Table S1. Rice germplasm used in the experiment with BRRI accession number.

SL. No.	Name of Local Rice Germplasm	BRRI Acc. No.	District	Season
1	Dorkumur	5330	Satkhira	T. Aman
2	KutiPatnai	4839	Satkhira	T. Aman
3	Rayeda	4849	Bagerhat	B. Aman
4	Maitchal	5306	Khulna	T. Aman
5	JolPaira	5303	Khulna	T. Aman
6	Kachra	1336	Pabna	T. Aman
7	Koijuri	3518	Rajshahi	Aus
8	Agrani Digha	4100	Natore	B. Aman
9	Laxmikajal	4161	Satkhira	T. Aman
10	Kalamucha	1190	Joshore	B. Aman
11	Nonasail	599	Noakhali	T.aman
12	Sadamota	7501	Pirojpur	T.aman
13	Horkoch	4173	Joshore	T. Aman
14	Gaindha	7639	B. Baria	T. Aman
15	L-16	Locally collected	Satkhira	T. Aman
16	Changai Dhan	7632	Borguna	T.aman
17	Boaincha Biruin	7573	Hobiganj	T.aman
18	Bazal (Bhoro)	799	Chittagong	B. Aman
19	Kajalsail	3218	Dhaka	T. Aman
20	Aus Baki	3465	Meharpur	Aus
21	Benapol (Brown)	7866	Khulna	T. Aman
22	JamaiNaru	4788	..	T. Aman
23	Gunshi	3869	..	T. Aman
24	Pokkali	4256	Narsingdi	T. Aman
25	Ashful	4842	Satkhira	T. Aman
26	L-39	Locally collected	Satkhira	
27	Binni	4239	Bogura	T. Aman
28	Nona kochi	5323	Khulna	T. Aman
29	Latisail	1096		
30	Asha	3466	Joshore	Aus
31	Changai	3858	…	T. Aman
32	Sadabalam	5302	Khulna	T. Aman
33	Hijol Dhiga	7646	B. Baria	T. Aman
34	Badadhan	432	Rajshahi	T. Aman
35	Darialshail	1247	Faridpur	B. Aman
36	**Barisail**	5275	Sunamganj	T. Aman
37	**BRRI dhan67(Tolerant check)**		BRRI	Boro
38	**BRRI dhan73(Tolerant check)**		BRRI	T. Aman
39	Boilam	1688	Faridpur	Aus
40	Soloi	1720	Khulna	Aus
41	Mohini sail	435	Rajshahi	T. Aman
42	**Bhobani Bhog**	70	Dhaka	T. Aman
43	Kajal (Nawgon)	7335	PBD,Gazipur	T. Aman
44	Moina Moti	7622	Patuakhali	T. Aman
45	Loha dang	409	Rajshahi	T. Aman
46	Kati sail	437	Rajshahi	T. Aman
47	Kaliboro	6202	Jamalpur	Boro
48	Hanumanjata	8079		T. Aman
49	Depa	325	Rangpur	T. Aman
50	Ashwina	4714	Netrokona	T. Aman
51	Ashfalpatnai	4154	Noakhali	T. Aman
52	Chinikanai	4356	Khulna	T. Aman

53	Akundi (2)	1016	Khulna	T. Aman
54	Ghigoj	5209	Barisal	T.aman
55	Gopal Bhog	222	Mymensing	T.aman
56	Surjamukhi	329	Rangpur	T. Aman
57	Dular-DA-22	22	Dhaka	Aus
58	Hogla	4178	Joshore	T. Aman
59	Bazail	165	Tangail	T. Aman
60	L- 65	Locally collected	Satkhira	T. Aman
61	L- 70	Locally collected	Satkhira	T. Aman
62	L- 22	Locally collected	Satkhira	T. Aman
63	L- 28	Locally collected	Satkhira	T. Aman
64	L- 91	Locally collected	Satkhira	T. Aman
65	L- 81	Locally collected	Satkhira	T. Aman
66	Harishankar	5298	Satkhira	T. Aman
67	L-84	Locally collected	Satkhira	T. Aman
68	Tembro	751	Chittagong	T. Aman
69	L- 71	Locally collected	Satkhira	T. Aman
70	L- 29	Locally collected	Satkhira	T. Aman
71	L- 61	Locally collected	Satkhira	T. Aman
72	L- 26	Locally collected	Satkhira	T. Aman
73	L- 24	Locally collected	Satkhira	T. Aman
74	L- 80	Locally collected	Satkhira	T. Aman
75	Kali Binni	7521	Sunamganj	T. Aman
76	L- 66	Locally collected	Satkhira	T. Aman
77	L- 4	Locally collected	Satkhira	T. Aman
78	L- 49	Locally collected	Satkhira	T. Aman
79	L- 44	Locally collected	Satkhira	T. Aman
80	Nona Khorchi	7861	Khulna	T. Aman
81	L- 69	Locally collected	Satkhira	T. Aman
82	Hasha Kumira	63	Dhaka	T. Aman
83	L- 59	Locally collected	Satkhira	T. Aman
84	L- 86	Locally collected	Satkhira	T. Aman
85	Bpt-5204	7329	BRRI	T. Aman
86	Fazla (Nawgan)	7334	BRRI	T. Aman
87	L- 11	Locally collected	Satkhira	T. Aman
88	Lembur	752	Chittagong	T. Aman
89	L- 5	Locally collected	Satkhira	T. Aman
90	L- 8	Locally collected	Satkhira	T. Aman
91	Lamba Vojon	7502	Pirojpur	T. Aman
92	Boleshwar Mota	7626	Patuakhali	T. Aman
93	Binna Chupi	1600	Patuakhali	T. Aman
94	Murali (2)	828	Sylhet	T. Aman

Table S2. Modified standard evaluation score (SES) of visual salt injury at vegetative phase (Gregorio et al., 2002).

Score	Observation	Tolerance
1	Normal growth, no leaf symptoms	Highly tolerant
3	Nearly normal growth, but leaf tips or few leaves are whitish and rolled	Tolerant
5	Growth severely retarded, most leaves rolled, only a few elongating	Moderately tolerant
7	Complete cessation of growth, most leaves dry, some plants dying	Susceptible
9	Almost all plants dead or dying	Highly susceptible

Table S3. Score for visual salt injury at reproductive phase.

Score	Observation	Tolerance
1	Normal growth, spikelet fertility (>70%)	Highly tolerant
3	Heading delay, spikelet fertility (30-69%)	Tolerant
5	Reduced plant height, delayed heading, reduced panicle length, spikelet fertility (<30%)	Moderately tolerant
7	Broken and empty spikelet	Susceptible
9	No heading, plant gradually become dead	Highly susceptible

Table S4. Standard Evaluation System (SES) score for salinity stress under eight dS/m of salinity at vegetative phase.

SES Scale	Name of Germplasm	No. of Germplasm
1 (Highly tolerant)	Dorkumur, Rayeda, Kachra, Koijuri, Asha, Kajal, Kaliboro, Hanumanjata, Akundi, Dular KutiPatnai, Gaindha, L-16, Aus Baki, BRRI dhan67 (check), BRRI dhan73 (check), L- 59 and L- 11	18
3 (Tolerant)	Kalamucha, Sadamota, Benapol (Brown), Horkoch, Bada dhan, Soloi, Kajalsail, Pokkali, Ashful, Ashwina, Ashfal patnai, Bazail, L- 65, Boilam, Depa, Chini kanai, Mohini sail, Kali Binni , Lembur, L- 5(2), L- 8, L- 22, L- 24 and Binna Chupi.	24
5 (Moderately tolerant)	Binni, Nonakochi, Boaincha Biruin, Bazal (Bhoro), GopalBhog, L- 80, Loha dang, Kati sail, L- 81, Harishankar, L-84, JolPaira, Laxmikajal, Changai Dhan, Changai, Hijol Dhiga, Hasha Kumira, JamaiNaru, Gunshi, Latisail, Sadabalam, Darial shail, Ghigoj, Surjamukhi, L- 28, L- 91, Tembro, L- 71, L- 29, L- 26, L- 66, L- 4, L- 44, Bpt-5204, Fazla (Nawgan), Lamba Vojon and Murali (2)	37
7 (Susceptible)	Maitchal, Agrani Digha (1), Nonasail, Hogla, L- 70, L- 61, L- 49, Nona Khorchi, L-69, L- 86 and Boleshwas Mota	11
9 (Highly susceptible)	L-39, Barisail, Bhobani Bhog and Moina Moti.	4

Table S5. Standard Evaluation System (SES) score for salinity stress under eight dS/m of salinity at reproductive phase.

SES Scale	Name of Germplasm	No. of Germplasm
1 (Highly tolerant)	Koijuri, Asha, Kajal, Kaliboro, Hanumanjata, Akundi and Dular	7
3 (Tolerant)	Dorkumur, KutiPatnai, Rayeda, Kachra, Kalamucha, Sadamota, Gaindha, L-16, Aus Baki, Benapol (Brown), Bada dhan, BRRI dhan67 (check), BRRI dhan73 (check), Soloi, Mohini sail, L- 59, L- 11, Binna Chupi.	18
5 (Moderately tolerant)	Kajalsail, Pokkali, Ashful, Binni, Nona kochi, Boaincha Biruin, Bazal (Bhoro), Ashwina, Ashfal patnai, Bazail, L- 65, GopalBhog, L- 80, Kali Binni , Lembur, L- 5(2), L- 8, Loha dang, Kati sail, L- 81, Harishankar, L-84, JolPaira, Laxmikajal, Changai Dhan , Changai, Hijol Dhiga , Boilam, Depa, Chini kanai, L- 22, L- 24 and Hasha Kumira.	33
7 (Susceptible)	JamaiNaru, Gunshi, Latisail, Sadabalam, Darial shail, Ghigoj, Surjamukhi, L- 28, L-91, Tembro, L- 71, L- 29, L- 26, L- 66, L- 4, L- 44, Bpt-5204, Fazla (Nawgan) , Lamba Vojon , Murali (2)	20
9 (Highly susceptible)	Maitchal, Agrani Digha (1), Nonasail, Horkoch, L-39, Barisail, Bhobani Bhog, Moina Moti, Hogla, L- 70, L- 61, L- 49, Nona Khorchi, L- 69, L- 86, Boleshwas Mota	16

Table S6. SES (Standard Evaluation System) score for salinity stress under twelve dS/m of salinity at vegetative phase.

SES Scale	Name of Germplasm	No. of Germplasm
1 (Highly tolerant)	Koijuri, Asha, Hanumanjata, Akundi and Dular	5
3 (Tolerant)	Kajal, Kaliboro, KutiPatnai, BRRI dhan67 (check), BRRI dhan73 (check)	5
5 (Moderately tolerant)	Dorkumur, Rayeda, Kachra, Kalamucha, Sadamota, Gaindha, L-16, Aus Baki, Benapol (Brown), Bada dhan, Soloi, Mohini sail, L- 59, L- 11, Binna Chupi	15
7 (Susceptible)	Pokkali, Ashful, Boaincha Biruin, Bazal (Bhoro), Ashwina, Gunshi, Ashfal patnai, Bazail, L- 65, Surjamukhi,GopalBhog, L- 80, , Lembur, L- 5(2), L- 8, L- 81, L-84	17
9 (Highly susceptible)	Kajalsail, Binni, Nona kochi, Loha dang, Kati sail, Kali Binni Harishankar, JolPaira, Laxmikajal, Changai Dhan, Changai, Hijol Dhiga, Boilam, Depa, Chini kanai, L- 22, L- 24, Hasha Kumira. JamaiNaru, Latisail, Sadabalam, Darial shail, Ghigoj, L- 28, L- 91, Tembro, L- 71, L- 29, L- 26, L- 66, L- 4, L- 44, Bpt-5204, Fazla (Nawgan), Lamba Vojon, Murali (2), Maitchal, Agrani Digha (1), Nonasail, Horkoch, L-39, Barisail, Bhobani Bhog, Moina Moti, Hogla, L- 70, L- 61, L- 49, Nona Khorchi, L- 69, L- 86, Boleshwas Mota	52

Table S7. SES (Standard Evaluation System) score for salinity stress under twelve dS/m of salinity at reproductive phase.

SES Scale	Name of Germplasm	No. of Germplasm
1 (Highly tolerant)	Koijuri, Asha, Hanumanjata, Akundi and Dular	5
3 (Tolerant)	Kajal, Kaliboro, KutiPatnai, BRRI dhan67 (check)	4
5 (Moderately tolerant)	Dorkumur, Rayeda, Kachra, Kalamucha, Sadamota, Gaindha, L-16, Bada dhan, Soloi, Mohini sail, L- 59, BRRI dhan73 (check), L- 11, Binna Chupi	14
7 (Susceptible)	Pokkali, Ashful, Boaincha Biruin, Ashwina, Ashfal patnai, Bazail, L- 65, L- 80, Lembur, L- 5(2)	10
9 (Highly susceptible)	Kajalsail, Binni, Nona kochi, Loha dang, Kati sail, Kali Binni Harishankar, JolPaira, Laxmikajal, Changai Dhan, Changai, Hijol Dhiga, Boilam, Depa, Chini kanai, L- 22, L- 24, Hasha Kumira. JamaiNaru, Latisail, Sadabalam, Darial shail, Ghigoj, L- 28, L- 91, Tembro, L- 71, L- 29, L- 26, L- 66, L- 4, L- 44, Bpt-5204, Fazla (Nawgan), Lamba Vojon, Murali (2), Maitchal, Agrani Digha (1), Nonasail, Horkoch, L-39, Barisail, Bhobani Bhog, Moina Moti, Hogla, L- 70, L- 61, L- 49, Nona Khorchi, L- 69, L- 86, Boleshwas Mota, Aus Baki, Benapol (Brown), Bazal (Bhoro), GopalBhog, Gunshi, Surjamukhi, L-84, L- 8, L- 81	61

Table S8. General information on genotypic data.

SL. No.	Genotypic information parameters	Value
1	Number of Taxa in data set	94
2	Number of Sites in data set	870
3	Sites x Taxa	81780
4	Number Not Missing (Number of known values of allele)	75536
5	Proportion Not Missing (Number Not Missing / Sites x Taxa)	0.92365
6	Number Missing (unknown values of alleles)	6244
7	Proportion Missing (Number Missing / Sites x Taxa)	0.07635
8	Number Gametes (Number of Sites x Number Taxa x 2)	163560
9	Gametes Not Missing	151072
10	Proportion Gametes Not Missing (Gametes Not Missing / Number Gametes)	0.92365
11	Gametes Missing (Number of unknown gametes)	12488
12	Proportion Gametes Missing (Gametes Missing / Number Gametes)	0.07635
13	Number Heterozygous	826
14	Proportion Heterozygous (Number Heterozygous / Sites x Taxa)	0.0101
15	Average Minor Allele Frequency	0.25035

Table S9. First three principal components of the studied germplasm from 1 K SNP panel.

Sl No.	Taxa	PC1	PC2	PC3
1	Dorkumor	3.007843	0.945052	9.521517
2	KutiPatnai	3.007843	0.945052	9.521517
3	Rayada	3.005146	0.931606	9.487287
4	Maitchal	1.939759	0.037552	7.77463
5	JolPaira	2.249052	0.740707	7.485802
6	Kachra	2.803064	2.047531	5.387157
7	Koijuri	3.165892	0.744326	2.319539
8	Agrani	2.471325	0.010223	2.205341
9	Laxmikajal	2.471325	0.010223	2.205341
10	Kalamosa	2.960026	0.809021	2.094675
11	Nonasail	2.277752	2.111417	1.162482
12	Sadamota	2.299791	2.100116	1.149955
13	Horcoach	3.489876	0.057653	0.947765
14	Gaindha	8.081898	1.730004	0.937038
15	L-16	8.539499	2.181204	0.716441
16	ChangaiDhan	8.691523	2.244601	0.686809
17	BoainchaBiruim	2.536046	0.379904	0.605276
18	Bazal-Bhoro	3.999127	1.466973	0.596862
19	Kajalsail	8.895019	4.35573	0.561851
20	Ausbako	2.291682	0.370057	0.526045
21	Benapol Brown	8.508144	1.703282	0.454124
22	JamaiNadu	1.853047	0.957388	0.39644
23	Gunshi	1.18246	2.641785	0.382496
24	Pokkali	8.913114	3.851914	0.363265
25	Ashfol	3.885972	0.613287	0.349728
26	L-39	9.453939	3.515763	0.33217
27	Binni	8.295961	3.105069	0.276591
28	Nonakochi	4.370368	1.298674	0.227567
29	Latisail	9.063055	3.980312	0.205224
30	Asha	2.151434	1.70607	0.182236
31	Changai	4.598383	1.346683	0.165409
32	Sadabalam	8.87252	4.046216	0.152208
33	HijolDhiga	9.234827	4.159477	0.132469
34	Badadhan	9.301655	3.946091	0.114753
35	Darial	8.881664	4.243779	0.10391
36	Barisail	4.458035	0.372746	0.081619
37	BRRIdhan67	9.169725	3.297559	0.061538
38	BRRIdhan73	8.846933	3.90914	0.004875
39	Boilam	9.091005	3.618923	0.038242
40	Soloi	9.277347	3.666498	0.047429
41	Mohinisail	4.819921	1.001015	0.301044
42	Kajal-Nawgon	1.921549	2.621869	0.343088
43	MoinaMoti	4.410917	0.947786	0.366203
44	Lohadang	3.373329	6.274037	0.377403
45	Katisail	4.804154	1.511231	0.433003
46	Kaliboro	3.730166	0.197767	0.550692
47	Hanumanjata	3.340556	0.612046	0.558878
48	Depa	3.913681	0.730891	0.667567
49	Aswina	5.036766	7.324832	0.681825
50	Ashfalbalam	3.189904	1.038465	0.682861
51	ChikiramPatnai	3.990429	1.181365	0.737264
52	Akundi	4.180976	0.773783	0.849312

53	Ghigoj	3.819107	1.521654	0.88267
54	GopalBhog	4.598716	1.515644	0.900768
55	Surjamukhi	4.75424	7.215716	0.947933
56	Dular	4.468459	6.602489	0.962818
57	Hogla	4.518063	0.537925	0.996069
58	Bazail	5.346838	7.058778	1.097701
59	L-65	5.184594	8.080561	1.129232
60	L-70	5.778025	8.128097	1.198989
61	L-22	5.713372	8.107317	1.206494
62	L-28	3.219222	1.330436	1.208279
63	L-91	2.94721	2.650375	1.267522
64	L-81	1.124137	2.805019	1.273637
65	Harishankar	3.932664	0.627129	1.281092
66	L-84	3.773498	0.858986	1.304865
67	TemBoro	3.96622	1.14921	1.355306
68	L-71	3.774525	0.384842	1.368605
69	L-29	5.218245	7.668387	1.40328
70	L-61	4.870409	6.759594	1.434454
71	L-26	4.020962	1.093449	1.47449
72	L-24	3.545847	1.559812	1.480767
73	L-80	2.933631	0.633101	1.509794
74	KaliBinni	3.162398	2.587637	1.532273
75	L-66	3.148489	2.683126	1.536145
76	L-4	2.758657	0.113835	1.542408
77	L-49	3.442802	0.690892	1.654491
78	L-44	4.08319	0.998648	1.673658
79	NonaKhorchi	3.681166	1.501362	1.68407
80	L-69	3.259186	1.154314	1.695061
81	HashaKumira	4.931175	7.000821	1.704765
82	L-59	3.912351	0.784533	1.787646
83	Bpt-5204	0.386935	2.142884	1.810377
84	Fazla-Nawgan	3.23443	1.545576	1.863618
85	L-11	3.980225	1.514119	1.977824
86	Lembur	4.317051	1.839178	2.151592
87	L-5-2	2.844253	0.979117	2.225846
88	L-8	2.518424	0.845607	2.379235
89	LambaVojon	3.272475	2.740637	2.555703
90	Boleshwar	3.314304	2.775989	2.560668
91	BinnaChupi	3.674058	1.699752	2.587722
92	Murali-2	3.694684	2.259372	2.637276
	Total	**415.4297**	**216.5606**	**139.7599**
	As percentage	**41.5**	**21.7**	**14**
	Total percentage		**77.2**	

Table 10. Chromosome-wise location of the 13 MTA (marker trait association).

Chromosome No.	No.of significant SNP
1	3
4	2
5	1
6	1
7	1
10	2
11	1
12	2

Table 11. Highly salinity tolerant genotypes with significant SNP.

SL. No.	Genotype (Highly salt tolerant based on phenotypic screening)	Minor allele containing significant SNP position
1	Koijuri	2045112 bp, 4019997 bp, 6130240 bp
2	Asha	2045112 bp, 4019997 bp, 6130240 bp
3	Kajal (Nawgon)	7563923 bp, 2045112 bp, 3400212 bp
4	Kaliboro	14489210 bp, 4456304 bp, 2045112 bp, 4019997 bp, 6130240 bp
5	Hanumanjata	14489210 bp, 2045112 bp, 4019997 bp, 6130240 bp
6	Akundi (2)	14489210 bp, 9561302 bp, 15140411 bp
7	Dular-DA-22	2045112 bp, 4019997 bp, 6130240 bp

Table 12. Tolerant genotypes with significant SNP.

SL. No.	Genotype (salt tolerant based on phenotypic screening)	Minor allele containing significant SNP position
1	Dorkumur	14489210 bp, 9561302 bp, 15140411 bp
2	KutiPatnai	9561302 bp, 41020155 bp
3	Rayeda	9561302 bp, 4456304 bp, 4019997 bp
4	Kachra	14489210 bp, 9561302 bp, 4019997 bp, 41020155 bp, 6130240 bp
5	Kalamucha	14489210 bp, 7563923 bp, 4456304 bp, 18689329 bp
6	Sadamota	14489210 bp, 7563923 bp, 4456304 bp, 18689329 bp
7	Gaindha	14489210 bp, 9561302 bp, 19353709 bp, 18689329 bp, 2045112 bp, 4019997 bp, 41020155 bp, 15140411 bp
8	L-16	14489210 bp, 9561302 bp, 2045112 bp, 15140411 bp
9	Aus Baki	14489210 bp, 2045112 bp, 4019997 bp, 613024 bp
10	Benapol(Brown)	14489210 bp, 9561302 bp, 15140411 bp
11	Bada dhan	14489210 bp, 9561302 bp, 19353709 bp, 2045112 bp, 4019997 bp
12	BRRI dhan67 (check)	14489210 bp, 9561302 bp, 4456304 bp, 4019997 bp, 15140411 bp, 6130240 bp
13	BRRI dhan73 (check)	14489210 bp, 4456304 bp, 19353709 bp, 4019997 bp, 15140411 bp
14	Soloi	14489210 bp, 4456304 bp, 2045112 bp, 4019997 bp, 6130240 bp
15	Mohini sail	14489210 bp, 9561302 bp, 19353709 bp, 4019997 bp
16	L- 59	14489210 bp, 7563923 bp, 3400212 bp, 4019997 bp, 15140411 bp, 6130240 bp
17	L- 11	14489210 bp, 9561302 bp, 15140411 bp
18	Binna Chupi	14489210 bp, 7563923 bp, 2045112 bp, 4019997 bp

Table 13. Moderately tolerant genotypes with significant SNP.

SL. No.	Genotype (Moderately salt tolerant based on phenotypic screening)	Minor allele containing significant SNP position
1	Kajalsail	9561302 bp, 4019997 bp
2	Pokkali	9561302 bp, 4456304 bp
3	Ashful	14489210 bp, 7563923bp, 9561302 bp, 6130240 bp
4	Binni	7563923 bp, 41020155 bp, 15140411 bp, 6130240 bp
5	Nona kochi	29056693 bp, 6130240 bp
6	Boaincha Biruin	7563923 bp, 9561302 bp, 41020155 bp, 6130240 bp
7	Bazal (Bhoro)	7563923 bp, 41020155 bp
8	Ashwina	14489210 bp, 9561302 bp, 19353709 bp 3400212 bp, 6130240 bp
9	Ashfal patnai	14489210 bp, 15140411 bp
10	Bazail	9561302 bp, 4456304 bp, 19353709 bp, 18689329 bp
11	L- 65	9561302 bp, 19353709 bp, 18689329 bp, 2045112 bp
12	GopalBhog	14489210 bp, 7563923 bp, 19353709 bp, 3400212 bp, 4019997 bp, 41020155 bp, 6130240 bp
13	L- 80	7563923 bp, 9561302 bp, 4456304 bp, 18689329 bp, 3400212 bp, 29056693 bp, 41020155 bp, 15140411 bp
14	Kali Binni	14489210 bp, 9561302 bp, 18689329 bp, 2045112 bp, 4019997 bp, 6130240 bp
15	Lembur	3400212 bp, 41020155 bp, 6130240 bp
16	L- 5(2)	7563923 bp, 9561302 bp, 4456304 bp, 3400212 bp, 41020155 bp
17	L- 8	7563923 bp, 9561302 bp, 4456304 bp, 3400212 bp, 41020155 bp
18	Loha dang	9561302 bp, 4019997 bp, 41020155 bp
19	Kati sail	14489210 bp, 9561302 bp, 19353709 bp, 3400212 bp, 6130240 bp
20	L- 81	7563923 bp, 4456304 bp, 3400212 bp, 41020155 bp
21	Harishankar	9561302 bp, 4019997 bp
22	L-84	7563923 bp, 9561302 bp, 4456304 bp, 3400212 bp, 41020155 bp
23	JolPaira	29056693 bp
24	Laxmikajal	29056693 bp
25	Changai Dhan	7563923 bp, 41020155 bp
26	Changai	29056693 bp
27	Hijol Dhiga	7563923 bp, 9561302 bp
28	Boilam	2045112 bp, 41020155 bp, 6130240 bp
29	Depa	18689329 bp, 2045112 bp, 41020155 bp, 6130240 bp
30	Chini kanai	29056693 bp, 6130240 bp
31	L- 22	9561302 bp, 2045112 bp
32	L- 24	29056693 bp
33	Hasha Kumira	18689329 bp, 2045112 bp, 29056693 bp, 4019997 bp, 6130240 bp