

Table S1 Haplotype diversities of seven clusters in Uyghur male individuals (*n*=94)

DXS10135-DXS8378-DXS10148			DXS7132-DXS10074-DXS10079-DXS10075			DXS10103-HPRTB-DXS10101			DXS10134-DXS7423			DXS10159-DXS10162-DXS10164			DXS6809-DXS6789			DXS7424-DXS101		
Haplotype	Number	Frequency	Haplotype	Number	Frequency	Haplotype	Number	Frequency	Haplotype	Number	Frequency	Haplotype	Number	Frequency	Haplotype	Number	Frequency	Haplotype	Number	Frequency
16-12-24.1	1	0.0106383	11-15-23-17	1	0.0106383	15-12-33	1	0.0106383	32-14	1	0.0106383	22-19-11	1	0.0106383	28-21	1	0.0106383	13-24	3	0.0319149
17-10-20	1	0.0106383	11-18-20-17	1	0.0106383	15-12-34	1	0.0106383	32-15	1	0.0106383	22-19-13	1	0.0106383	29-20	1	0.0106383	13-25	2	0.0212766
18-10-18	1	0.0106383	12-13-19-16	1	0.0106383	15-14-32	1	0.0106383	33-13	1	0.0106383	23-16-10	1	0.0106383	29-22	1	0.0106383	13-26	5	0.0531915
18-11-25.1	1	0.0106383	12-15-21-17	1	0.0106383	16-11-32	1	0.0106383	33-14	2	0.0212766	23-16-12	1	0.0106383	30-16	1	0.0106383	13-27	1	0.0106383
18-12-21	1	0.0106383	12-16-20-18	1	0.0106383	16-11-33	1	0.0106383	33-15	5	0.0531915	23-17-10	2	0.0212766	30-20	1	0.0106383	14-18	1	0.0106383
19-10-29.1	1	0.0106383	12-16-20-18	1	0.0106383	16-12-32	3	0.0319149	34-13	1	0.0106383	23-18-11	1	0.0106383	31-15	3	0.0319149	14-23	2	0.0212766
19-11-22.1	1	0.0106383	12-18-19-18	1	0.0106383	16-13-30	2	0.0212766	34-14	1	0.0106383	23-18-13	1	0.0106383	31-20	2	0.0212766	14-25	1	0.0106383
19-11-26.1	1	0.0106383	12-18-20-17	1	0.0106383	16-13-31	2	0.0212766	34-15	4	0.0425532	23-19-11	1	0.0106383	31-21	3	0.0319149	14-29	1	0.0106383
19-12-24	1	0.0106383	12-18-22-17	1	0.0106383	16-13-32	2	0.0212766	34-16	2	0.0212766	24-16-11	2	0.0212766	31-22	3	0.0319149	15-15	1	0.0106383
20-10-19	2	0.0212766	12-20-19-17	1	0.0106383	16-13-33	1	0.0106383	35-14	5	0.0531915	24-17-10	4	0.0425532	32-15	2	0.0212766	15-18	1	0.0106383
20-10-24.1	1	0.0106383	13-7-19-13	1	0.0106383	16-13-34	1	0.0106383	35-15	5	0.0531915	24-17-13	1	0.0106383	32-16	3	0.0319149	15-22	1	0.0106383
20-11-28.1	2	0.0212766	13-15-20-16	1	0.0106383	16-13-35	1	0.0106383	36-13	3	0.0319149	24-17-13	1	0.0106383	32-19	4	0.0425532	15-23	4	0.0425532
20-12-18	1	0.0106383	13-15-20-17	1	0.0106383	16-14-30	2	0.0212766	36-14	9	0.0957447	24-18-10	7	0.0744681	32-20	5	0.0531915	15-24	5	0.0531915
20-12-27.1	1	0.0106383	13-15-21-16	1	0.0106383	16-14-31	2	0.0212766	36-15	10	0.106383	24-18-11	4	0.0425532	32-21	9	0.0957447	15-25	8	0.0851064
21-10-18	1	0.0106383	13-16-16-16	1	0.0106383	16-14-32	2	0.0212766	36-16	2	0.0212766	24-19-9	1	0.0106383	33-15	2	0.0212766	15-26	2	0.0212766
21-10-22.1	1	0.0106383	13-16-18-17	1	0.0106383	16-14-33	1	0.0106383	37-14	6	0.0638298	24-19-10	5	0.0531915	33-16	6	0.0638298	15-27	1	0.0106383
21-10-26.1	1	0.0106383	13-16-18-18	1	0.0106383	16-15-30	1	0.0106383	37-15	9	0.0957447	24-19-11	1	0.0106383	33-19	1	0.0106383	16-15	2	0.0212766
21-11-22.1	1	0.0106383	13-16-20-16	1	0.0106383	16-15-31	4	0.0425532	37-16	3	0.0319149	24-20-10	1	0.0106383	33-20	4	0.0425532	16-18	2	0.0212766
21-11-26.1	1	0.0106383	13-16-20-17	3	0.0319149	17-11-31	1	0.0106383	37-16	3	0.0319149	24-20-13	1	0.0106383	33-21	6	0.0638298	16-20	1	0.0106383
21-12-19	1	0.0106383	13-16-23-17	1	0.0106383	17-11-31	1	0.0106383	37-15	1	0.0106383	24-21-10	1	0.0106383	33-22	5	0.0531915	16-21	3	0.0319149
21-12-22.1	1	0.0106383	13-16-23-17	1	0.0106383	17-12-34	1	0.0106383	38-14	1	0.0106383	25-15-11	1	0.0106383	33-23	1	0.0106383	16-22	1	0.0106383
1.1-10-24.1	1	0.0106383	13-17-17-16	1	0.0106383	17-13-30	1	0.0106383	38-15	5	0.0531915	25-16-10	1	0.0106383	34-15	3	0.0319149	16-23	3	0.0319149
1.1-11-24.1	1	0.0106383	13-17-19-16	1	0.0106383	17-13-31	1	0.0106383	38.2-15	1	0.0106383	25-17-10	2	0.0212766	34-16	3	0.0319149	16-24	10	0.106383
22-9-25.1	1	0.0106383	13-17-20-17	3	0.0319149	17-13-34	1	0.0106383	38.3-16	1	0.0106383	25-17-12	1	0.0106383	34-19	1	0.0106383	16-25	8	0.0851064
22-10-19	1	0.0106383	13-17-20-18	1	0.0106383	17-14-28	1	0.0106383	39-14	1	0.0106383	25-18-10	3	0.0319149	34-20	5	0.0531915	16-26	4	0.0425532
22-10-22.1	1	0.0106383	13-17-21-17	1	0.0106383	17-14-32	1	0.0106383	39-15	4	0.0425532	25-18-11	6	0.0638298	34-21	5	0.0531915	16-27	2	0.0212766
22-10-23.1	1	0.0106383	13-17-21-17	1	0.0106383	17-15-32	1	0.0106383	39.3-14	1	0.0106383	25-18-12	1	0.0106383	34-22	3	0.0319149	16-28	1	0.0106383
22-10-26.1	3	0.0319149	13-18-15-14.2	1	0.0106383	18-11-29.2	1	0.0106383	39.3-15	1	0.0106383	25-18-13	1	0.0106383	35-16	2	0.0212766	16-31	1	0.0106383
22-10-28.1	1	0.0106383	13-18-16-16	2	0.0212766	18-11-30	1	0.0106383	39.3-16	1	0.0106383	25-19-9	1	0.0106383	35-20	2	0.0212766	17-18	2	0.0212766
22-11-18	2	0.0212766	13-18-17-17	1	0.0106383	18-12-29.2	1	0.0106383	40.3-14	1	0.0106383	25-19-10	4	0.0425532	35-22	1	0.0106383	17-23	1	0.0106383
22-11-26.1	1	0.0106383	13-18-18-18	1	0.0106383	18-12-30.2	1	0.0106383	41.3-14	1	0.0106383	25-19-12	2	0.0212766	35-23	1	0.0106383	17-24	3	0.0319149
22-11-27.1	1	0.0106383	13-18-19-16	1	0.0106383	18-12-31.2	1	0.0106383	41.3-16	1	0.0106383	25-20-11	4	0.0425532	36-15	1	0.0106383	17-25	2	0.0212766
22-12-22.1	1	0.0106383	13-18-19-17	1	0.0106383	18-12-32	1	0.0106383	42.3-15	2	0.0212766	26-17-10	1	0.0106383	36-21	2	0.0212766	17-26	1	0.0106383
22-12-25.1	1	0.0106383	13-18-19-18	1	0.0106383	18-12-33	1	0.0106383	43.3-14	1	0.0106383	26-18-8	1	0.0106383				17-27	4	0.0425532
22-12-27.1	1	0.0106383	13-18-20-18	2	0.0212766	18-13-30.2	2	0.0212766	43.3-15	1	0.0106383	26-18-10	4	0.0425532				17-28	1	0.0106383
23-9-18	1	0.0106383	13-18-20-18	2	0.0212766	18-13-31.2	1	0.0106383				26-18-11	1	0.0106383				18-27	2	0.0212766
23-10-18	1	0.0106383	13-18-21-17	1	0.0106383	18-13-32.1	1	0.0106383				26-18-12	1	0.0106383				19-26	1	0.0106383
23-10-20	1	0.0106383	13-19-18-17	1	0.0106383	18-13-31.2	1	0.0106383				26-19-10	3	0.0319149						
23-10-23.1	1	0.0106383	13-19-19-16	1	0.0106383	18-14-31	1	0.0106383				26-19-11	2	0.0212766						
23-10-26.1	1	0.0106383	13-19-19-17	1	0.0106383	18-14-32	1	0.0106383				26-20-10	1	0.0106383						
23-12-19	1	0.0106383	13-19-20-16	1	0.0106383	18-15-31	1	0.0106383				26-20-11	1	0.0106383						
23-12-30.1	1	0.0106383	14-8-19-16	1	0.0106383	18-16-30	1	0.0106383				27-16-12	1	0.0106383						
3.1-10-25.1	1	0.0106383	14-15-18-16	1	0.0106383	19-11-27.2	1	0.0106383				27-17-10	1	0.0106383						
3.1-11-26.1	1	0.0106383	14-15-20-17	1	0.0106383	19-11-30.2	1	0.0106383				27-18-10	3	0.0319149						
24-10-19	1	0.0106383	14-16-17-17	1	0.0106383	19-12-25	1	0.0106383				27-19-10	1	0.0106383						
24-10-23.1	1	0.0106383	14-16-17-18	2	0.0212766	19-12-27	1	0.0106383				27-19-11	1	0.0106383						
24-10-24.1	1	0.0106383	14-16-19-17	1	0.0106383	19-12-27.2	1	0.0106383				27-20-11	1	0.0106383						
24-10-25.1	4	0.0425532	14-16-19-18	1	0.0106383	19-12-28	1	0.0106383				27-20-11	1	0.0106383						
24-10-28.1	1	0.0106383	14-16-22-17	1	0.0106383	19-12-28.2	2	0.0212766				28-17-10	2	0.0212766						
24-11-19	1	0.0106383	14-16-23-18	1	0.0106383	19-12-29	4	0.0425532				28-18-12	1	0.0106383						
24-11-22.1	1	0.0106383	14-17-15-17	1	0.0106383	19-12-30	1	0.0106383				28-19-8	1	0.0106383						
24-11-25.1	1	0.0106383	14-17-19-17	1	0.0106383	19-12-30.2	2	0.0212766				28-19-12	1	0.0106383						
24-11-26.1	1	0.0106383	14-17-20-17	1	0.0106383	19-12-31.2	1	0.0106383				28-20-11	1	0.0106383						
24-12-27.1	2	0.0212766	14-17-20-18	1	0.0106383	19-13-26	1	0.0106383												
4.1-11-27.1	1	0.0106383	14-17-21-17	1	0.0106383	19-13-28.2	3	0.0319149												
25-9-31.1	1	0.0106383	14-17-21-18	1	0.0106383	19-13-29	1	0.0106383												
25-10-24.1	1	0.0106383	14-17-22-17	1	0.0106383	19-13-29.2	2	0.0212766												