-2007	97	942	8.84	0.07	87.93	Y
139	SAG-HFS-615	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-11-2012	99	942	1.91	-0.02	87.85	Y
140	DSU-CBHF-9	DAMA SEMEN PRODUCTION UNIT	10-04-2010	96	962	12.17	0.04	87.81	Y
141	SAG-HG-10511	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-02-2014	91	867	1.80	-0.06	87.80	Y
142	SAG-HS-10621	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2012	88	839	18.07	0.02	87.75	Y
143	SAG-HX-10009	SABARMATI ASHRAM	23-01-2013	90	863	23.35	0.10	87.74	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
144	ABC-CB-528	ANIMAL BREEDING CENTRE, SALON	09-07-2010	89	841	5.71	0.01	87.72	N
145	ALM-HX-40018	ALAMADHI SEMEN STATION	07-01-2014	82	780	13.04	-0.06	87.68	Y
146	SAG-HFS-115	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-02-2006	87	862	-4.29	0.11	87.67	Y
147	SAG-HFS-100	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-07-2005	83	814	17.35	0.13	87.66	Y
148	SAG-HFG-505	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2012	89	884	-6.95	-0.02	87.66	Y
149	SAG-HFS-146	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2009	91	931	14.07	0.07	87.65	Y
150	DUR-CBHF-216	PASHU SANVARDHAN KENDRA, JAGUDAN	10-07-2011	93	922	-0.10	0.08	87.57	Y
151	ABC-HS-20814	ANIMAL BREEDING CENTRE, SALON	04-08-2014	91	803	14.35	0.04	87.57	Y
152	ABC-CB-533	ANIMAL BREEDING CENTRE, SALON	19-11-2011	91	896	-7.50	-0.03	87.51	Y
153	SAG-HFG-506	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-08-2012	93	885	3.58	-0.18	87.51	Y
154	ABC-CB-695	ANIMAL BREEDING CENTRE, SALON	10-10-2009	95	906	6.53	0.12	87.50	Y
155	SAG-HFS-619	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-02-2012	92	868	3.26	0.13	87.49	Y
156	ABC-HS-20730	ANIMAL BREEDING CENTRE, SALON	28-05-2013	94	904	3.19	-0.04	87.47	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
157	ABC-CB-454	ANIMAL BREEDING CENTRE, SALON	23-03-2009	90	905	5.03	0.24	87.46	Y
158	DSU-CBHF-14	DAMA SEMEN PRODUCTION UNIT	14-09-2010	92	878	1.52	-0.14	87.43	Y
159	SAG-HS-10632	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-09-2014	89	821	10.60	0.04	87.41	Y
160	SAG-HX-10011	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-06-2013	85	812	9.97	-0.05	87.37	Y
161	SAG-HFS-601	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2010	85	869	7.44	0.07	87.35	Y
162	SAG-HFG-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-02-2010	87	888	21.71	0.22	87.33	Y
163	SAG-HFS-85	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-01-2004	81	785	20.38	0.08	87.32	Y
164	SAG-HFS-608	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2011	86	841	16.32	0.00	87.23	Y
165	SAG-HS-10638	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2015	89	803	13.94	-0.04	87.23	Y
166	SAG-HX-10019	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-01-2013	86	830	22.33	0.09	87.20	Y
167	SAG-HFG-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2010	82	822	10.55	0.14	87.16	Y
168	SAG-HS-10630	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-11-2014	83	776	-12.07	-0.18	87.12	Y
169	DUR-CBHF-205	PASHU SANVARDHAN KENDRA, JAGUDAN	01-03-2010	88	849	-7.72	-0.28	87.10	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
170	ALM-HS-40001	ALAMADHI SEMEN STATION	17-08-2012	77	717	7.71	0.05	87.03	Y
171	SAG-HG-10510	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2014	84	788	13.52	-0.03	86.88	Y
172	ABC-CB-697	ANIMAL BREEDING CENTRE, SALON	18-09-2009	89	878	-0.12	-0.06	86.88	Y
173	SAG-HFG-503	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-09-2011	83	789	9.20	0.05	86.80	Y
174	SAG-HFS-128	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-01-2008	81	832	10.56	0.06	86.79	Y
175	SAG-HFS-87	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-05-2004	79	745	12.48	0.04	86.76	Y
176	SAG-HX-10024	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2014	89	820	17.62	0.02	86.75	Y
177	ABC-CB-564	ANIMAL BREEDING CENTRE, SALON	19-04-2011	90	861	-20.26	-0.05	86.72	Y
178	DUR-CBHF-194	PASHU SANVARDHAN KENDRA, JAGUDAN	13-03-2008	86	836	6.31	-0.05	86.69	Y
179	SAG-HG-10513	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2013	79	711	5.85	-0.09	86.64	Y
180	SAG-HX-10006	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-01-2013	78	684	-17.50	-0.20	86.57	Y
181	ABC-CB-529	ANIMAL BREEDING CENTRE, SALON	25-09-2011	85	776	16.58	0.08	86.55	Y
182	DSU-CBHF-10	DAMA SEMEN PRODUCTION UNIT	11-04-2009	84	845	3.07	0.15	86.53	Y
183	DUR-CBHF-195	PASHU SANVARDHAN	22-03-2008	84	810	-7.80	0.13	86.53	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		KENDRA, JAGUDAN							
184	DUR-CBHF-207	PASHU SANVARDHAN KENDRA, JAGUDAN	06-07-2012	82	825	13.01	0.23	86.49	Y
185	SAG-HS-10623	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2013	87	810	-12.68	-0.19	86.46	Y
186	SAG-HX-10014	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-11-2013	82	774	16.65	0.05	86.40	Y
187	SAG-HFG-507	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2011	76	742	5.64	-0.09	86.34	Y
188	SAG-HFK-09	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2004	69	641	-5.83	0.02	86.31	N
189	SAG-HS-10639	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-05-2015	79	707	24.58	0.00	86.29	Y
190	SAG-HS-10627	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-02-2014	80	675	10.43	-0.06	86.29	Y
191	SAG-HG-10516	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-02-2015	75	652	6.72	-0.15	86.19	Y
192	SAG-HFK-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-07-2010	77	786	11.30	0.13	86.14	Y
193	ABC-CB-524	ANIMAL BREEDING CENTRE, SALON	02-10-2011	80	748	7.89	0.04	86.13	Y
194	SAG-HS-10628	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2014	78	679	10.46	-0.11	86.11	Y
195	SAG-HFK-27	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-09-2011	77	731	-8.23	0.02	86.09	Y
196	SAG-HX-10023	SABARMATI ASHRAM	24-01-2014	79	708	26.40	-0.14	86.00	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
197	ALM-HX-40013	ALAMADHI SEMEN STATION	25-04-2013	74	670	13.72	-0.04	85.96	Y
198	ABC-HG-20778	ANIMAL BREEDING CENTRE, SALON	07-03-2014	74	649	-6.57	-0.21	85.95	Y
199	ALM-HS-40056	ALAMADHI SEMEN STATION	31-05-2011	74	700	12.27	-0.01	85.83	Y
200	ALM-HX-40012	ALAMADHI SEMEN STATION	25-03-2014	73	715	6.75	-0.04	85.82	Y
201	SAG-HS-10629	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-02-2014	72	635	14.97	-0.05	85.69	Y
202	DSU-CBHF-16	DAMA SEMEN PRODUCTION UNIT	05-01-2012	77	727	5.81	-0.24	85.66	Y
203	ALM-HX-40015	ALAMADHI SEMEN STATION	03-09-2013	72	676	28.08	0.08	85.62	Y
204	ABC-HG-20856	ANIMAL BREEDING CENTRE, SALON	14-10-2014	74	698	24.13	0.03	85.62	Y
205	SAG-HG-10512	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-10-2014	71	610	7.80	0.08	85.59	Y
206	SAG-HX-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	77	720	25.62	0.08	85.57	Y
207	ULD-CB-850	DFSPC, RISHIKESH.	19-01-2005	79	744	22.63	-0.04	85.47	Y
208	SAG-HX-10027	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2014	72	646	17.34	-0.18	85.35	Y
209	ALM-HG-40008	ALAMADHI SEMEN STATION	26-06-2012	73	671	11.94	0.00	85.34	Y
210	SAG-HG-10515	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-12-2014	72	656	7.63	-0.02	85.30	Y
211	DSU-CBHF-8	DAMA SEMEN PRODUCTION UNIT	25-11-2008	68	654	-9.34	-0.16	85.26	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
212	DUR-CBHF-197	PASHU SANVARDHAN KENDRA, JAGUDAN	11-12-2008	74	710	-4.49	-0.33	85.26	Y
213	SAG-HS-10636	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-03-2015	66	611	9.82	-0.06	85.22	Y
214	SAG-HX-10026	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2014	70	658	19.43	0.04	85.12	Y
215	SAG-HK-10029	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-01-2014	74	670	4.57	-0.09	85.11	Y
216	ABC-CB-336	ANIMAL BREEDING CENTRE, SALON	13-11-2007	76	756	-2.12	0.01	85.09	Y
217	SAG-HS-10624	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-09-2013	69	645	23.50	-0.17	84.83	Y
218	DUR-CBHF-193	PASHU SANVARDHAN KENDRA, JAGUDAN	18-12-2007	71	697	13.00	-0.05	84.82	Y
219	SAG-HX-10015	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-11-2013	69	651	6.48	0.02	84.76	Y
220	ULD-CB-860	DFSPC, RISHIKESH.	12-12-2005	72	722	10.18	-0.03	84.72	N
221	SAG-HS-10637	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2015	66	604	-0.22	0.03	84.66	Y
222	ALM-HS-40003	ALAMADHI SEMEN STATION	05-02-2012	70	637	8.35	0.06	84.60	Y
223	ABC-CB-456	ANIMAL BREEDING CENTRE, SALON	13-12-2009	77	720	-6.39	-0.24	84.58	Y
224	SAG-HS-10635	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2014	65	576	25.53	0.03	84.51	Y
225	ABC-CB-584	ANIMAL BREEDING CENTRE, SALON	24-10-2011	68	632	-1.18	0.00	84.48	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
226	SAG-HS-10631	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-08-2014	65	564	-0.20	-0.07	84.39	Y
227	ABC-CB-561	ANIMAL BREEDING CENTRE, SALON	20-12-2009	73	705	-0.31	0.16	84.38	Y
228	SAG-HFG-501	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-01-2012	70	675	-8.55	0.05	84.38	N
229	ABC-CB-511	ANIMAL BREEDING CENTRE, SALON	08-07-2011	67	624	0.35	0.02	84.33	Y
230	SAG-HX-10017	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-04-2013	66	602	30.18	0.08	84.32	Y
231	SAG-HX-10004	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-12-2012	65	622	19.02	-0.02	84.23	Y
232	ALM-HS-40011	ALAMADHI SEMEN STATION	24-03-2013	60	555	15.62	0.05	84.19	Y
233	SAG-HS-10640	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-07-2015	59	498	7.16	0.09	84.17	Y
234	SAG-HS-10626	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-04-2014	58	557	21.66	-0.05	84.09	Y
235	SAG-HX-10035	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-03-2015	68	622	20.51	0.09	84.04	Y
236	SAG-HG-10514	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-11-2013	60	564	5.31	0.06	83.88	Y
237	SAG-HX-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-07-2015	67	585	29.85	0.15	83.88	Y
238	ALM-HS-40019	ALAMADHI SEMEN STATION	18-01-2014	62	576	16.03	-0.02	83.87	Y
239	SAG-HX-10020	SABARMATI ASHRAM	28-10-2013	62	608	13.08	0.07	83.81	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
240	SAG-HFS-618	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-07-2012	60	606	13.01	-0.04	83.79	Y
241	SAG-HS-10634	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	58	511	0.89	-0.21	83.69	Y
242	SAG-HG-10517	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	61	559	10.77	-0.03	83.68	Y
243	ULD-HFGR-940	DFSPC, RISHIKESH.	05-07-2013	64	543	4.10	0.04	83.63	Y
244	ULD-HFGR-885	DFSPC, RISHIKESH.	20-06-2013	59	491	-5.90	-0.14	83.12	Y
245	SAG-HS-10622	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	58	514	13.31	-0.05	83.08	Y
246	SAG-HX-10016	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2013	65	594	15.67	-0.06	82.99	Y
247	ULD-HFGR-870	DFSPC, RISHIKESH.	25-11-2012	58	538	20.16	0.01	82.84	Y
248	SAG-HS-10643	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2015	57	464	22.91	-0.06	82.72	Y
249	SAG-HX-10025	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2014	55	519	24.38	0.15	82.56	Y
250	ABC-HS-20792	ANIMAL BREEDING CENTRE, SALON	25-02-2014	63	546	10.52	-0.08	82.54	Y
251	ULD-HFGR-955	DFSPC, RISHIKESH.	19-05-2014	54	476	12.15	0.01	82.48	Y
252	SAG-HX-10036	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2016	64	520	15.49	-0.11	82.43	Y
253	SAG-HX-10038	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2015	58	482	8.43	0.13	82.30	Y
254	ABC-CB-331	ANIMAL BREEDING	16-02-2007	57	542	-14.59	-0.28	82.07	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		CENTRE, SALON							
255	SAG-HX-10044	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-11-2015	61	430	23.61	0.09	82.06	Y
256	SAG-HX-10040	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2015	53	482	29.93	0.03	82.00	Y
257	ABC-HS-20761	ANIMAL BREEDING CENTRE, SALON	14-08-2014	60	507	10.79	-0.06	81.87	Y
258	SAG-HX-10045	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2015	57	464	23.00	0.15	81.71	Y
259	ABC-HG-20849	ANIMAL BREEDING CENTRE, SALON	09-10-2014	54	430	7.06	0.16	81.65	Y
260	SAG-HS-10651	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-09-2015	54	393	4.26	-0.12	81.52	Y
261	ABC-CB-534	ANIMAL BREEDING CENTRE, SALON	21-12-2011	51	461	6.00	-0.09	81.46	Y
262	SAG-HS-10652	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-10-2015	55	408	-2.77	-0.11	81.35	Y
263	SAG-HS-10648	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-11-2015	45	371	10.38	0.07	81.33	Y
264	SAG-HX-10010	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-10-2013	51	481	-5.77	0.01	81.27	Y
265	ABC-CB-478	ANIMAL BREEDING CENTRE, SALON	31-01-2011	50	385	-6.86	-0.10	81.22	Y
266	ULD-HFGR-910	DFSPC, RISHIKESH.	26-01-2013	50	400	7.55	0.07	81.00	Y
267	SAG-HS-10644	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	49	383	19.10	0.18	80.96	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
268	SAG-HG-10519	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-03-2015	43	361	20.46	0.23	80.95	Y
269	ABC-HS-20813	ANIMAL BREEDING CENTRE, SALON	03-08-2014	51	391	-15.30	-0.08	80.83	Y
270	SAG-HS-10641	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-01-2015	49	434	14.06	0.03	80.79	Y
271	SAG-HFG-08	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-05-2005	52	489	4.19	0.07	80.63	N
272	SAG-HX-10050	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2016	50	373	7.65	-0.04	80.62	Y
273	SAG-HX-10034	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-04-2015	50	465	34.09	0.03	80.44	Y
274	SAG-HFG-508	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2012	45	424	11.20	0.24	80.25	Y
275	SAG-HS-10646	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-11-2015	39	295	12.29	-0.03	80.02	Y
276	SAG-HS-10642	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2015	42	364	1.65	-0.06	79.97	Y
277	SAG-HG-10518	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	48	406	20.98	-0.02	79.89	N
278	SAG-HX-10043	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2015	47	406	21.13	0.29	79.73	Y
279	SAG-HS-10647	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2015	41	317	10.83	0.13	79.67	Y
280	ABC-HS-20975	ANIMAL BREEDING CENTRE, SALON	02-10-2015	42	280	10.80	0.13	79.59	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
281	SAG-HFS-65	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	32	280	2.74	0.08	79.57	Y
282	ABC-HS-20721	ANIMAL BREEDING CENTRE, SALON	28-05-2014	48	381	10.57	0.23	79.47	Y
283	SAG-HFS-28	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2000	5	33	5.91	0.11	79.47	Y
284	ABC-HG-20776	ANIMAL BREEDING CENTRE, SALON	17-10-2013	43	356	-6.16	-0.11	79.06	Y
285	SAG-HX-10041	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-04-2015	48	441	22.23	0.03	78.85	Y
286	SAG-HX-10042	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-05-2015	44	340	14.81	0.09	78.78	Y
287	SAG-HX-10049	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-01-2016	46	387	30.49	0.18	78.61	Y
288	SAG-HFG-04	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2002	26	229	5.95	0.20	78.38	N
289	SAG-HFS-68	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-03-2003	26	219	1.19	0.23	78.28	Y
290	SAG-HX-10032	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2015	42	366	31.05	0.16	77.67	Y
291	SAG-HFS-81	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2003	22	188	5.17	0.04	77.46	Y
292	SAG-HX-10037	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-06-2015	41	353	13.25	-0.04	77.32	Y
293	SAG-HX-10018	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-11-2013	38	262	25.33	0.25	77.26	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
294	SAG-HG-10522	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2016	33	248	15.36	0.10	76.79	Y
295	SAG-HFS-63	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-01-2003	27	254	23.62	0.12	76.54	N
296	SAG-HFS-47	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2002	29	245	24.31	0.27	76.33	N
297	SAG-HX-10039	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2015	41	323	5.81	0.15	76.28	Y
298	SAG-HFS-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2000	10	88	6.17	0.04	76.15	Y
299	SAG-HFS-45	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-12-2000	35	309	-1.91	0.12	75.72	N
300	SAG-HFS-69	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2002	24	223	12.05	0.15	75.47	Y
301	SAG-HFS-55	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-12-2002	16	122	2.74	0.18	74.85	Y
302	SAG-HFS-48	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-12-2002	17	154	28.65	0.16	74.80	Y
303	SAG-HS-10654	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-01-2016	23	146	13.46	-0.03	74.70	Y
304	SAG-HX-10047	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2016	33	263	16.26	0.22	74.62	Y
305	ULD-HFND-960	DFSPC, RISHIKESH.	08-06-2014	36	285	11.59	-0.03	73.90	Y
306	SAG-HS-10653	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-10-2015	28	187	9.02	0.00	73.84	Y
307	SAG-HFS-64	SABARMATI ASHRAM	10-04-2003	19	163	6.45	0.32	73.69	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
		GAUSHALA, BIDAJ							
308	SAG-HS-10650	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2016	31	229	5.01	0.13	73.55	Y
309	SAG-HK-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	27	172	-7.39	0.03	73.32	Y
310	SAG-HS-10649	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2015	27	175	4.04	-0.07	73.12	Y
311	ABC-CB-851	ANIMAL BREEDING CENTRE, SALON	01-04-2014	27	199	5.89	0.15	72.72	Y
312	ULD-HFGR-965	DFSPC, RISHIKESH.	01-10-2014	26	190	11.69	-0.04	72.68	Y
313	ABC-HS-20734	ANIMAL BREEDING CENTRE, SALON	25-06-2013	38	257	-5.38	0.45	72.66	N
314	ABC-CB-973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	18	94	18.51	0.15	71.98	Y
315	SAG-HS-10656	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2016	23	158	10.06	0.05	71.26	Y
316	ABC-HS-20973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	10	65	16.99	0.14	71.23	Y
317	SAG-HFS-39	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-08-2002	20	181	0.70	0.07	70.92	N
318	SAG-HFS-114	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-08-2005	19	196	9.23	0.01	70.88	N
319	SAG-HS-10645	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-10-2015	25	142	10.22	0.22	70.51	Y
320	ABC-CB-815	ANIMAL BREEDING CENTRE, SALON	29-07-2014	22	178	-7.71	-0.19	70.47	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	GBV Fat yield	GBV Fat %	REL (%)	Genotype status (Y/N)
321	ULD-HFGR-875	DFSPC, RISHIKESH.	20-08-2012	21	168	7.63	-0.09	70.06	Y

Trait: 305 Day SNF Yield & %

Species: Cattle

Breed: HF Crossbred

Date of estimation: 29 December 2023

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
1	SAG-HFS-46	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2003	210	2122	10.82	0.24	95.27	Y
2	SAG-JIGAR	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2001	154	1562	36.62	0.84	95.07	N
3	SAG-HFG-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-05-2008	191	1937	- 12.27	- 0.35	95.02	N
4	SAG-HFS-134	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-05-2008	167	1683	33.24	0.80	94.58	Y
5	SAG-HFS-117	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-08-2006	183	1815	15.57	0.21	94.49	Y
6	SAG-HFS-121	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-03-2007	159	1540	38.26	0.71	94.35	Y
7	SAG-HFG-12	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2007	169	1645	4.35	0.09	94.17	N
8	SAG-HFS-108	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2005	154	1375	48.57	1.19	94.07	Y
9	SAG-HFS-143	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-10-2009	171	1659	- 29.15	- 1.10	94.05	Y
10	SAG-HFG-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-06-2010	171	1759	25.17	0.56	94.04	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
11	SAG-HFK-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2009	163	1641	9.56	0.04	93.94	Y
12	SAG-HFG-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-07-2008	158	1587	30.72	0.68	93.82	Y
13	SAG-HFK-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2008	153	1507	1.85	-0.07	93.74	Y
14	ABC-CB-434	ANIMAL BREEDING CENTRE, SALON	30-01-2009	150	1516	3.88	-0.17	93.48	Y
15	SAG-HFG-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2007	141	1378	8.04	0.31	93.21	Y
16	SAG-HFK-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-12-2005	141	1388	-8.54	-0.25	93.12	Y
17	SAG-HFS-119	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2006	117	1111	-4.65	-0.21	93.02	Y
18	SAG-HFG-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2011	137	1366	26.31	0.65	93.00	Y
19	SAG-HFS-70	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	134	1248	25.86	0.57	93.00	Y
20	SAG-HFS-124	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2005	140	1390	16.95	0.33	92.98	Y
21	SAG-HFS-606	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-03-2012	143	1417	30.97	0.78	92.98	Y
22	SAG-HFS-95	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-05-2005	128	1134	73.45	1.21	92.93	Y
23	SAG-HFS-151	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-03-2011	132	1312	33.78	0.76	92.92	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
24	SAG-HFG-16	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-12-2008	135	1367	52.06	1.00	92.90	Y
25	SAG-HFS-123	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2006	138	1362	25.95	0.65	92.83	Y
26	SAG-HX-10005	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-05-2013	135	1339	21.92	0.75	92.79	Y
27	DUR-CBHF-211	PASHU SANVARDHAN KENDRA, JAGUDAN	27-10-2010	134	1297	- 13.85	- 0.06	92.73	Y
28	ABC-CB-353	ANIMAL BREEDING CENTRE, SALON	04-04-2006	127	1273	-4.92	- 0.11	92.67	Y
29	SAG-HFS-83	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2003	118	1048	62.09	1.29	92.67	Y
30	SAG-HFS-120	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-09-2006	124	1192	85.38	1.55	92.65	Y
31	SAG-HFG-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	130	1324	-4.73	- 0.23	92.62	Y
32	SAG-HFS-609	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-08-2012	130	1299	11.14	0.39	92.60	Y
33	SAG-HX-10003	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-11-2012	132	1262	- 14.26	- 0.26	92.57	Y
34	DSU-CBHF-13	DAMA SEMEN PRODUCTION UNIT	25-08-2010	130	1294	- 13.48	- 0.33	92.53	Y
35	SAG-HFS-129	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2007	97	921	4.48	0.04	92.53	N
36	SAG-HFS-155	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2011	131	1301	14.56	0.33	92.45	Y
37	SAG-HFS-36	SABARMATI ASHRAM	21-01-2002	115	1142	27.00	0.36	92.45	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
38	SAG-HFS-620	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-05-2012	128	1201	- 31.48	- 0.83	92.43	Y
39	ABC-CB-183	ANIMAL BREEDING CENTRE, SALON	03-07-2003	127	1259	15.17	0.44	92.40	Y
40	SAG-HFG-19	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-07-2009	122	1227	6.79	0.06	92.39	Y
41	SAG-HFS-611	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2012	125	1206	49.38	1.17	92.37	Y
42	SAG-HFS-153	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-07-2011	127	1262	- 20.64	- 0.83	92.36	Y
43	SAG-HK-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	135	1276	- 17.19	- 0.43	92.36	Y
44	SAG-HFS-602	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2011	126	1205	- 11.91	- 0.15	92.36	Y
45	DUR-CBHF-210	PASHU SANVARDHAN KENDRA, JAGUDAN	03-12-2010	131	1289	-3.81	0.16	92.35	Y
46	SAG-HFS-612	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-08-2012	122	1166	14.61	0.55	92.28	Y
47	SAG-HFG-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-08-2008	125	1213	- 47.71	- 1.67	92.28	Y
48	SAG-HFS-154	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-04-2012	119	1189	3.94	0.08	92.27	Y
49	SAG-HFS-144	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2010	120	1199	22.87	0.44	92.26	Y
50	SAG-HFS-122	SABARMATI ASHRAM	11-09-2007	122	1173	26.66	0.54	92.25	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
51	SAG-HFS-148	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-11-2011	120	1187	11.59	0.20	92.21	Y
52	SAG-HFS-66	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2003	104	897	41.57	0.86	92.14	Y
53	SAG-HFS-147	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2010	122	1212	15.08	0.31	92.11	Y
54	SAG-HFK-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	124	1260	-2.92	-0.37	92.11	Y
55	ABC-CB-453	ANIMAL BREEDING CENTRE, SALON	06-01-2009	126	1256	-41.65	-1.22	92.11	Y
56	SAG-HFS-127	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-04-2006	117	1116	-22.84	-0.36	92.10	Y
57	DUR-CBHF-212	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2011	121	1186	-4.12	0.20	92.10	Y
58	ABC-CB-696	ANIMAL BREEDING CENTRE, SALON	08-04-2009	126	1236	14.67	0.47	92.04	Y
59	DUR-CBHF-184	PASHU SANVARDHAN KENDRA, JAGUDAN	17-12-2006	122	1221	0.03	0.32	92.03	Y
60	SAG-HFG-10	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2007	117	1123	0.21	0.17	91.98	Y
61	ABC-HK-20770	ANIMAL BREEDING CENTRE, SALON	23-01-2014	121	1156	0.93	0.30	91.97	Y
62	SAG-HFS-103	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2005	114	1120	-6.60	-0.32	91.95	Y
63	SAG-HFS-132	SABARMATI ASHRAM	19-02-2008	114	1168	13.44	0.15	91.92	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
64	SAG-HFS-607	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-02-2012	114	1101	4.23	-0.01	91.91	Y
65	ABC-CB-230	ANIMAL BREEDING CENTRE, SALON	04-08-2005	119	1145	-16.37	-0.40	91.89	Y
66	SAG-HFS-617	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-10-2012	114	1068	0.86	0.14	91.81	Y
67	SAG-HFG-26	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2011	115	1145	36.11	1.01	91.78	Y
68	SAG-HFK-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-04-2006	116	1115	-30.92	-0.90	91.77	Y
69	SAG-HFK-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2005	116	1117	-2.95	-0.20	91.77	Y
70	SAG-HFS-113	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-09-2005	113	1141	4.45	0.21	91.70	Y
71	DSU-CBHF-15	DAMA SEMEN PRODUCTION UNIT	15-08-2010	115	1107	1.21	0.02	91.70	Y
72	SAG-HFK-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-05-2004	113	1084	-10.05	-0.41	91.63	Y
73	ABC-CB-417	ANIMAL BREEDING CENTRE, SALON	02-08-2009	114	1143	13.63	0.43	91.63	Y
74	SAG-HFS-145	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2010	105	1073	29.87	0.68	91.57	Y
75	SAG-HFS-130	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-06-2005	115	1108	24.55	0.55	91.56	Y
76	ABC-CB-480	ANIMAL BREEDING CENTRE, SALON	22-05-2010	109	1091	-8.67	-0.20	91.56	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
77	SAG-HFS-80	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-06-2004	103	839	18.03	1.01	91.54	Y
78	SAG-HFS-126	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-07-2006	104	1005	3.00	0.28	91.52	Y
79	ABC-CB-577	ANIMAL BREEDING CENTRE, SALON	06-01-2012	111	1050	11.84	0.30	91.41	Y
80	ABC-HG-20772	ANIMAL BREEDING CENTRE, SALON	21-08-2013	112	1002	14.55	0.47	91.41	Y
81	SAG-HFG-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2007	110	1121	-22.76	-0.72	91.39	Y
82	DUR-CBHF-213	PASHU SANVARDHAN KENDRA, JAGUDAN	09-04-2011	112	1052	-28.60	-0.65	91.35	Y
83	SAG-HFS-616	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-07-2012	105	1033	25.60	0.75	91.34	Y
84	ABC-CB-381	ANIMAL BREEDING CENTRE, SALON	02-08-2007	99	981	20.53	0.44	91.33	Y
85	SAG-HFG-502	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-05-2012	110	1081	-21.96	-0.65	91.31	Y
86	ABC-CB-484	ANIMAL BREEDING CENTRE, SALON	25-09-2010	106	1016	-9.55	-0.26	91.26	Y
87	SAG-HFG-504	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-12-2011	102	1004	-23.19	-0.38	91.23	Y
88	ABC-CB-362	ANIMAL BREEDING CENTRE, SALON	01-10-2008	107	1068	11.48	0.17	91.22	Y
89	SAG-HFS-131	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-03-2008	97	966	56.84	1.07	91.17	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
90	ABC-CB-340	ANIMAL BREEDING CENTRE, SALON	03-08-2008	104	1052	47.18	1.09	91.16	Y
91	SAG-HFS-605	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2011	103	994	-1.19	0.01	91.12	Y
92	SAG-HX-10001	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	103	1032	40.67	1.24	91.11	Y
93	DUR-CBHF-198	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2009	108	1056	21.25	0.68	91.09	Y
94	ALM-HS-40057	ALAMADHI SEMEN STATION	01-02-2012	104	981	8.80	0.16	91.09	Y
95	ABC-CB-485	ANIMAL BREEDING CENTRE, SALON	02-10-2010	103	1029	2.31	0.21	91.04	Y
96	SAG-HFS-86	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-08-2004	101	868	16.73	0.52	91.03	Y
97	SAG-HFS-137	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2007	98	991	17.58	0.39	91.03	Y
98	SAG-HFS-140	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-07-2009	102	1013	-16.20	-0.44	91.02	Y
99	DSU-CBHF-18	DAMA SEMEN PRODUCTION UNIT	25-10-2011	107	988	-13.67	0.02	91.02	Y
100	SAG-HFS-138	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-12-2008	102	1045	10.86	0.11	91.02	Y
101	DUR-CBHF-200	PASHU SANVARDHAN KENDRA, JAGUDAN	15-04-2009	107	1028	13.54	0.35	90.98	Y
102	SAG-HFK-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-09-2004	98	820	39.47	0.96	90.98	Y
103	ABC-CB-512	ANIMAL BREEDING	13-09-2011	106	960	-7.11	-0.10	90.96	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		CENTRE, SALON							
104	ABC-CB-330	ANIMAL BREEDING CENTRE, SALON	20-12-2006	102	1012	2.49	0.08	90.95	Y
105	ABC-CB-314	ANIMAL BREEDING CENTRE, SALON	01-09-2006	101	1003	3.06	0.00	90.92	Y
106	SAG-HFS-603	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-01-2012	102	1003	12.72	0.29	90.88	Y
107	ABC-CB-418	ANIMAL BREEDING CENTRE, SALON	29-09-2009	103	1027	- 21.96	- 0.69	90.87	Y
108	SAG-HFS-149	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2011	97	989	34.54	0.67	90.86	Y
109	SAG-HFG-24	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-05-2010	98	967	-5.84	- 0.09	90.82	Y
110	ABC-CB-244	ANIMAL BREEDING CENTRE, SALON	23-01-2005	101	1017	38.51	0.84	90.81	Y
111	SAG-HX-10007	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-02-2013	101	980	4.32	0.18	90.78	Y
112	SAG-HG-10509	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-04-2014	100	945	5.54	0.25	90.76	Y
113	ABC-CB-240	ANIMAL BREEDING CENTRE, SALON	14-04-2004	100	1014	21.42	0.30	90.75	Y
114	SAG-HFS-141	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-03-2008	97	979	9.16	0.01	90.68	Y
115	SAG-HFS-610	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2011	97	934	8.19	0.33	90.68	Y
116	DUR-CBHF-202	PASHU SANVARDHAN	09-12-2009	100	1007	17.10	0.56	90.67	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		KENDRA, JAGUDAN							
117	DUR-CBHF-215	PASHU SANVARDHAN KENDRA, JAGUDAN	24-09-2011	100	962	32.70	0.80	90.65	Y
118	SAG-HS-10633	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-10-2014	97	887	7.06	0.13	90.61	Y
119	ALM-HS-40006	ALAMADHI SEMEN STATION	09-08-2012	90	880	36.94	0.80	90.58	Y
120	SAG-HFS-116	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2006	96	883	14.76	0.15	90.55	Y
121	DUR-CBHF-206	PASHU SANVARDHAN KENDRA, JAGUDAN	05-06-2010	97	917	26.46	0.82	90.50	Y
122	SAG-HFS-101	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2005	93	767	13.77	0.31	90.50	Y
123	ABC-CB-477	ANIMAL BREEDING CENTRE, SALON	12-03-2010	96	951	30.14	0.70	90.48	Y
124	SAG-HFS-125	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2006	95	923	40.10	0.60	90.43	Y
125	SAG-HS-10625	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-03-2013	97	922	25.90	0.74	90.40	Y
126	SAG-HFK-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2009	95	885	-11.03	-0.13	90.40	Y
127	SAG-HFS-613	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-02-2012	96	937	-34.06	-0.76	90.33	Y
128	SAG-HX-10012	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-07-2013	92	875	-4.99	0.09	90.33	Y
129	DUR-CBHF-203	PASHU SANVARDHAN KENDRA, JAGUDAN	21-02-2010	91	903	63.22	1.53	90.31	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
130	DUR-CBHF-192	PASHU SANVARDHAN KENDRA, JAGUDAN	24-11-2007	97	942	16.12	0.68	90.31	Y
131	ABC-CB-379	ANIMAL BREEDING CENTRE, SALON	13-05-2007	88	895	25.74	0.47	90.30	Y
132	SAG-HFS-615	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-11-2012	99	942	0.60	0.14	90.24	Y
133	SAG-HFS-84	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-12-2003	86	716	-1.30	0.77	90.24	N
134	SAG-HG-10511	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-02-2014	91	867	-1.51	0.07	90.15	Y
135	DSU-CBHF-9	DAMA SEMEN PRODUCTION UNIT	10-04-2010	96	962	24.22	0.67	90.13	Y
136	SAG-HX-10009	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	90	862	49.72	1.14	90.09	Y
137	ABC-CB-528	ANIMAL BREEDING CENTRE, SALON	09-07-2010	89	841	12.42	0.25	90.04	N
138	ALM-HX-40018	ALAMADHI SEMEN STATION	07-01-2014	82	780	23.96	0.44	90.03	Y
139	SAG-HS-10621	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2012	87	828	32.92	0.92	90.02	Y
140	SAG-HFS-102	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-02-2005	78	774	49.28	0.95	90.02	N
141	SAG-HFG-505	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2012	89	884	-19.12	-0.20	90.01	Y
142	SAG-HFS-98	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2005	86	738	14.67	0.11	89.98	Y
143	ABC-CB-695	ANIMAL BREEDING	10-10-2009	95	906	18.39	0.51	89.98	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		CENTRE, SALON							
144	SAG-HFS-146	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2009	91	930	35.13	0.61	89.98	Y
145	DUR-CBHF-216	PASHU SANVARDHAN KENDRA, JAGUDAN	10-07-2011	93	921	0.20	0.24	89.97	Y
146	SAG-HFS-115	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-02-2006	87	844	-4.28	- 0.03	89.97	Y
147	ABC-HS-20730	ANIMAL BREEDING CENTRE, SALON	28-05-2013	94	902	2.32	0.17	89.96	Y
148	ABC-HS-20814	ANIMAL BREEDING CENTRE, SALON	04-08-2014	91	801	28.10	0.76	89.95	Y
149	SAG-HFG-506	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-08-2012	93	883	-6.49	0.09	89.95	Y
150	ABC-CB-533	ANIMAL BREEDING CENTRE, SALON	19-11-2011	91	896	- 17.79	- 0.37	89.94	Y
151	SAG-HFS-619	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-02-2012	92	868	8.44	0.52	89.93	Y
152	DSU-CBHF-14	DAMA SEMEN PRODUCTION UNIT	14-09-2010	92	878	-3.77	- 0.12	89.89	Y
153	ABC-CB-454	ANIMAL BREEDING CENTRE, SALON	23-03-2009	90	905	22.28	0.58	89.85	Y
154	SAG-HS-10632	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-09-2014	89	821	21.38	0.60	89.84	Y
155	SAG-HFG-05	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-05-2003	89	717	1.59	0.07	89.79	N
156	SAG-HFS-91	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-10-2004	83	715	14.36	- 0.12	89.77	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
157	SAG-HFS-79	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-02-2004	80	708	25.95	1.05	89.75	Y
158	SAG-HX-10011	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-06-2013	84	801	15.88	0.44	89.72	Y
159	SAG-HFG-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-02-2010	86	885	57.17	1.14	89.68	Y
160	SAG-HFS-601	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2010	84	858	15.74	0.53	89.68	Y
161	SAG-HX-10019	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-01-2013	86	830	46.89	1.12	89.66	Y
162	DUR-CBHF-205	PASHU SANVARDHAN KENDRA, JAGUDAN	01-03-2010	88	848	- 29.83	- 0.73	89.65	Y
163	SAG-HS-10638	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2015	88	792	26.11	0.55	89.65	Y
164	SAG-HFS-94	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-01-2004	83	684	6.32	0.50	89.63	Y
165	SAG-HFS-608	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-11-2011	85	832	30.43	0.76	89.63	Y
166	SAG-HS-10630	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-11-2014	83	776	- 32.16	- 0.92	89.59	Y
167	SAG-HFG-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2010	81	811	32.34	0.53	89.51	Y
168	ABC-CB-697	ANIMAL BREEDING CENTRE, SALON	18-09-2009	89	878	-6.52	0.04	89.47	Y
169	ALM-HS-40001	ALAMADHI SEMEN STATION	17-08-2012	77	717	17.69	0.42	89.46	Y
170	SAG-HG-10510	SABARMATI ASHRAM	03-02-2014	84	788	26.98	0.48	89.40	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
171	SAG-HX-10024	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2014	89	817	33.22	0.87	89.38	Y
172	SAG-HFG-503	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-09-2011	83	789	20.44	0.51	89.34	Y
173	ABC-CB-564	ANIMAL BREEDING CENTRE, SALON	19-04-2011	89	854	- 43.80	- 1.21	89.27	Y
174	SAG-HFS-128	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-01-2008	81	832	25.99	0.49	89.26	Y
175	SAG-HFS-100	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-07-2005	76	633	38.80	1.01	89.23	Y
176	DUR-CBHF-194	PASHU SANVARDHAN KENDRA, JAGUDAN	13-03-2008	85	827	3.30	0.46	89.21	Y
177	SAG-HG-10513	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2013	79	707	6.11	0.19	89.21	Y
178	ABC-CB-529	ANIMAL BREEDING CENTRE, SALON	25-09-2011	85	774	31.97	0.99	89.19	Y
179	SAG-HS-10623	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2013	87	810	- 35.13	- 0.92	89.18	Y
180	SAG-HX-10006	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-01-2013	78	684	- 46.05	- 1.19	89.16	Y
181	DUR-CBHF-195	PASHU SANVARDHAN KENDRA, JAGUDAN	22-03-2008	84	811	- 13.87	- 0.02	89.15	Y
182	SAG-HX-10014	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-11-2013	82	774	34.14	0.82	89.07	Y
183	DSU-CBHF-10	DAMA SEMEN PRODUCTION UNIT	11-04-2009	83	838	11.45	0.46	89.06	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
184	SAG-HS-10627	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-02-2014	80	675	17.44	0.39	89.00	Y
185	DUR-CBHF-207	PASHU SANVARDHAN KENDRA, JAGUDAN	06-07-2012	81	815	35.77	0.97	89.00	Y
186	SAG-HS-10639	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-05-2015	79	707	47.06	1.03	88.93	Y
187	SAG-HFG-507	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2011	76	741	6.57	0.14	88.88	Y
188	SAG-HG-10516	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-02-2015	75	650	6.75	0.07	88.83	Y
189	ABC-CB-524	ANIMAL BREEDING CENTRE, SALON	02-10-2011	80	748	14.03	0.55	88.83	Y
190	SAG-HS-10628	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2014	78	679	15.73	0.28	88.81	Y
191	SAG-HFK-27	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-09-2011	77	731	- 11.78	- 0.53	88.77	Y
192	SAG-HX-10023	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-01-2014	79	708	45.40	0.85	88.73	Y
193	SAG-HFK-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-07-2010	77	786	29.99	0.68	88.71	Y
194	ABC-HG-20778	ANIMAL BREEDING CENTRE, SALON	07-03-2014	74	648	- 19.74	- 0.75	88.68	Y
195	ALM-HX-40013	ALAMADHI SEMEN STATION	25-04-2013	74	669	28.18	0.43	88.64	Y
196	ALM-HS-40056	ALAMADHI SEMEN STATION	31-05-2011	74	700	24.37	0.50	88.53	Y
197	DSU-CBHF-16	DAMA SEMEN PRODUCTION UNIT	05-01-2012	77	727	-1.19	- 0.04	88.48	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
198	SAG-HS-10629	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-02-2014	72	633	29.69	0.50	88.42	Y
199	ALM-HX-40012	ALAMADHI SEMEN STATION	25-03-2014	73	715	12.26	0.22	88.39	Y
200	ABC-HG-20856	ANIMAL BREEDING CENTRE, SALON	14-10-2014	74	698	47.81	1.08	88.37	Y
201	SAG-HX-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	76	717	55.11	1.13	88.35	Y
202	ULD-CB-850	DFSPC, RISHIKESH.	19-01-2005	79	744	42.38	0.89	88.34	Y
203	ALM-HX-40015	ALAMADHI SEMEN STATION	03-09-2013	72	676	59.87	1.21	88.34	Y
204	SAG-HG-10512	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-10-2014	70	604	17.36	0.53	88.24	Y
205	SAG-HX-10027	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2014	72	643	24.02	0.53	88.19	Y
206	SAG-HFS-85	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-01-2004	66	567	43.99	0.98	88.18	Y
207	ALM-HG-40008	ALAMADHI SEMEN STATION	26-06-2012	73	671	28.38	0.38	88.16	Y
208	SAG-HG-10515	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-12-2014	72	656	12.13	0.40	88.13	Y
209	DUR-CBHF-197	PASHU SANVARDHAN KENDRA, JAGUDAN	11-12-2008	74	710	- 21.93	- 0.78	88.07	Y
210	DSU-CBHF-8	DAMA SEMEN PRODUCTION UNIT	25-11-2008	68	654	- 28.84	- 0.59	88.05	Y
211	SAG-HK-10029	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-01-2014	74	670	5.40	0.05	88.03	Y
212	SAG-HS-10636	SABARMATI ASHRAM	18-03-2015	66	610	14.82	0.40	87.98	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
213	SAG-HX-10026	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2014	70	654	40.90	0.87	87.97	Y
214	ABC-CB-336	ANIMAL BREEDING CENTRE, SALON	13-11-2007	75	752	-2.15	-0.16	87.80	Y
215	SAG-HS-10624	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-09-2013	69	645	37.12	0.74	87.73	Y
216	DUR-CBHF-193	PASHU SANVARDHAN KENDRA, JAGUDAN	18-12-2007	71	697	21.68	0.55	87.71	Y
217	SAG-HX-10015	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-11-2013	69	651	12.24	0.39	87.70	Y
218	ULD-CB-860	DFSPC, RISHIKESH.	12-12-2005	72	722	16.12	0.50	87.64	N
219	ABC-CB-456	ANIMAL BREEDING CENTRE, SALON	13-12-2009	77	720	-25.82	-0.58	87.63	Y
220	ALM-HS-40003	ALAMADHI SEMEN STATION	05-02-2012	70	636	19.96	0.45	87.63	Y
221	SAG-HS-10637	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2015	65	593	-0.31	0.08	87.51	Y
222	ABC-CB-584	ANIMAL BREEDING CENTRE, SALON	24-10-2011	68	632	-3.72	0.01	87.48	Y
223	SAG-HS-10635	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2014	65	576	53.36	1.04	87.45	Y
224	ABC-CB-561	ANIMAL BREEDING CENTRE, SALON	20-12-2009	73	705	6.45	0.27	87.40	Y
225	SAG-HS-10631	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-08-2014	65	564	-3.54	-0.12	87.38	Y
226	ABC-CB-511	ANIMAL BREEDING	08-07-2011	67	623	0.20	0.11	87.38	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		CENTRE, SALON							
227	SAG-HX-10017	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-04-2013	66	600	68.19	1.17	87.30	Y
228	SAG-HFG-501	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-01-2012	69	665	- 14.90	- 0.37	87.23	N
229	SAG-HX-10004	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-12-2012	65	620	34.73	0.83	87.19	Y
230	ALM-HS-40011	ALAMADHI SEMEN STATION	24-03-2013	60	555	32.37	0.79	87.18	Y
231	SAG-HX-10035	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-03-2015	68	619	47.47	0.92	87.12	Y
232	SAG-HX-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-07-2015	67	584	72.41	1.23	87.05	Y
233	SAG-HS-10640	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-07-2015	59	498	13.78	0.62	87.04	Y
234	SAG-HFS-87	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-05-2004	60	493	32.61	0.42	86.98	Y
235	SAG-HS-10626	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-04-2014	58	557	39.82	0.85	86.98	Y
236	SAG-HG-10514	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-11-2013	60	564	7.47	0.56	86.95	Y
237	ALM-HS-40019	ALAMADHI SEMEN STATION	18-01-2014	62	575	30.19	0.69	86.90	Y
238	SAG-HG-10517	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	61	559	22.31	0.35	86.76	Y
239	SAG-HS-10634	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	58	511	-6.76	- 0.30	86.76	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
240	SAG-HX-10020	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2013	62	607	28.08	0.74	86.76	Y
241	SAG-HFS-618	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-07-2012	60	603	20.05	0.65	86.75	Y
242	ULD-HFGR-940	DFSPC, RISHIKESH.	05-07-2013	63	536	11.38	0.22	86.74	Y
243	SAG-HFK-09	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2004	52	418	- 13.50	- 0.16	86.61	N
244	ULD-HFGR-885	DFSPC, RISHIKESH.	20-06-2013	59	490	- 18.74	- 0.50	86.36	Y
245	SAG-HS-10622	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	58	514	24.20	0.49	86.30	Y
246	SAG-HX-10016	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2013	64	581	30.40	0.51	86.16	Y
247	ULD-HFGR-870	DFSPC, RISHIKESH.	25-11-2012	58	538	37.57	0.94	86.10	Y
248	SAG-HS-10643	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2015	57	464	40.48	0.92	86.07	Y
249	ABC-HS-20792	ANIMAL BREEDING CENTRE, SALON	25-02-2014	63	546	17.86	0.34	86.05	Y
250	SAG-HX-10036	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2016	64	520	27.18	0.43	85.93	Y
251	SAG-HX-10044	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-11-2015	61	429	53.61	1.04	85.77	Y
252	SAG-HX-10038	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2015	58	480	24.87	0.52	85.77	Y
253	SAG-HX-10025	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2014	55	519	58.82	1.12	85.76	Y
254	ULD-HFGR-955	DFSPC, RISHIKESH.	19-05-2014	54	474	24.51	0.55	85.75	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
255	ABC-HS-20761	ANIMAL BREEDING CENTRE, SALON	14-08-2014	60	503	17.46	0.44	85.50	Y
256	ABC-CB-331	ANIMAL BREEDING CENTRE, SALON	16-02-2007	57	541	- 43.85	- 1.10	85.48	Y
257	SAG-HX-10040	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2015	53	481	68.08	1.01	85.37	Y
258	SAG-HX-10045	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2015	57	464	57.22	1.04	85.33	Y
259	ABC-HG-20849	ANIMAL BREEDING CENTRE, SALON	09-10-2014	54	429	21.95	0.56	85.23	Y
260	SAG-HS-10651	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-09-2015	54	393	2.60	0.02	85.22	Y
261	SAG-HS-10652	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-10-2015	55	408	- 10.15	- 0.31	85.07	Y
262	ABC-CB-534	ANIMAL BREEDING CENTRE, SALON	21-12-2011	51	461	4.78	0.25	84.89	Y
263	ABC-CB-478	ANIMAL BREEDING CENTRE, SALON	31-01-2011	50	385	- 17.78	- 0.53	84.86	Y
264	SAG-HX-10010	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-10-2013	51	481	- 14.95	- 0.13	84.75	Y
265	SAG-HS-10648	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-11-2015	45	371	22.58	0.64	84.73	Y
266	SAG-HS-10644	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	49	383	50.23	0.97	84.62	Y
267	ULD-HFGR-910	DFSPC, RISHIKESH.	26-01-2013	50	400	16.61	0.50	84.62	Y
268	ABC-HS-20813	ANIMAL BREEDING	03-08-2014	51	391	- 35.29	- 0.92	84.56	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		CENTRE, SALON							
269	SAG-HX-10050	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2016	50	373	17.16	0.16	84.43	Y
270	SAG-HG-10519	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-03-2015	43	360	54.21	1.16	84.36	Y
271	SAG-HFG-08	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-05-2005	52	489	13.81	0.24	84.29	N
272	SAG-HS-10641	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-01-2015	49	434	29.80	0.64	84.20	Y
273	SAG-HX-10034	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-04-2015	50	464	70.13	1.32	84.08	Y
274	SAG-HG-10518	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	48	405	40.06	0.86	83.69	N
275	SAG-HS-10642	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2015	42	361	1.27	0.05	83.58	Y
276	ABC-HS-20721	ANIMAL BREEDING CENTRE, SALON	28-05-2014	48	381	33.49	0.80	83.55	Y
277	SAG-HX-10043	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2015	47	404	61.77	1.19	83.52	Y
278	SAG-HS-10646	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-11-2015	39	295	23.64	0.46	83.50	Y
279	SAG-HS-10647	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2015	41	317	29.13	0.63	83.42	Y
280	SAG-HFG-508	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2012	45	424	26.48	1.12	83.34	Y
281	ABC-HS-20975	ANIMAL BREEDING	02-10-2015	42	280	24.76	0.78	83.30	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		CENTRE, SALON							
282	ABC-HG-20776	ANIMAL BREEDING CENTRE, SALON	17-10-2013	43	356	- 18.29	- 0.43	82.96	Y
283	SAG-HX-10042	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-05-2015	44	338	37.55	0.66	82.91	Y
284	SAG-HX-10041	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-04-2015	48	438	45.58	0.96	82.81	Y
285	SAG-HX-10049	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-01-2016	46	386	75.20	1.32	82.69	Y
286	SAG-HX-10032	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2015	42	364	73.23	1.35	81.86	Y
287	SAG-HX-10018	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-11-2013	38	262	69.10	1.23	81.60	Y
288	SAG-HX-10037	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-06-2015	41	351	26.72	0.43	81.60	Y
289	SAG-HG-10522	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2016	33	248	41.55	0.62	80.90	Y
290	SAG-HX-10039	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2015	41	323	19.25	0.49	80.79	Y
291	SAG-HFS-28	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2000	1	10	17.97	0.41	80.48	Y
292	SAG-HX-10047	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2016	33	263	39.45	1.15	79.14	Y
293	ULD-HFND-960	DFSPC, RISHIKESH.	08-06-2014	36	284	21.96	0.46	78.98	Y
294	SAG-HS-10654	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-01-2016	23	146	25.51	0.52	78.76	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
295	SAG-HS-10653	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-10-2015	28	187	21.87	0.27	78.46	Y
296	SAG-HS-10650	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2016	31	229	17.29	0.40	78.40	Y
297	ABC-HS-20734	ANIMAL BREEDING CENTRE, SALON	25-06-2013	38	257	7.06	0.61	78.28	N
298	SAG-HK-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	27	172	- 13.26	- 0.33	78.08	Y
299	SAG-HS-10649	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2015	27	175	7.74	- 0.03	77.85	Y
300	ABC-CB-851	ANIMAL BREEDING CENTRE, SALON	01-04-2014	27	197	18.61	0.53	77.49	Y
301	SAG-HFS-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2000	4	42	19.16	0.16	77.48	Y
302	ULD-HFGR-965	DFSPC, RISHIKESH.	01-10-2014	26	190	28.28	0.21	77.35	Y
303	ABC-CB-973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	18	94	44.64	0.99	76.98	Y
304	SAG-HFS-81	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2003	12	88	20.83	- 0.01	76.69	Y
305	ABC-HS-20973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	10	65	41.32	0.92	76.12	Y
306	SAG-HS-10656	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2016	23	158	23.95	0.48	76.04	Y
307	SAG-HS-10645	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-10-2015	25	142	31.43	0.78	75.78	Y
308	SAG-HX-10033	SABARMATI ASHRAM	05-02-2015	26	174	39.11	0.64	75.55	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
309	ABC-CB-815	ANIMAL BREEDING CENTRE, SALON	29-07-2014	22	178	- 25.12	- 0.64	75.26	Y
310	BAF-DANAV	BAIF FROSEN SEMEN LABORATORY, PUNE	31-12-2013	28	149	- 17.50	- 0.59	74.77	Y
311	ULD-HFGR-875	DFSPC, RISHIKESH.	20-08-2012	21	168	9.56	0.27	74.61	Y
312	SAG-HFS-48	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-12-2002	9	69	60.70	1.51	74.54	Y
313	SAG-HFS-114	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-08-2005	19	194	21.00	0.36	74.31	N
314	ABC-CB-728	ANIMAL BREEDING CENTRE, SALON	07-03-2013	22	152	- 23.76	- 0.53	73.89	Y
315	SAG-HX-10051	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2016	21	150	12.66	0.34	72.95	Y
316	SAG-HFS-65	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	4	31	11.71	0.16	72.42	Y
317	SAG-HFS-68	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-03-2003	4	29	20.83	0.17	72.19	Y
318	BAF-DAS	BAIF FROSEN SEMEN LABORATORY, PUNE	03-01-2013	21	142	55.06	0.79	71.99	Y
319	SAG-HFG-04	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2002	3	27	23.24	0.53	71.93	N
320	BAF-DINANATH	BAIF FROSEN SEMEN LABORATORY, PUNE	20-06-2014	23	122	6.08	0.05	71.89	Y
321	ULD-HFGR-950	DFSPC, RISHIKESH.	18-07-2013	17	108	-2.35	0.20	71.11	Y
322	BAF-DAVAT	BAIF FROSEN SEMEN	21-07-2015	18	104	-4.68	- 0.09	70.54	N

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	SNF yield GBV	SNF % GBV	REL	Genotype Status (Y/N)
		LABORATORY, PUNE							

Trait: 305 Day Protein Yield & %

Species: Cattle

Breed: HF Crossbred

Date of estimation: 29 December 2023

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
1	SAG-HFS-46	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2003	210	2122	3.66	0.07	95.05	Y
4	SAG-HFS-134	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-05-2008	167	1683	10.69	0.24	94.36	Y
5	SAG-HFS-117	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-08-2006	183	1815	7.34	-0.02	94.23	Y
6	SAG-HFS-121	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-03-2007	159	1540	14.61	0.14	94.12	Y
8	SAG-HFS-108	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2005	154	1375	17.32	0.31	93.80	Y
9	SAG-HFS-143	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-10-2009	171	1659	-11.21	-0.25	93.78	Y
10	SAG-HFG-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-06-2010	171	1759	7.96	0.17	93.76	Y
11	SAG-HFK-22	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2009	163	1641	3.13	0.01	93.66	Y
12	SAG-HFG-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-07-2008	158	1587	11.75	0.14	93.53	Y
13	SAG-HFK-18	SABARMATI ASHRAM	31-08-2008	153	1507	1.71	-0.07	93.44	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
14	ABC-CB-434	ANIMAL BREEDING CENTRE, SALON	30-01-2009	150	1516	0.52	-0.03	93.19	Y
15	SAG-HFG-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2007	141	1378	1.48	0.14	92.91	Y
16	SAG-HFK-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-12-2005	141	1388	-3.78	-0.04	92.81	Y
17	SAG-HFS-119	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2006	117	1111	-1.42	-0.07	92.74	Y
18	SAG-HFG-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2011	137	1366	9.17	0.17	92.68	Y
19	SAG-HFS-70	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	134	1248	9.80	0.12	92.67	Y
20	SAG-HFS-606	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-03-2012	143	1418	11.25	0.19	92.66	Y
21	SAG-HFS-124	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2005	140	1391	7.46	0.03	92.66	Y
22	SAG-HFS-95	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-05-2005	129	1137	25.92	0.29	92.62	Y
23	SAG-HFS-151	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-03-2011	132	1312	12.33	0.18	92.61	Y
24	SAG-HFG-16	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-12-2008	135	1368	21.21	0.16	92.60	Y
25	SAG-HFS-123	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2006	138	1362	10.15	0.14	92.51	Y
26	SAG-HX-10005	SABARMATI ASHRAM	24-05-2013	135	1339	7.89	0.20	92.45	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
27	DUR-CBHF-211	PASHU SANVARDHAN KENDRA, JAGUDAN	27-10-2010	134	1298	-5.86	0.04	92.40	Y
28	SAG-HFS-83	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2003	118	1048	22.53	0.31	92.34	Y
30	ABC-CB-353	ANIMAL BREEDING CENTRE, SALON	04-04-2006	127	1274	-2.43	0.00	92.34	Y
31	SAG-HFS-120	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-09-2006	124	1192	28.39	0.44	92.33	Y
32	SAG-HFG-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	130	1324	-2.19	-0.04	92.30	Y
33	SAG-HFS-609	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-08-2012	130	1299	4.71	0.08	92.27	Y
34	SAG-HX-10003	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-11-2012	132	1263	-4.78	-0.07	92.23	Y
35	DSU-CBHF-13	DAMA SEMEN PRODUCTION UNIT	25-08-2010	130	1294	-5.19	-0.07	92.20	Y
36	SAG-HFS-36	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-01-2002	115	1142	12.11	-0.01	92.13	Y
37	SAG-HFS-155	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-09-2011	131	1301	5.96	0.06	92.11	Y
38	SAG-HFS-620	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-05-2012	128	1201	-10.23	-0.24	92.09	Y
39	SAG-HFG-19	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-07-2009	122	1227	1.84	0.03	92.06	Y
40	ABC-CB-183	ANIMAL BREEDING CENTRE, SALON	03-07-2003	127	1259	6.54	0.08	92.06	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
41	SAG-HFS-153	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-07-2011	127	1262	-8.19	-0.19	92.02	Y
42	SAG-HFS-611	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2012	125	1206	17.66	0.30	92.01	Y
43	SAG-HFS-602	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2011	126	1205	-3.22	-0.07	91.99	Y
44	DUR-CBHF-210	PASHU SANVARDHAN KENDRA, JAGUDAN	03-12-2010	131	1289	-2.05	0.08	91.98	Y
45	SAG-HK-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	135	1277	-7.04	-0.07	91.98	Y
46	SAG-HFG-18	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-08-2008	125	1213	-18.23	-0.37	91.95	Y
47	SAG-HFS-612	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-08-2012	122	1166	5.61	0.14	91.95	Y
48	SAG-HFS-154	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-04-2012	119	1189	1.10	0.03	91.94	Y
49	SAG-HFS-144	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2010	120	1199	8.37	0.10	91.92	Y
50	SAG-HFS-122	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-09-2007	122	1174	10.33	0.10	91.91	Y
51	SAG-HFS-148	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-11-2011	120	1187	4.98	0.02	91.87	Y
52	SAG-HFS-66	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2003	104	897	13.61	0.25	91.78	Y
53	SAG-HFK-17	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-02-2009	124	1260	0.54	-0.17	91.78	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
54	SAG-HFS-147	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2010	122	1212	5.15	0.08	91.76	Y
55	ABC-CB-453	ANIMAL BREEDING CENTRE, SALON	06-01-2009	126	1256	-15.65	-0.26	91.76	Y
56	SAG-HFS-127	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-04-2006	117	1116	-7.75	-0.09	91.76	Y
57	DUR-CBHF-212	PASHU SANVARDHAN KENDRA, JAGUDAN	15-01-2011	121	1186	-1.82	0.08	91.73	Y
58	DUR-CBHF-184	PASHU SANVARDHAN KENDRA, JAGUDAN	17-12-2006	122	1221	0.46	0.08	91.66	Y
59	ABC-CB-696	ANIMAL BREEDING CENTRE, SALON	08-04-2009	126	1237	4.27	0.16	91.65	Y
60	SAG-HFG-10	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2007	117	1123	-0.61	0.08	91.64	Y
61	SAG-HFS-103	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-08-2005	114	1120	-1.29	-0.13	91.60	Y
62	ABC-HK-20770	ANIMAL BREEDING CENTRE, SALON	23-01-2014	121	1156	-1.09	0.15	91.59	Y
63	SAG-HFS-132	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2008	114	1168	6.03	-0.02	91.58	Y
64	SAG-HFS-607	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-02-2012	114	1101	1.69	-0.02	91.57	Y
65	ABC-CB-230	ANIMAL BREEDING CENTRE, SALON	04-08-2005	119	1145	-5.32	-0.12	91.51	Y
66	SAG-HFS-617	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-10-2012	114	1068	0.69	0.03	91.45	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
67	SAG-HFK-15	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2005	116	1117	-0.20	-0.09	91.41	Y
68	SAG-HFG-26	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2011	115	1145	13.04	0.26	91.41	Y
69	SAG-HFK-14	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-04-2006	116	1115	-10.17	-0.26	91.40	Y
70	SAG-HFS-113	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-09-2005	113	1141	1.76	0.05	91.38	Y
71	DSU-CBHF-15	DAMA SEMEN PRODUCTION UNIT	15-08-2010	115	1107	1.04	-0.02	91.32	Y
72	SAG-HFK-13	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-05-2004	113	1084	-3.74	-0.11	91.28	Y
73	ABC-CB-417	ANIMAL BREEDING CENTRE, SALON	02-08-2009	114	1143	5.04	0.11	91.26	Y
74	SAG-HFS-145	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2010	105	1073	9.81	0.20	91.20	Y
75	ABC-CB-480	ANIMAL BREEDING CENTRE, SALON	22-05-2010	109	1091	-3.53	-0.03	91.20	Y
76	SAG-HFS-130	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-06-2005	115	1108	11.31	0.05	91.18	Y
77	SAG-HFS-126	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-07-2006	104	1005	0.87	0.09	91.14	Y
78	SAG-HFS-80	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-06-2004	103	839	6.49	0.29	91.14	Y
79	SAG-HFG-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2007	110	1121	-8.23	-0.18	91.03	Y
80	ABC-CB-577	ANIMAL BREEDING	06-01-2012	111	1052	2.73	0.13	91.02	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		CENTRE, SALON							
81	ABC-CB-381	ANIMAL BREEDING CENTRE, SALON	02-08-2007	99	981	7.32	0.11	91.02	Y
82	ABC-HG-20772	ANIMAL BREEDING CENTRE, SALON	21-08-2013	112	1002	3.47	0.18	91.01	Y
83	SAG-HFS-616	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-07-2012	105	1033	9.60	0.18	90.98	Y
84	DUR-CBHF-213	PASHU SANVARDHAN KENDRA, JAGUDAN	09-04-2011	112	1052	-10.30	-0.15	90.95	Y
85	SAG-HFG-502	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-05-2012	110	1081	-8.13	-0.15	90.92	Y
86	ABC-CB-484	ANIMAL BREEDING CENTRE, SALON	25-09-2010	106	1016	-4.10	-0.04	90.88	Y
87	SAG-HFG-504	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-12-2011	102	1004	-8.53	-0.07	90.87	Y
88	ABC-CB-362	ANIMAL BREEDING CENTRE, SALON	01-10-2008	107	1068	4.12	0.03	90.85	Y
89	SAG-HFS-131	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-03-2008	97	966	20.25	0.26	90.80	Y
90	ABC-CB-340	ANIMAL BREEDING CENTRE, SALON	03-08-2008	104	1052	15.38	0.32	90.77	Y
91	SAG-HFS-605	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2011	103	994	-0.24	0.00	90.73	Y
92	SAG-HX-10001	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	103	1032	13.80	0.36	90.72	Y
93	DUR-CBHF-198	PASHU SANVARDHAN	15-01-2009	108	1056	8.08	0.16	90.70	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		KENDRA, JAGUDAN							
94	ALM-HS-40057	ALAMADHI SEMEN STATION	01-02-2012	104	981	3.09	0.04	90.70	Y
95	SAG-HFS-137	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2007	98	991	4.70	0.15	90.67	Y
96	ABC-CB-485	ANIMAL BREEDING CENTRE, SALON	02-10-2010	103	1029	1.10	0.05	90.66	Y
97	SAG-HFS-138	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-12-2008	102	1045	1.73	0.09	90.64	Y
98	SAG-HFS-140	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-07-2009	102	1013	-5.35	-0.13	90.63	Y
99	SAG-HFS-86	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-08-2004	101	868	4.31	0.20	90.61	Y
100	DSU-CBHF-18	DAMA SEMEN PRODUCTION UNIT	25-10-2011	107	988	-5.57	0.06	90.60	Y
101	SAG-HFK-11	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-09-2004	98	820	13.23	0.27	90.59	Y
102	DUR-CBHF-200	PASHU SANVARDHAN KENDRA, JAGUDAN	15-04-2009	107	1028	5.48	0.07	90.59	Y
103	ABC-CB-330	ANIMAL BREEDING CENTRE, SALON	20-12-2006	102	1012	1.94	-0.02	90.56	Y
104	ABC-CB-512	ANIMAL BREEDING CENTRE, SALON	13-09-2011	106	960	-2.50	-0.02	90.54	Y
105	ABC-CB-314	ANIMAL BREEDING CENTRE, SALON	01-09-2006	101	1003	0.15	0.03	90.53	Y
106	SAG-HFS-603	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-01-2012	102	1003	5.06	0.05	90.50	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
107	ABC-CB-418	ANIMAL BREEDING CENTRE, SALON	29-09-2009	103	1028	-8.68	-0.14	90.48	Y
108	SAG-HFS-149	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2011	97	989	12.54	0.16	90.47	Y
109	SAG-HFG-24	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-05-2010	98	967	-1.18	-0.05	90.42	Y
110	ABC-CB-244	ANIMAL BREEDING CENTRE, SALON	23-01-2005	101	1017	12.06	0.26	90.39	Y
111	SAG-HX-10007	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-02-2013	101	980	0.24	0.10	90.38	Y
112	ABC-CB-240	ANIMAL BREEDING CENTRE, SALON	14-04-2004	100	1014	8.30	0.04	90.37	Y
113	SAG-HG-10509	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-04-2014	100	945	0.84	0.11	90.36	Y
114	SAG-HFS-141	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-03-2008	97	979	3.88	-0.03	90.29	Y
115	SAG-HFS-610	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-10-2011	97	934	2.49	0.11	90.27	Y
116	DUR-CBHF-202	PASHU SANVARDHAN KENDRA, JAGUDAN	09-12-2009	100	1008	5.69	0.16	90.27	Y
117	DUR-CBHF-215	PASHU SANVARDHAN KENDRA, JAGUDAN	24-09-2011	100	962	11.69	0.20	90.24	Y
118	SAG-HS-10633	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-10-2014	97	887	2.17	0.04	90.21	Y
119	ALM-HS-40006	ALAMADHI SEMEN STATION	09-08-2012	90	880	13.78	0.18	90.20	Y
120	SAG-HFS-116	SABARMATI ASHRAM	24-04-2006	96	883	3.96	0.07	90.13	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
121	ABC-CB-477	ANIMAL BREEDING CENTRE, SALON	12-03-2010	96	951	10.01	0.20	90.08	Y
122	SAG-HFS-101	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2005	93	767	3.41	0.13	90.08	Y
123	DUR-CBHF-206	PASHU SANVARDHAN KENDRA, JAGUDAN	05-06-2010	97	917	9.94	0.20	90.08	Y
124	SAG-HFS-125	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-05-2006	95	923	13.93	0.14	90.05	Y
125	SAG-HS-10625	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-03-2013	97	923	8.04	0.23	89.99	Y
126	SAG-HFK-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2009	95	885	-5.38	0.03	89.98	Y
127	SAG-HX-10012	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-07-2013	92	875	-1.93	0.04	89.91	Y
128	ABC-CB-379	ANIMAL BREEDING CENTRE, SALON	13-05-2007	88	895	8.23	0.14	89.91	Y
129	SAG-HFS-613	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-02-2012	96	937	-12.51	-0.16	89.91	Y
130	DUR-CBHF-203	PASHU SANVARDHAN KENDRA, JAGUDAN	21-02-2010	91	903	22.64	0.40	89.89	Y
131	DUR-CBHF-192	PASHU SANVARDHAN KENDRA, JAGUDAN	24-11-2007	97	942	6.93	0.15	89.87	Y
133	SAG-HFS-615	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-11-2012	99	942	1.59	-0.01	89.81	Y
135	SAG-HG-10511	SABARMATI ASHRAM	21-02-2014	91	867	-0.47	0.02	89.73	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
136	DSU-CBHF-9	DAMA SEMEN PRODUCTION UNIT	10-04-2010	96	962	7.45	0.21	89.72	Y
137	SAG-HX-10009	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2013	90	863	17.96	0.29	89.67	Y
139	ALM-HX-40018	ALAMADHI SEMEN STATION	07-01-2014	82	780	8.05	0.12	89.61	Y
140	SAG-HS-10621	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-10-2012	87	828	11.45	0.25	89.60	Y
141	SAG-HFG-505	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2012	89	884	-6.44	-0.04	89.59	Y
142	SAG-HFS-146	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-09-2009	91	930	13.20	0.12	89.58	Y
143	SAG-HFS-98	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-09-2005	86	739	6.57	-0.04	89.56	Y
144	SAG-HFS-115	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-02-2006	87	844	-1.14	-0.02	89.56	Y
145	DUR-CBHF-216	PASHU SANVARDHAN KENDRA, JAGUDAN	10-07-2011	93	922	0.47	0.06	89.54	Y
146	ABC-CB-695	ANIMAL BREEDING CENTRE, SALON	10-10-2009	95	906	5.06	0.18	89.52	Y
147	ABC-CB-533	ANIMAL BREEDING CENTRE, SALON	19-11-2011	91	896	-6.62	-0.07	89.51	Y
148	SAG-HFG-506	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-08-2012	93	885	-0.71	-0.02	89.50	Y
149	ABC-HS-20730	ANIMAL BREEDING CENTRE, SALON	28-05-2013	94	904	0.30	0.07	89.50	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
150	SAG-HFS-619	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-02-2012	92	868	1.97	0.19	89.49	Y
151	ABC-HS-20814	ANIMAL BREEDING CENTRE, SALON	04-08-2014	91	803	9.84	0.20	89.48	Y
152	DSU-CBHF-14	DAMA SEMEN PRODUCTION UNIT	14-09-2010	92	878	-1.33	-0.03	89.46	Y
153	ABC-CB-454	ANIMAL BREEDING CENTRE, SALON	23-03-2009	90	905	7.85	0.15	89.43	Y
154	SAG-HS-10632	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-09-2014	89	821	6.28	0.20	89.41	Y
155	SAG-HFS-91	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-10-2004	83	715	4.55	-0.04	89.32	Y
156	SAG-HFS-79	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-02-2004	80	708	12.13	0.20	89.31	Y
157	SAG-HX-10011	SABARMATI ASHRAM GAUSHALA, BIDAJ	06-06-2013	84	801	4.69	0.15	89.30	Y
159	SAG-HFG-23	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-02-2010	86	885	20.52	0.28	89.26	Y
160	SAG-HFS-601	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2010	84	859	6.59	0.11	89.25	Y
161	SAG-HX-10019	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-01-2013	86	830	16.55	0.29	89.23	Y
162	SAG-HS-10638	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-06-2015	88	793	9.30	0.13	89.20	Y
163	DUR-CBHF-205	PASHU SANVARDHAN KENDRA, JAGUDAN	01-03-2010	88	849	-10.64	-0.17	89.19	Y
164	SAG-HFS-608	SABARMATI ASHRAM	04-11-2011	85	832	11.79	0.16	89.19	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
165	SAG-HFS-94	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-01-2004	83	685	1.67	0.17	89.17	Y
166	SAG-HS-10630	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-11-2014	83	776	-12.22	-0.19	89.16	Y
167	SAG-HFG-20	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-09-2010	81	811	10.54	0.15	89.09	Y
168	ALM-HS-40001	ALAMADHI SEMEN STATION	17-08-2012	77	717	4.72	0.16	89.06	Y
169	ABC-CB-697	ANIMAL BREEDING CENTRE, SALON	18-09-2009	89	878	-2.37	0.02	89.00	Y
170	SAG-HG-10510	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-02-2014	84	788	10.22	0.09	88.94	Y
171	SAG-HX-10024	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-04-2014	89	820	11.29	0.24	88.91	Y
172	SAG-HFG-503	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-09-2011	83	789	8.49	0.09	88.90	Y
173	SAG-HFS-128	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-01-2008	81	832	10.66	0.07	88.82	Y
174	ABC-CB-564	ANIMAL BREEDING CENTRE, SALON	19-04-2011	89	854	-16.27	-0.26	88.79	Y
175	SAG-HFS-100	SABARMATI ASHRAM GAUSHALA, BIDAJ	26-07-2005	76	633	13.95	0.26	88.77	Y
176	SAG-HG-10513	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-09-2013	79	711	2.10	0.05	88.77	Y
177	DUR-CBHF-194	PASHU SANVARDHAN KENDRA, JAGUDAN	13-03-2008	85	827	1.47	0.13	88.74	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
178	SAG-HX-10006	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-01-2013	78	684	-16.60	-0.27	88.73	Y
179	ABC-CB-529	ANIMAL BREEDING CENTRE, SALON	25-09-2011	85	776	11.44	0.26	88.71	Y
180	DUR-CBHF-195	PASHU SANVARDHAN KENDRA, JAGUDAN	22-03-2008	84	811	-5.72	0.05	88.68	Y
181	SAG-HS-10623	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2013	87	810	-12.86	-0.21	88.67	Y
182	DSU-CBHF-10	DAMA SEMEN PRODUCTION UNIT	11-04-2009	83	838	3.87	0.13	88.60	Y
183	SAG-HX-10014	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-11-2013	82	774	12.29	0.21	88.59	Y
184	DUR-CBHF-207	PASHU SANVARDHAN KENDRA, JAGUDAN	06-07-2012	81	816	13.31	0.24	88.52	Y
185	SAG-HS-10627	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-02-2014	80	675	7.23	0.06	88.52	Y
186	SAG-HS-10639	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-05-2015	79	707	17.08	0.25	88.47	Y
187	SAG-HFG-507	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-12-2011	76	742	1.63	0.06	88.46	Y
188	SAG-HG-10516	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-02-2015	75	652	1.48	0.05	88.39	Y
189	ABC-CB-524	ANIMAL BREEDING CENTRE, SALON	02-10-2011	80	748	5.50	0.13	88.36	Y
190	SAG-HS-10628	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-08-2014	78	679	6.95	0.02	88.34	Y
191	SAG-HFK-27	SABARMATI ASHRAM	24-09-2011	77	731	-4.59	-0.13	88.31	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
192	SAG-HFK-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-07-2010	77	786	10.89	0.16	88.27	Y
193	SAG-HX-10023	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-01-2014	79	708	15.49	0.23	88.24	Y
194	ABC-HG-20778	ANIMAL BREEDING CENTRE, SALON	07-03-2014	74	649	-8.45	-0.14	88.21	Y
195	ALM-HX-40013	ALAMADHI SEMEN STATION	25-04-2013	74	670	9.63	0.11	88.19	Y
196	ALM-HS-40056	ALAMADHI SEMEN STATION	31-05-2011	74	700	8.50	0.13	88.07	Y
197	DSU-CBHF-16	DAMA SEMEN PRODUCTION UNIT	05-01-2012	77	727	-0.13	-0.02	87.99	Y
198	SAG-HS-10629	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-02-2014	72	635	10.44	0.12	87.96	Y
199	ALM-HX-40012	ALAMADHI SEMEN STATION	25-03-2014	73	715	2.84	0.10	87.92	Y
200	ABC-HG-20856	ANIMAL BREEDING CENTRE, SALON	14-10-2014	74	698	16.47	0.29	87.89	Y
201	ALM-HX-40015	ALAMADHI SEMEN STATION	03-09-2013	72	676	21.49	0.30	87.86	Y
202	SAG-HX-10028	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	76	717	19.09	0.30	87.83	Y
203	ULD-CB-850	DFSPC, RISHIKESH.	19-01-2005	79	744	15.72	0.20	87.82	Y
204	SAG-HG-10512	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-10-2014	70	607	6.04	0.15	87.78	Y
205	SAG-HX-10027	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2014	72	646	9.51	0.10	87.71	Y
206	SAG-HFS-85	SABARMATI ASHRAM	18-01-2004	66	567	16.65	0.22	87.67	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
207	ALM-HG-40008	ALAMADHI SEMEN STATION	26-06-2012	73	671	8.52	0.13	87.67	Y
208	SAG-HG-10515	SABARMATI ASHRAM GAUSHALA, BIDAJ	04-12-2014	72	656	2.96	0.16	87.65	Y
209	DUR-CBHF-197	PASHU SANVARDHAN KENDRA, JAGUDAN	11-12-2008	74	710	-7.48	-0.22	87.61	Y
210	DSU-CBHF-8	DAMA SEMEN PRODUCTION UNIT	25-11-2008	68	654	-10.43	-0.13	87.57	Y
211	SAG-HS-10636	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-03-2015	66	611	3.71	0.16	87.52	Y
212	SAG-HK-10029	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-01-2014	74	670	1.28	0.03	87.52	Y
213	SAG-HX-10026	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-09-2014	70	658	13.11	0.26	87.48	Y
214	ABC-CB-336	ANIMAL BREEDING CENTRE, SALON	13-11-2007	75	752	-2.35	0.01	87.32	Y
215	SAG-HS-10624	SABARMATI ASHRAM GAUSHALA, BIDAJ	15-09-2013	69	645	13.96	0.16	87.24	Y
216	DUR-CBHF-193	PASHU SANVARDHAN KENDRA, JAGUDAN	18-12-2007	71	697	7.98	0.13	87.22	Y
217	SAG-HX-10015	SABARMATI ASHRAM GAUSHALA, BIDAJ	20-11-2013	69	651	3.49	0.13	87.20	Y
219	ABC-CB-456	ANIMAL BREEDING CENTRE, SALON	13-12-2009	77	720	-10.27	-0.09	87.09	Y
220	ALM-HS-40003	ALAMADHI SEMEN STATION	05-02-2012	70	637	5.67	0.16	87.08	Y
221	SAG-HS-10637	SABARMATI ASHRAM	30-04-2015	65	594	-0.43	0.04	87.01	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
222	SAG-HS-10635	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2014	65	576	17.56	0.30	86.97	Y
223	ABC-CB-584	ANIMAL BREEDING CENTRE, SALON	24-10-2011	68	632	-2.00	0.03	86.97	Y
224	SAG-HS-10631	SABARMATI ASHRAM GAUSHALA, BIDAJ	16-08-2014	65	564	-1.61	-0.02	86.89	Y
225	ABC-CB-561	ANIMAL BREEDING CENTRE, SALON	20-12-2009	73	705	2.11	0.08	86.89	Y
226	ABC-CB-511	ANIMAL BREEDING CENTRE, SALON	08-07-2011	67	624	-0.51	0.05	86.86	Y
227	SAG-HX-10017	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-04-2013	66	602	24.30	0.28	86.80	Y
229	SAG-HX-10004	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-12-2012	65	622	13.16	0.19	86.71	Y
230	ALM-HS-40011	ALAMADHI SEMEN STATION	24-03-2013	60	555	10.20	0.25	86.68	Y
231	SAG-HX-10035	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-03-2015	68	622	16.32	0.24	86.60	Y
232	SAG-HS-10640	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-07-2015	59	498	3.69	0.22	86.54	Y
233	SAG-HS-10626	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-04-2014	58	557	14.19	0.21	86.52	Y
234	SAG-HX-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-07-2015	67	585	25.22	0.31	86.49	Y
235	SAG-HG-10514	SABARMATI ASHRAM GAUSHALA, BIDAJ	17-11-2013	60	564	2.37	0.17	86.44	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
236	SAG-HFS-87	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-05-2004	60	494	9.91	0.14	86.43	Y
237	ALM-HS-40019	ALAMADHI SEMEN STATION	18-01-2014	62	576	11.40	0.15	86.39	Y
238	SAG-HFS-618	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-07-2012	60	606	7.12	0.17	86.27	Y
239	SAG-HG-10517	SABARMATI ASHRAM GAUSHALA, BIDAJ	07-01-2015	61	559	7.66	0.09	86.27	Y
240	SAG-HX-10020	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-10-2013	62	608	10.33	0.18	86.27	Y
241	SAG-HS-10634	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-09-2014	58	511	-2.97	-0.06	86.24	Y
242	ULD-HFGR-940	DFSPC, RISHIKESH.	05-07-2013	63	536	2.69	0.10	86.20	Y
244	ULD-HFGR-885	DFSPC, RISHIKESH.	20-06-2013	59	491	-6.33	-0.14	85.84	Y
245	SAG-HS-10622	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-11-2013	58	514	8.50	0.12	85.79	Y
246	SAG-HX-10016	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-01-2013	64	585	9.23	0.17	85.60	Y
247	ULD-HFGR-870	DFSPC, RISHIKESH.	25-11-2012	58	538	14.64	0.20	85.55	Y
248	SAG-HS-10643	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-10-2015	57	464	14.31	0.24	85.52	Y
249	ABC-HS-20792	ANIMAL BREEDING CENTRE, SALON	25-02-2014	63	546	5.85	0.10	85.42	Y
250	SAG-HX-10036	SABARMATI ASHRAM GAUSHALA, BIDAJ	01-01-2016	64	520	8.79	0.13	85.33	Y
251	SAG-HX-10025	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-02-2014	55	519	21.02	0.27	85.25	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
252	ULD-HFGR-955	DFSPC, RISHIKESH.	19-05-2014	54	476	7.13	0.19	85.22	Y
253	SAG-HX-10038	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-10-2015	58	482	8.76	0.13	85.20	Y
254	SAG-HX-10044	SABARMATI ASHRAM GAUSHALA, BIDAJ	14-11-2015	61	430	18.58	0.27	85.14	Y
255	ABC-CB-331	ANIMAL BREEDING CENTRE, SALON	16-02-2007	57	542	-16.49	-0.22	84.91	Y
256	ABC-HS-20761	ANIMAL BREEDING CENTRE, SALON	14-08-2014	60	507	7.32	0.07	84.86	Y
257	SAG-HX-10040	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-10-2015	53	482	24.48	0.22	84.81	Y
258	SAG-HX-10045	SABARMATI ASHRAM GAUSHALA, BIDAJ	18-12-2015	57	464	17.64	0.33	84.73	Y
259	ABC-HG-20849	ANIMAL BREEDING CENTRE, SALON	09-10-2014	54	430	6.28	0.19	84.66	Y
260	SAG-HS-10651	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-09-2015	54	393	-1.03	0.07	84.64	Y
261	SAG-HS-10652	SABARMATI ASHRAM GAUSHALA, BIDAJ	31-10-2015	55	408	-3.95	-0.07	84.44	Y
262	ABC-CB-534	ANIMAL BREEDING CENTRE, SALON	21-12-2011	51	461	0.60	0.11	84.34	Y
263	ABC-CB-478	ANIMAL BREEDING CENTRE, SALON	31-01-2011	50	385	-7.56	-0.09	84.30	Y
264	SAG-HS-10648	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-11-2015	45	371	7.34	0.19	84.23	Y
265	SAG-HX-10010	SABARMATI ASHRAM	07-10-2013	51	481	-5.27	-0.02	84.19	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
		GAUSHALA, BIDAJ							
266	ULD-HFGR-910	DFSPC, RISHIKESH.	26-01-2013	50	400	6.59	0.11	84.08	Y
267	SAG-HS-10644	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	49	383	17.70	0.24	84.05	Y
268	ABC-HS-20813	ANIMAL BREEDING CENTRE, SALON	03-08-2014	51	391	-12.88	-0.21	83.94	Y
269	SAG-HG-10519	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-03-2015	43	361	19.71	0.28	83.86	Y
270	SAG-HX-10050	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2016	50	373	5.31	0.05	83.84	Y
272	SAG-HS-10641	SABARMATI ASHRAM GAUSHALA, BIDAJ	11-01-2015	49	434	10.06	0.18	83.60	Y
273	SAG-HX-10034	SABARMATI ASHRAM GAUSHALA, BIDAJ	29-04-2015	50	465	24.94	0.33	83.52	Y
275	SAG-HS-10642	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-10-2015	42	364	-0.41	0.02	83.06	Y
276	SAG-HS-10646	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-11-2015	39	295	8.74	0.10	83.04	Y
277	SAG-HX-10043	SABARMATI ASHRAM GAUSHALA, BIDAJ	21-12-2015	47	406	21.59	0.30	82.93	Y
278	SAG-HS-10647	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-07-2015	41	317	9.15	0.20	82.89	Y
279	ABC-HS-20721	ANIMAL BREEDING CENTRE, SALON	28-05-2014	48	381	10.19	0.26	82.88	Y
280	SAG-HFG-508	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2012	45	424	8.68	0.34	82.80	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
281	ABC-HS-20975	ANIMAL BREEDING CENTRE, SALON	02-10-2015	42	280	7.74	0.25	82.70	Y
282	ABC-HG-20776	ANIMAL BREEDING CENTRE, SALON	17-10-2013	43	356	-7.43	-0.06	82.37	Y
283	SAG-HX-10042	SABARMATI ASHRAM GAUSHALA, BIDAJ	27-05-2015	44	340	11.97	0.20	82.26	Y
284	SAG-HX-10041	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-04-2015	48	441	15.84	0.25	82.19	Y
285	SAG-HX-10049	SABARMATI ASHRAM GAUSHALA, BIDAJ	09-01-2016	46	387	26.11	0.34	82.07	Y
286	SAG-HX-10032	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-01-2015	42	366	25.41	0.35	81.21	Y
287	SAG-HX-10018	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-11-2013	38	262	21.87	0.38	80.98	Y
288	SAG-HX-10037	SABARMATI ASHRAM GAUSHALA, BIDAJ	12-06-2015	41	353	9.58	0.09	80.94	Y
289	SAG-HFS-28	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-09-2000	1	10	4.50	0.17	80.47	Y
290	SAG-HG-10522	SABARMATI ASHRAM GAUSHALA, BIDAJ	23-01-2016	33	248	13.66	0.17	80.35	Y
291	SAG-HX-10039	SABARMATI ASHRAM GAUSHALA, BIDAJ	19-02-2015	41	323	7.57	0.10	80.11	Y
292	SAG-HX-10047	SABARMATI ASHRAM GAUSHALA, BIDAJ	22-03-2016	33	263	13.66	0.32	78.52	Y
293	SAG-HS-10654	SABARMATI ASHRAM GAUSHALA, BIDAJ	02-01-2016	23	146	9.72	0.10	78.37	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
294	ULD-HFND-960	DFSPC, RISHIKESH.	08-06-2014	36	285	9.00	0.07	78.21	Y
295	SAG-HS-10653	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-10-2015	28	187	7.47	0.06	77.89	Y
296	SAG-HS-10650	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-01-2016	31	229	4.79	0.15	77.78	Y
297	SAG-HK-10030	SABARMATI ASHRAM GAUSHALA, BIDAJ	03-12-2015	27	172	-4.54	-0.09	77.50	Y
299	SAG-HS-10649	SABARMATI ASHRAM GAUSHALA, BIDAJ	10-06-2015	27	175	1.67	0.02	77.26	Y
300	SAG-HFS-25	SABARMATI ASHRAM GAUSHALA, BIDAJ	25-01-2000	4	42	5.56	0.06	77.23	Y
301	ABC-CB-851	ANIMAL BREEDING CENTRE, SALON	01-04-2014	27	199	5.30	0.18	76.85	Y
302	ULD-HFGR-965	DFSPC, RISHIKESH.	01-10-2014	26	190	6.66	0.14	76.77	Y
303	ABC-CB-973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	18	94	14.91	0.28	76.41	Y
304	SAG-HFS-81	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-11-2003	12	88	9.04	-0.09	76.27	Y
305	ABC-HS-20973	ANIMAL BREEDING CENTRE, SALON	02-10-2015	10	65	13.83	0.26	75.60	Y
306	SAG-HS-10656	SABARMATI ASHRAM GAUSHALA, BIDAJ	24-04-2016	23	158	6.29	0.19	75.56	Y
307	SAG-HS-10645	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-10-2015	25	142	8.41	0.29	75.10	Y
308	SAG-HX-10033	SABARMATI ASHRAM GAUSHALA, BIDAJ	05-02-2015	26	174	11.61	0.22	74.83	Y

Sr. No.	Bull ID	Semen station (Source)	Date of birth	No of Daughters used in analysis	No of records used for analysis	Protein yield GBV	Protein % GBV	REL (%)	Genotype Status (Y/N)
309	ABC-CB-815	ANIMAL BREEDING CENTRE, SALON	29-07-2014	22	178	-11.29	-0.06	74.71	Y
310	ULD-HFGR-875	DFSPC, RISHIKESH.	20-08-2012	21	168	2.64	0.10	74.21	Y
312	SAG-HFS-48	SABARMATI ASHRAM GAUSHALA, BIDAJ	30-12-2002	9	69	23.46	0.34	74.06	Y
313	BAF-DANAV	BAIF FROSEN SEMEN LABORATORY, PUNE	31-12-2013	28	149	-8.15	-0.07	73.90	Y
314	ABC-CB-728	ANIMAL BREEDING CENTRE, SALON	07-03-2013	22	152	-10.96	-0.02	73.35	Y
315	SAG-HX-10051	SABARMATI ASHRAM GAUSHALA, BIDAJ	13-09-2016	21	150	3.19	0.13	72.38	Y
316	SAG-HFS-65	SABARMATI ASHRAM GAUSHALA, BIDAJ	08-07-2003	4	31	4.79	0.01	72.17	Y
317	SAG-HFS-68	SABARMATI ASHRAM GAUSHALA, BIDAJ	28-03-2003	4	30	9.54	-0.05	71.94	Y
319	BAF-DAS	BAIF FROSEN SEMEN LABORATORY, PUNE	03-01-2013	21	142	17.34	0.24	71.31	Y
320	BAF-DINANATH	BAIF FROSEN SEMEN LABORATORY, PUNE	20-06-2014	23	122	0.84	0.06	71.08	Y
321	ULD-HFGR-950	DFSPC, RISHIKESH.	18-07-2013	17	108	-2.76	0.14	70.63	Y

Trait: 305 Age at First Calving (AFC)

Species: Cattle

Breed: HF Crossbred

Date of estimation: 29 December 2023

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
1	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-05-2003	242	-105	94.784
2	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-05-2008	231	23	94.134
3	SAG-HFS-143	Sabarmati Ashram Gaushala, Bidaj	01-10-2009	215	-60	94.093
4	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-06-2010	205	-77	93.974
5	SAG-HFS-117	Sabarmati Ashram Gaushala, Bidaj	09-08-2006	221	42	93.818
6	SAG-HFK-18	Sabarmati Ashram Gaushala, Bidaj	31-08-2008	194	30	93.461
7	SAG-HFK-22	Sabarmati Ashram Gaushala, Bidaj	10-07-2009	192	-39	93.394
8	SAG-HFG-12	Sabarmati Ashram Gaushala, Bidaj	10-06-2007	200	66	93.368
9	SAG-HFS-134	Sabarmati Ashram Gaushala, Bidaj	01-05-2008	212	36	93.302
10	SAG-HFS-108	Sabarmati Ashram Gaushala, Bidaj	07-02-2005	211	-96	93.088
11	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-03-2007	199	-11	93.068
12	ABC-CB-434	Animal Breeding Centre, Salon	30-01-2009	182	10	93.031
13	SAG-HFK-20	Sabarmati Ashram Gaushala, Bidaj	15-12-2005	171	22	92.554
14	SAG-HFS-606	Sabarmati Ashram Gaushala, Bidaj	12-03-2012	179	-75	92.531
15	SAG-HFS-124	Sabarmati Ashram Gaushala, Bidaj	21-10-2005	169	66	92.408
16	SAG-HFG-25	Sabarmati Ashram Gaushala, Bidaj	14-06-2011	163	-35	92.376

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
17	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	156	-30	92.357
18	ABC-CB-183	Animal Breeding Centre, Salon	03-07-2003	153	56	92.307
19	SAG-HX-10003	Sabarmati Ashram Gaushala, Bidaj	06-11-2012	162	-83	92.304
20	SAG-HFS-123	Sabarmati Ashram Gaushala, Bidaj	01-01-2006	166	59	92.289
21	SAG-HFG-18	Sabarmati Ashram Gaushala, Bidaj	01-08-2008	160	30	92.287
22	SAG-HK-10028	Sabarmati Ashram Gaushala, Bidaj	27-11-2013	159	-40	92.276
23	SAG-HFS-144	Sabarmati Ashram Gaushala, Bidaj	01-01-2010	150	11	92.267
24	SAG-HFS-155	Sabarmati Ashram Gaushala, Bidaj	02-09-2011	156	97	92.263
25	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	163	54	92.253
26	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-12-2008	166	119	92.186
27	ABC-CB-453	Animal Breeding Centre, Salon	06-01-2009	170	37	92.176
28	DUR-CBHF-211	Pashu Sanvardhan Kendra, Jagudan	27-10-2010	165	-6	92.168
29	SAG-HFS-70	Sabarmati Ashram Gaushala, Bidaj	08-07-2003	165	33	92.163
30	SAG-HFG-13	Sabarmati Ashram Gaushala, Bidaj	22-03-2007	168	114	92.131
31	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-07-2008	191	-36	92.086
32	ABC-CB-353	Animal Breeding Centre, Salon	04-04-2006	156	-50	92.045
33	SAG-HFS-132	Sabarmati Ashram Gaushala, Bidaj	19-02-2008	153	51	92.034
34	SAG-HFS-153	Sabarmati Ashram Gaushala, Bidaj	29-07-2011	157	-80	91.991
35	SAG-HFS-80	Sabarmati Ashram Gaushala, Bidaj	15-06-2004	182	-13	91.965

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
36	SAG-HX-10005	Sabarmati Ashram Gaushala, Bidaj	24-05-2013	150	-5	91.927
37	SAG-HFS-119	Sabarmati Ashram Gaushala, Bidaj	02-09-2006	150	37	91.914
38	SAG-HFS-101	Sabarmati Ashram Gaushala, Bidaj	21-09-2005	144	-21	91.905
39	DUR-CBHF-184	Pashu Sanvardhan Kendra, Jagudan	17-12-2006	153	-159	91.826
40	ABC-HK-20770	Animal Breeding Centre, Salon	23-01-2014	136	-72	91.817
41	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	21-04-2012	146	-63	91.752
42	DSU-CBHF-13	Dama Semen Production Unit	25-08-2010	156	36	91.749
43	SAG-HFS-620	Sabarmati Ashram Gaushala, Bidaj	04-05-2012	156	30	91.746
44	SAG-HFS-36	Sabarmati Ashram Gaushala, Bidaj	21-01-2002	148	44	91.726
45	SAG-HFS-602	Sabarmati Ashram Gaushala, Bidaj	07-09-2011	149	45	91.643
46	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	03-04-2006	146	-20	91.640
47	SAG-HFK-11	Sabarmati Ashram Gaushala, Bidaj	06-09-2004	161	34	91.623
48	SAG-HFS-148	Sabarmati Ashram Gaushala, Bidaj	08-11-2011	142	-81	91.605
49	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-12-2005	151	195	91.604
50	DUR-CBHF-212	Pashu Sanvardhan Kendra, Jagudan	15-01-2011	140	91	91.596
51	SAG-HFS-607	Sabarmati Ashram Gaushala, Bidaj	20-02-2012	146	-151	91.588
52	SAG-HFS-151	Sabarmati Ashram Gaushala, Bidaj	24-03-2011	164	44	91.584
53	SAG-HFK-14	Sabarmati Ashram Gaushala, Bidaj	17-04-2006	141	-34	91.542

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
54	SAG-HFS-122	Sabarmati Ashram Gaushala, Bidaj	11-09-2007	150	12	91.459
55	SAG-HFS-147	Sabarmati Ashram Gaushala, Bidaj	18-12-2010	153	95	91.430
56	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-09-2006	160	14	91.429
57	ABC-CB-512	Animal Breeding Centre, Salon	13-09-2011	143	14	91.398
58	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-05-2004	132	56	91.349
59	SAG-HFS-103	Sabarmati Ashram Gaushala, Bidaj	31-08-2005	141	56	91.301
60	ABC-CB-417	Animal Breeding Centre, Salon	02-08-2009	138	11	91.290
61	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-07-2009	148	-76	91.286
62	ABC-CB-230	Animal Breeding Centre, Salon	04-08-2005	144	15	91.217
63	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-12-2003	170	52	91.198
64	ABC-CB-696	Animal Breeding Centre, Salon	08-04-2009	134	-99	91.174
65	ABC-CB-340	Animal Breeding Centre, Salon	03-08-2008	150	-86	91.147
66	ABC-CB-484	Animal Breeding Centre, Salon	25-09-2010	130	-82	91.145
67	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-08-2004	131	-15	91.118
68	SAG-HFG-10	Sabarmati Ashram Gaushala, Bidaj	16-09-2007	147	36	91.085
69	DSU-CBHF-15	Dama Semen Production Unit	15-08-2010	144	-13	91.065
70	SAG-HFS-126	Sabarmati Ashram Gaushala, Bidaj	25-07-2006	132	-88	91.045
71	ABC-HG-20772	Animal Breeding Centre, Salon	21-08-2013	133	14	91.039
72	ABC-CB-362	Animal Breeding Centre, Salon	01-10-2008	140	-48	91.024
73	SAG-HFS-612	Sabarmati Ashram Gaushala, Bidaj	04-08-2012	148	-12	91.014
74	SAG-HFS-66	Sabarmati Ashram Gaushala, Bidaj	19-09-2003	146	-30	90.944

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
75	SAG-HFS-113	Sabarmati Ashram Gaushala, Bidaj	08-09-2005	136	-5	90.940
76	DUR-CBHF-210	Pashu Sanvardhan Kendra, Jagudan	03-12-2010	145	-31	90.934
77	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-08-2010	133	-168	90.919
78	ALM-HS-40057	Alamadhi Semen Station	01-02-2012	130	-33	90.915
79	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	13-08-2012	142	11	90.860
80	SAG-HFS-130	Sabarmati Ashram Gaushala, Bidaj	05-06-2005	139	-6	90.848
81	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-12-2003	158	31	90.822
82	SAG-HFG-502	Sabarmati Ashram Gaushala, Bidaj	15-05-2012	137	-57	90.765
83	SAG-HFS-137	Sabarmati Ashram Gaushala, Bidaj	03-12-2007	138	22	90.742
84	ABC-CB-314	Animal Breeding Centre, Salon	01-09-2006	137	-32	90.632
85	SAG-HFS-95	Sabarmati Ashram Gaushala, Bidaj	07-05-2005	176	14	90.631
86	SAG-HFG-11	Sabarmati Ashram Gaushala, Bidaj	10-10-2007	132	104	90.593
87	ABC-CB-418	Animal Breeding Centre, Salon	29-09-2009	129	-100	90.531
88	SAG-HFS-605	Sabarmati Ashram Gaushala, Bidaj	18-12-2011	129	-5	90.530
89	ABC-CB-480	Animal Breeding Centre, Salon	22-05-2010	121	-77	90.499
90	ABC-CB-381	Animal Breeding Centre, Salon	02-08-2007	115	55	90.495
91	SAG-HFS-116	Sabarmati Ashram Gaushala, Bidaj	24-04-2006	124	14	90.489
92	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	09-05-2003	132	93	90.483
93	SAG-HFS-617	Sabarmati Ashram Gaushala, Bidaj	19-10-2012	131	22	90.406

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
94	DUR-CBHF-198	Pashu Sanvardhan Kendra, Jagudan	15-01-2009	133	-73	90.396
95	SAG-HFS-94	Sabarmati Ashram Gaushala, Bidaj	04-01-2004	130	108	90.289
96	SAG-HFS-98	Sabarmati Ashram Gaushala, Bidaj	07-09-2005	144	168	90.282
97	SAG-HFS-616	Sabarmati Ashram Gaushala, Bidaj	31-07-2012	123	-26	90.282
98	ABC-CB-330	Animal Breeding Centre, Salon	20-12-2006	136	58	90.234
99	ABC-CB-244	Animal Breeding Centre, Salon	23-01-2005	124	-33	90.218
100	SAG-HFS-140	Sabarmati Ashram Gaushala, Bidaj	28-07-2009	126	-72	90.208
101	SAG-HFS-149	Sabarmati Ashram Gaushala, Bidaj	23-01-2011	116	-30	90.207
102	SAG-HFS-138	Sabarmati Ashram Gaushala, Bidaj	16-12-2008	118	-31	90.206
103	SAG-HFG-504	Sabarmati Ashram Gaushala, Bidaj	20-12-2011	125	-7	90.179
104	ABC-CB-485	Animal Breeding Centre, Salon	02-10-2010	121	-42	90.173
105	DSU-CBHF-18	Dama Semen Production Unit	25-10-2011	135	-45	90.165
106	SAG-HX-10001	Sabarmati Ashram Gaushala, Bidaj	23-01-2013	124	-22	90.092
107	SAG-HFS-611	Sabarmati Ashram Gaushala, Bidaj	11-09-2012	135	22	89.980
108	SAG-HFS-610	Sabarmati Ashram Gaushala, Bidaj	21-10-2011	130	-16	89.962
109	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-05-2006	111	44	89.952
110	SAG-HG-10511	Sabarmati Ashram Gaushala, Bidaj	21-02-2014	107	48	89.942
111	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	04-11-2007	127	-25	89.932
112	SAG-HFS-141	Sabarmati Ashram Gaushala, Bidaj	11-03-2008	126	-14	89.923
113	ABC-CB-577	Animal Breeding Centre, Salon	06-01-2012	121	178	89.914

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
114	DUR-CBHF-202	Pashu Sanvardhan Kendra, Jagudan	09-12-2009	117	-56	89.884
115	DUR-CBHF-213	Pashu Sanvardhan Kendra, Jagudan	09-04-2011	136	92	89.867
116	DUR-CBHF-206	Pashu Sanvardhan Kendra, Jagudan	05-06-2010	113	-147	89.831
117	ABC-CB-454	Animal Breeding Centre, Salon	23-03-2009	117	-30	89.829
118	ABC-CB-477	Animal Breeding Centre, Salon	12-03-2010	118	78	89.808
119	DUR-CBHF-200	Pashu Sanvardhan Kendra, Jagudan	15-04-2009	129	13	89.795
120	ABC-HS-20730	Animal Breeding Centre, Salon	28-05-2013	112	40	89.778
121	SAG-HFG-24	Sabarmati Ashram Gaushala, Bidaj	30-05-2010	123	102	89.741
122	SAG-HFS-619	Sabarmati Ashram Gaushala, Bidaj	24-02-2012	123	50	89.638
123	SAG-HS-10638	Sabarmati Ashram Gaushala, Bidaj	14-06-2015	102	-16	89.633
124	ABC-HS-20814	Animal Breeding Centre, Salon	04-08-2014	105	88	89.624
125	SAG-HFG-506	Sabarmati Ashram Gaushala, Bidaj	12-08-2012	115	74	89.594
126	ABC-CB-533	Animal Breeding Centre, Salon	19-11-2011	112	17	89.577
127	SAG-HFS-146	Sabarmati Ashram Gaushala, Bidaj	16-09-2009	112	-83	89.573
128	DUR-CBHF-192	Pashu Sanvardhan Kendra, Jagudan	24-11-2007	120	-5	89.568
129	SAG-HS-10633	Sabarmati Ashram Gaushala, Bidaj	16-10-2014	98	-30	89.568
130	DUR-CBHF-203	Pashu Sanvardhan Kendra, Jagudan	21-02-2010	105	-201	89.565
131	SAG-HS-10621	Sabarmati Ashram Gaushala, Bidaj	02-10-2012	103	19	89.541
132	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	02-03-2008	117	-45	89.513

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
133	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	14-01-2012	117	-100	89.495
134	SAG-HFG-505	Sabarmati Ashram Gaushala, Bidaj	12-01-2012	106	-37	89.386
135	DUR-CBHF-215	Pashu Sanvardhan Kendra, Jagudan	24-09-2011	119	30	89.369
136	SAG-HS-10632	Sabarmati Ashram Gaushala, Bidaj	25-09-2014	107	83	89.362
137	DSU-CBHF-9	Dama Semen Production Unit	10-04-2010	114	-44	89.350
138	SAG-HX-10012	Sabarmati Ashram Gaushala, Bidaj	22-07-2013	110	-37	89.324
139	SAG-HX-10019	Sabarmati Ashram Gaushala, Bidaj	13-01-2013	113	-27	89.323
140	SAG-HFS-608	Sabarmati Ashram Gaushala, Bidaj	04-11-2011	115	-144	89.321
141	SAG-HG-10509	Sabarmati Ashram Gaushala, Bidaj	26-04-2014	109	110	89.306
142	SAG-HFK-23	Sabarmati Ashram Gaushala, Bidaj	10-01-2009	128	99	89.290
143	ABC-CB-240	Animal Breeding Centre, Salon	14-04-2004	116	108	89.190
144	ALM-HS-40006	Alamadhi Semen Station	09-08-2012	99	38	89.177
145	SAG-HX-10007	Sabarmati Ashram Gaushala, Bidaj	25-02-2013	119	72	89.100
146	ABC-CB-379	Animal Breeding Centre, Salon	13-05-2007	113	43	89.092
147	SAG-HS-10630	Sabarmati Ashram Gaushala, Bidaj	07-11-2014	96	62	89.069
148	SAG-HX-10024	Sabarmati Ashram Gaushala, Bidaj	30-04-2014	101	-77	89.060
149	SAG-HFS-91	Sabarmati Ashram Gaushala, Bidaj	17-10-2004	132	173	89.051
150	SAG-HFG-26	Sabarmati Ashram Gaushala, Bidaj	14-10-2011	139	-7	89.027
151	SAG-HS-10625	Sabarmati Ashram Gaushala, Bidaj	03-03-2013	111	35	89.004

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
152	SAG-HX-10006	Sabarmati Ashram Gaushala, Bidaj	31-01-2013	104	0	88.937
153	ABC-CB-695	Animal Breeding Centre, Salon	10-10-2009	117	-16	88.910
154	SAG-HX-10014	Sabarmati Ashram Gaushala, Bidaj	18-11-2013	100	-69	88.908
155	SAG-HFS-613	Sabarmati Ashram Gaushala, Bidaj	12-02-2012	109	38	88.876
156	SAG-HX-10009	Sabarmati Ashram Gaushala, Bidaj	23-01-2013	107	7	88.860
157	ABC-CB-564	Animal Breeding Centre, Salon	19-04-2011	109	-10	88.844
158	SAG-HFG-20	Sabarmati Ashram Gaushala, Bidaj	01-09-2010	105	-9	88.834
159	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-07-2005	108	-24	88.788
160	ALM-HX-40018	Alamadhi Semen Station	07-01-2014	93	112	88.768
161	SAG-HG-10510	Sabarmati Ashram Gaushala, Bidaj	03-02-2014	108	13	88.766
162	SAG-HFS-615	Sabarmati Ashram Gaushala, Bidaj	25-11-2012	110	4	88.763
163	SAG-HG-10513	Sabarmati Ashram Gaushala, Bidaj	09-09-2013	94	147	88.665
164	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-02-2006	113	80	88.660
165	SAG-HFS-79	Sabarmati Ashram Gaushala, Bidaj	28-02-2004	125	77	88.640
166	DSU-CBHF-14	Dama Semen Production Unit	14-09-2010	121	123	88.638
167	SAG-HX-10011	Sabarmati Ashram Gaushala, Bidaj	06-06-2013	100	57	88.626
168	DUR-CBHF-195	Pashu Sanvardhan Kendra, Jagudan	22-03-2008	97	-8	88.594
169	DUR-CBHF-216	Pashu Sanvardhan Kendra, Jagudan	10-07-2011	106	-117	88.588
170	SAG-HS-10628	Sabarmati Ashram Gaushala, Bidaj	28-08-2014	93	31	88.553

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
171	ALM-HS-40001	Alamadhi Semen Station	17-08-2012	89	83	88.549
172	SAG-HS-10623	Sabarmati Ashram Gaushala, Bidaj	24-11-2013	98	177	88.531
173	SAG-HS-10639	Sabarmati Ashram Gaushala, Bidaj	31-05-2015	90	-56	88.492
174	SAG-HFS-601	Sabarmati Ashram Gaushala, Bidaj	29-12-2010	104	61	88.460
175	SAG-HFS-85	Sabarmati Ashram Gaushala, Bidaj	18-01-2004	103	140	88.429
176	SAG-HG-10512	Sabarmati Ashram Gaushala, Bidaj	03-10-2014	97	136	88.365
177	DSU-CBHF-10	Dama Semen Production Unit	11-04-2009	109	52	88.351
178	SAG-HX-10023	Sabarmati Ashram Gaushala, Bidaj	24-01-2014	93	-34	88.296
179	ABC-CB-697	Animal Breeding Centre, Salon	18-09-2009	106	9	88.273
180	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-02-2010	112	77	88.271
181	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-05-2004	108	120	88.271
182	ABC-CB-529	Animal Breeding Centre, Salon	25-09-2011	103	135	88.221
183	SAG-HFK-25	Sabarmati Ashram Gaushala, Bidaj	05-07-2010	102	92	88.174
184	SAG-HS-10627	Sabarmati Ashram Gaushala, Bidaj	14-02-2014	88	-14	88.162
185	SAG-HFS-128	Sabarmati Ashram Gaushala, Bidaj	15-01-2008	101	29	88.143
186	ABC-HG-20856	Animal Breeding Centre, Salon	14-10-2014	94	50	88.118
187	ABC-HG-20778	Animal Breeding Centre, Salon	07-03-2014	91	163	88.113
188	DUR-CBHF-207	Pashu Sanvardhan Kendra, Jagudan	06-07-2012	106	65	88.096
189	ULD-CB-850	DFSPC, Rishikesh.	19-01-2005	100	59	88.082
190	ABC-CB-528	Animal Breeding Centre, Salon	09-07-2010	104	31	88.054

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
191	SAG-HX-10028	Sabarmati Ashram Gaushala, Bidaj	07-01-2015	85	-25	88.007
192	ABC-CB-524	Animal Breeding Centre, Salon	02-10-2011	95	-27	88.005
193	DSU-CBHF-8	Dama Semen Production Unit	25-11-2008	99	143	87.916
194	DUR-CBHF-205	Pashu Sanvardhan Kendra, Jagudan	01-03-2010	103	55	87.909
195	DUR-CBHF-194	Pashu Sanvardhan Kendra, Jagudan	13-03-2008	101	-16	87.882
196	SAG-HFG-503	Sabarmati Ashram Gaushala, Bidaj	23-09-2011	103	18	87.742
197	SAG-HG-10516	Sabarmati Ashram Gaushala, Bidaj	01-02-2015	87	91	87.737
198	ABC-CB-336	Animal Breeding Centre, Salon	13-11-2007	100	-53	87.729
199	SAG-HX-10027	Sabarmati Ashram Gaushala, Bidaj	13-09-2014	83	6	87.711
200	ALM-HX-40012	Alamadhi Semen Station	25-03-2014	90	1	87.680
201	ALM-HX-40015	Alamadhi Semen Station	03-09-2013	84	103	87.679
202	ALM-HG-40008	Alamadhi Semen Station	26-06-2012	95	110	87.629
203	SAG-HFK-27	Sabarmati Ashram Gaushala, Bidaj	24-09-2011	99	-43	87.626
204	SAG-HX-10017	Sabarmati Ashram Gaushala, Bidaj	12-04-2013	86	22	87.512
205	SAG-HS-10629	Sabarmati Ashram Gaushala, Bidaj	08-02-2014	86	216	87.453
206	SAG-HX-10044	Sabarmati Ashram Gaushala, Bidaj	14-11-2015	81	-23	87.406
207	SAG-HFG-507	Sabarmati Ashram Gaushala, Bidaj	29-12-2011	89	291	87.356
208	ALM-HX-40013	Alamadhi Semen Station	25-04-2013	88	78	87.350
209	ALM-HS-40056	Alamadhi Semen Station	31-05-2011	84	38	87.278

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
210	ALM-HS-40003	Alamadhi Semen Station	05-02-2012	89	83	87.274
211	ABC-CB-456	Animal Breeding Centre, Salon	13-12-2009	103	16	87.260
212	ABC-CB-561	Animal Breeding Centre, Salon	20-12-2009	91	-21	87.185
213	SAG-HX-10026	Sabarmati Ashram Gaushala, Bidaj	21-09-2014	82	-70	87.140
214	DSU-CBHF-16	Dama Semen Production Unit	05-01-2012	94	15	87.045
215	SAG-HK-10029	Sabarmati Ashram Gaushala, Bidaj	08-01-2014	83	117	87.030
216	DUR-CBHF-197	Pashu Sanvardhan Kendra, Jagudan	11-12-2008	99	-6	86.975
217	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-02-2005	95	-23	86.909
218	ULD-CB-860	DFSPC, Rishikesh.	12-12-2005	89	-55	86.720
219	SAG-HS-10636	Sabarmati Ashram Gaushala, Bidaj	18-03-2015	77	68	86.661
220	SAG-HS-10637	Sabarmati Ashram Gaushala, Bidaj	30-04-2015	74	143	86.645
221	SAG-HX-10030	Sabarmati Ashram Gaushala, Bidaj	12-07-2015	78	-36	86.619
222	SAG-HS-10631	Sabarmati Ashram Gaushala, Bidaj	16-08-2014	70	42	86.593
223	ABC-CB-511	Animal Breeding Centre, Salon	08-07-2011	91	-40	86.587
224	ULD-HFGR-940	DFSPC, Rishikesh.	05-07-2013	75	72	86.505
225	SAG-HX-10016	Sabarmati Ashram Gaushala, Bidaj	12-01-2013	78	-60	86.483
226	SAG-HS-10622	Sabarmati Ashram Gaushala, Bidaj	27-11-2013	80	34	86.394
227	SAG-HG-10515	Sabarmati Ashram Gaushala, Bidaj	04-12-2014	77	118	86.341
228	SAG-HS-10624	Sabarmati Ashram Gaushala, Bidaj	15-09-2013	82	152	86.264
229	SAG-HX-10015	Sabarmati Ashram Gaushala, Bidaj	20-11-2013	85	48	86.226

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
230	ABC-CB-584	Animal Breeding Centre, Salon	24-10-2011	88	10	86.042
231	SAG-HX-10035	Sabarmati Ashram Gaushala, Bidaj	08-03-2015	79	-83	85.998
232	SAG-HS-10635	Sabarmati Ashram Gaushala, Bidaj	25-10-2014	79	49	85.961
233	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	25-01-2004	96	-4	85.836
234	SAG-HX-10004	Sabarmati Ashram Gaushala, Bidaj	05-12-2012	80	-6	85.832
235	SAG-HG-10517	Sabarmati Ashram Gaushala, Bidaj	07-01-2015	77	66	85.799
236	ALM-HS-40011	Alamadhi Semen Station	24-03-2013	74	38	85.771
237	SAG-HX-10036	Sabarmati Ashram Gaushala, Bidaj	01-01-2016	76	50	85.765
238	SAG-HX-10020	Sabarmati Ashram Gaushala, Bidaj	28-10-2013	78	186	85.765
239	SAG-HS-10652	Sabarmati Ashram Gaushala, Bidaj	31-10-2015	69	-44	85.687
240	ULD-HFGR-885	DFSPC, Rishikesh.	20-06-2013	70	-16	85.613
241	SAG-HG-10514	Sabarmati Ashram Gaushala, Bidaj	17-11-2013	73	110	85.599
242	SAG-HS-10651	Sabarmati Ashram Gaushala, Bidaj	30-09-2015	65	45	85.590
243	SAG-HFG-501	Sabarmati Ashram Gaushala, Bidaj	03-01-2012	88	43	85.574
244	SAG-HS-10640	Sabarmati Ashram Gaushala, Bidaj	03-07-2015	64	30	85.489
245	SAG-HS-10643	Sabarmati Ashram Gaushala, Bidaj	14-10-2015	74	-17	85.409
246	ALM-HS-40019	Alamadhi Semen Station	18-01-2014	72	86	85.360
247	SAG-HS-10644	Sabarmati Ashram Gaushala, Bidaj	03-12-2015	68	17	85.338

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
248	SAG-HS-10626	Sabarmati Ashram Gaushala, Bidaj	23-04-2014	68	91	85.171
249	ULD-HFGR-870	DFSPC, Rishikesh.	25-11-2012	64	-125	85.144
250	ABC-HS-20792	Animal Breeding Centre, Salon	25-02-2014	68	79	85.083
251	SAG-HX-10045	Sabarmati Ashram Gaushala, Bidaj	18-12-2015	67	-52	85.068
252	ABC-CB-478	Animal Breeding Centre, Salon	31-01-2011	64	-125	84.989
253	SAG-HX-10050	Sabarmati Ashram Gaushala, Bidaj	05-01-2016	70	-56	84.931
254	ABC-HS-20761	Animal Breeding Centre, Salon	14-08-2014	67	192	84.845
255	DUR-CBHF-193	Pashu Sanvardhan Kendra, Jagudan	18-12-2007	82	-161	84.842
256	SAG-HS-10634	Sabarmati Ashram Gaushala, Bidaj	14-09-2014	73	145	84.739
257	ABC-HG-20849	Animal Breeding Centre, Salon	09-10-2014	62	-100	84.633
258	ULD-HFGR-955	DFSPC, Rishikesh.	19-05-2014	60	-60	84.533
259	SAG-HX-10038	Sabarmati Ashram Gaushala, Bidaj	22-10-2015	67	26	84.444
260	SAG-HX-10010	Sabarmati Ashram Gaushala, Bidaj	07-10-2013	68	223	84.418
261	ABC-CB-331	Animal Breeding Centre, Salon	16-02-2007	64	67	84.414
262	SAG-HX-10034	Sabarmati Ashram Gaushala, Bidaj	29-04-2015	62	26	84.272
263	SAG-HX-10025	Sabarmati Ashram Gaushala, Bidaj	22-02-2014	71	-105	84.134
264	SAG-HS-10641	Sabarmati Ashram Gaushala, Bidaj	11-01-2015	62	25	84.115
265	SAG-HFS-618	Sabarmati Ashram Gaushala, Bidaj	02-07-2012	77	186	83.979
266	SAG-HX-10040	Sabarmati Ashram Gaushala, Bidaj	25-10-2015	60	-80	83.766

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
267	ULD-HFGR-910	DFSPC, Rishikesh.	26-01-2013	63	65	83.696
268	SAG-HS-10648	Sabarmati Ashram Gaushala, Bidaj	22-11-2015	55	-38	83.664
269	SAG-HG-10519	Sabarmati Ashram Gaushala, Bidaj	25-03-2015	56	180	83.651
270	SAG-HG-10518	Sabarmati Ashram Gaushala, Bidaj	14-09-2014	64	42	83.485
271	SAG-HX-10043	Sabarmati Ashram Gaushala, Bidaj	21-12-2015	56	111	83.485
272	ABC-HS-20813	Animal Breeding Centre, Salon	03-08-2014	61	8	83.174
273	SAG-HX-10041	Sabarmati Ashram Gaushala, Bidaj	08-04-2015	61	-67	83.055
274	ABC-CB-534	Animal Breeding Centre, Salon	21-12-2011	63	27	83.052
275	SAG-HFG-508	Sabarmati Ashram Gaushala, Bidaj	24-04-2012	61	172	82.818
276	SAG-HFG-08	Sabarmati Ashram Gaushala, Bidaj	29-05-2005	68	-78	82.558
277	SAG-HS-10647	Sabarmati Ashram Gaushala, Bidaj	10-07-2015	57	-77	82.450
278	SAG-HX-10042	Sabarmati Ashram Gaushala, Bidaj	27-05-2015	54	-5	82.336
279	ABC-HS-20975	Animal Breeding Centre, Salon	02-10-2015	47	-2	82.078
280	ABC-HS-20721	Animal Breeding Centre, Salon	28-05-2014	50	-103	81.944
281	SAG-HX-10037	Sabarmati Ashram Gaushala, Bidaj	12-06-2015	57	49	81.902
282	SAG-HX-10018	Sabarmati Ashram Gaushala, Bidaj	05-11-2013	48	6	81.643
283	ABC-HG-20776	Animal Breeding Centre, Salon	17-10-2013	51	55	81.224
284	SAG-HS-10646	Sabarmati Ashram Gaushala, Bidaj	23-11-2015	46	-65	80.908

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
285	SAG-HX-10049	Sabarmati Ashram Gaushala, Bidaj	09-01-2016	52	-95	80.720
286	SAG-HS-10642	Sabarmati Ashram Gaushala, Bidaj	10-10-2015	48	17	80.686
287	ABC-HS-20734	Animal Breeding Centre, Salon	25-06-2013	54	10	80.596
288	SAG-HFS-65	Sabarmati Ashram Gaushala, Bidaj	08-07-2003	49	-77	80.422
289	SAG-HX-10032	Sabarmati Ashram Gaushala, Bidaj	05-01-2015	49	-33	80.245
290	SAG-HX-10039	Sabarmati Ashram Gaushala, Bidaj	19-02-2015	46	-43	79.684
291	SAG-HS-10654	Sabarmati Ashram Gaushala, Bidaj	02-01-2016	38	-26	79.159
292	SAG-HX-10047	Sabarmati Ashram Gaushala, Bidaj	22-03-2016	43	-73	78.997
293	SAG-BHOLU	Sabarmati Ashram Gaushala, Bidaj	11-07-1997	52	-37	78.427
294	SAG-BOTHAM	Sabarmati Ashram Gaushala, Bidaj	06-10-1997	65	-34	78.154
295	SAG-HG-10522	Sabarmati Ashram Gaushala, Bidaj	23-01-2016	39	-84	78.132
296	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	23-12-2000	57	-127	77.965
297	SAG-NIRAV	Sabarmati Ashram Gaushala, Bidaj	26-03-1994	70	-128	77.929
298	ULD-HFND-960	DFSPC, Rishikesh.	08-06-2014	43	-68	77.690
299	ULD-HFGR-965	DFSPC, Rishikesh.	01-10-2014	36	19	77.651
300	SAG-HS-10649	Sabarmati Ashram Gaushala, Bidaj	10-06-2015	35	27	77.359
301	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	18-07-1997	120	-222	77.359
302	SAG-BIKU	Sabarmati Ashram Gaushala, Bidaj	04-05-1997	58	-68	77.264

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV AFC (days)	REL (%)
303	SAG-HS-10656	Sabarmati Ashram Gaushala, Bidaj	24-04-2016	39	-119	77.198
304	SAG-HFS-28	Sabarmati Ashram Gaushala, Bidaj	19-09-2000	23	-79	77.144
305	SAG-HS-10650	Sabarmati Ashram Gaushala, Bidaj	10-01-2016	45	18	77.071
306	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	16-12-1993	109	-40	76.937
307	SAG-BONY	Sabarmati Ashram Gaushala, Bidaj	06-07-1997	62	-132	76.872
308	ABC-CB-973	Animal Breeding Centre, Salon	02-10-2015	26	-66	76.653
309	SAG-HS-10653	Sabarmati Ashram Gaushala, Bidaj	05-10-2015	33	-84	76.575
310	SAG-HFS-47	Sabarmati Ashram Gaushala, Bidaj	09-09-2002	67	-218	76.468
311	SAG-BRIJESH	Sabarmati Ashram Gaushala, Bidaj	06-11-1994	54	65	76.379
312	SAG-HFS-03	Sabarmati Ashram Gaushala, Bidaj	07-08-1997	55	-25	76.243
313	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	03-05-1998	45	-20	76.235
314	SAG-HK-10030	Sabarmati Ashram Gaushala, Bidaj	03-12-2015	35	81	76.086
315	SAG-HFS-68	Sabarmati Ashram Gaushala, Bidaj	28-03-2003	41	-3	75.690
316	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	03-02-2001	237	-41	75.643
317	BAF-DANAV	BAIF Frosen Semen Laboratory, Pune	31-12-2013	37	-125	75.434
318	SAG-HFS-25	Sabarmati Ashram Gaushala, Bidaj	25-01-2000	45	-106	75.398
319	SAG-BOSS	Sabarmati Ashram Gaushala, Bidaj	01-08-1997	47	99	75.129

Trait: 305 Days Open (DO)

Species: Cattle

Breed: HF Crossbred

Date of estimation: 29 December 2023

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV (Days open)	REL (%)
1	SAG-HFS-102	Sabarmati Ashram Gaushala, Bidaj	13-02-2005	105	1	49.18
2	SAG-HFG-14	Sabarmati Ashram Gaushala, Bidaj	13-05-2008	342	2	46.07
3	ABC-CB-381	Animal Breeding Centre, Salon	02-08-2007	156	-2	39.49
4	SAG-HFS-129	Sabarmati Ashram Gaushala, Bidaj	04-11-2007	213	1	39.00
5	SAG-HFG-05	Sabarmati Ashram Gaushala, Bidaj	09-05-2003	190	-1	38.07
6	SAG-HFK-09	Sabarmati Ashram Gaushala, Bidaj	25-01-2004	179	-3	37.09
7	SAG-NIRAV	Sabarmati Ashram Gaushala, Bidaj	26-03-1994	128	1	33.73
8	SAG-HFS-84	Sabarmati Ashram Gaushala, Bidaj	24-12-2003	319	-1	29.25
9	SAG-JANAK	Sabarmati Ashram Gaushala, Bidaj	15-08-1989	106	-2	25.55
10	SAG-HFG-04	Sabarmati Ashram Gaushala, Bidaj	02-10-2002	107	-1	23.00
11	ABC-CB-528	Animal Breeding Centre, Salon	09-07-2010	148	-2	21.84
12	SAG-JIGAR	Sabarmati Ashram Gaushala, Bidaj	03-02-2001	310	3	21.20
13	SAG-HFS-92	Sabarmati Ashram Gaushala, Bidaj	23-03-2004	29	-1	20.96
14	SAG-HFS-114	Sabarmati Ashram Gaushala, Bidaj	23-08-2005	26	-1	20.24
15	SAG-BORIS	Sabarmati Ashram Gaushala, Bidaj	28-06-1997	72	-1	19.74
16	SAG-MAHADEV	Sabarmati Ashram Gaushala, Bidaj	17-05-1990	98	-1	19.31
17	SAG-BILLU	Sabarmati Ashram Gaushala, Bidaj	18-07-1997	134	-1	18.97
18	SAG-HFS-20	Sabarmati Ashram Gaushala, Bidaj	03-05-1998	28	-2	18.95
19	SAG-HFS-21	Sabarmati Ashram Gaushala, Bidaj	01-06-1999	22	-2	17.31
20	SAG-BHAVIK	Sabarmati Ashram Gaushala, Bidaj	26-05-1990	21	1	16.78
21	SAG-HFS-55	Sabarmati Ashram Gaushala, Bidaj	24-12-2002	64	-2	16.68
22	SAG-HFG-23	Sabarmati Ashram Gaushala, Bidaj	17-02-2010	120	-2	15.84
23	SAG-HFS-10	Sabarmati Ashram Gaushala, Bidaj	04-07-1998	21	-2	15.80

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV (Days open)	REL (%)
24	SAG-HFS-154	Sabarmati Ashram Gaushala, Bidaj	21-04-2012	179	-1	14.12
25	SAG-HFK-13	Sabarmati Ashram Gaushala, Bidaj	17-05-2004	258	-2	14.04
26	SAG-HFK-15	Sabarmati Ashram Gaushala, Bidaj	21-12-2005	215	-2	13.87
27	SAG-HFS-121	Sabarmati Ashram Gaushala, Bidaj	26-03-2007	355	2	13.68
28	SAG-HFS-603	Sabarmati Ashram Gaushala, Bidaj	14-01-2012	151	-1	13.64
29	SAG-NEELKANTH	Sabarmati Ashram Gaushala, Bidaj	15-05-1990	35	-1	13.23
30	SAG-HFS-609	Sabarmati Ashram Gaushala, Bidaj	13-08-2012	147	-1	13.17
31	SAG-HFS-39	Sabarmati Ashram Gaushala, Bidaj	08-08-2002	58	-1	13.11
32	SAG-HFS-47	Sabarmati Ashram Gaushala, Bidaj	09-09-2002	87	1	13.07
33	DUR-CBHF-213	Pashu Sanvardhan Kendra, Jagudan	09-04-2011	153	-1	13.00
34	DSU-CBHF-14	Dama Semen Production Unit	14-09-2010	115	-1	12.55
35	DUR-CBHF-212	Pashu Sanvardhan Kendra, Jagudan	15-01-2011	136	-1	12.46
36	SAG-HFS-45	Sabarmati Ashram Gaushala, Bidaj	23-12-2000	84	-1	12.32
37	SAG-HFK-10	Sabarmati Ashram Gaushala, Bidaj	16-05-2002	45	-1	12.22
38	DSU-CBHF-15	Dama Semen Production Unit	15-08-2010	151	-1	11.97
39	DSU-CBHF-10	Dama Semen Production Unit	11-04-2009	169	-1	11.46
40	SAG-HFS-131	Sabarmati Ashram Gaushala, Bidaj	02-03-2008	155	2	11.44
41	SAG-HFG-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	255	-2	10.69
42	SAG-NEHAL	Sabarmati Ashram Gaushala, Bidaj	16-12-1993	166	2	10.41
43	SAG-HFG-16	Sabarmati Ashram Gaushala, Bidaj	17-12-2008	267	1	10.31
44	SAG-HFS-86	Sabarmati Ashram Gaushala, Bidaj	11-08-2004	195	3	9.71
45	SAG-HFG-15	Sabarmati Ashram Gaushala, Bidaj	27-07-2008	394	1	9.44
46	SAG-HFK-17	Sabarmati Ashram Gaushala, Bidaj	07-02-2009	317	-2	9.34
47	SAG-HFS-83	Sabarmati Ashram Gaushala, Bidaj	21-12-2003	237	2	9.30
48	ABC-CB-340	Animal Breeding Centre, Salon	03-08-2008	219	1	9.25
49	SAG-HFS-120	Sabarmati Ashram Gaushala, Bidaj	26-09-2006	263	-4	9.21
50	SAG-HFS-100	Sabarmati Ashram Gaushala, Bidaj	26-07-2005	212	-1	8.54

S. No.	Bull id	Semen station	DOB	No. of daughters used for analysis	GBV (Days open)	REL (%)
51	SAG-HFS-81	Sabarmati Ashram Gaushala, Bidaj	24-11-2003	45	1	8.42
52	SAG-HX-10051	Sabarmati Ashram Gaushala, Bidaj	13-09-2016	15	1	8.18
53	SAG-HFG-22	Sabarmati Ashram Gaushala, Bidaj	17-06-2010	320	1	8.01
54	SAG-HFS-125	Sabarmati Ashram Gaushala, Bidaj	20-05-2006	167	-2	7.91
55	SAG-HS-10628	Sabarmati Ashram Gaushala, Bidaj	28-08-2014	56	2	7.58
56	SAG-HFS-87	Sabarmati Ashram Gaushala, Bidaj	19-05-2004	258	-6	7.51
57	SAG-HFS-115	Sabarmati Ashram Gaushala, Bidaj	15-02-2006	135	-4	7.45
58	SAG-HX-10047	Sabarmati Ashram Gaushala, Bidaj	22-03-2016	17	1	7.37
59	SAG-HFG-19	Sabarmati Ashram Gaushala, Bidaj	21-07-2009	164	-2	7.23
60	SAG-HG-10513	Sabarmati Ashram Gaushala, Bidaj	09-09-2013	76	3	7.23
61	DSU-CBHF-9	Dama Semen Production Unit	10-04-2010	150	2	6.89
62	SAG-HFK-16	Sabarmati Ashram Gaushala, Bidaj	15-05-2008	19	1	6.86
63	SAG-HFG-08	Sabarmati Ashram Gaushala, Bidaj	29-05-2005	60	1	6.81
64	SAG-HFS-145	Sabarmati Ashram Gaushala, Bidaj	28-08-2010	167	3	6.65
65	SAG-HG-10511	Sabarmati Ashram Gaushala, Bidaj	21-02-2014	93	1	6.56
66	SAG-HFS-127	Sabarmati Ashram Gaushala, Bidaj	03-04-2006	294	-3	6.49
67	SAG-HFS-46	Sabarmati Ashram Gaushala, Bidaj	20-05-2003	358	-2	6.36