

Supplementary Data 4. output of ChromExtractor program showing results for node 14 (1 to 14).

Genes Names	Chromosome	Specimen	Aberration #	Amplification	Deletion		
AAA1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
Shiraz-29T	1777	0.156747	0				
Shiraz-38T	1950	0.265916	0				
Shiraz-71T	2236	0.320072	0				
Shiraz-3T	87	0.198593	0				
Shiraz-4T	252	0.192083	0				
Shiraz-36T	376	0.159952	0				
Shiraz-44T	631	0	-0.180312				
Shiraz-46T	942	0.069143	0				
Shiraz-18T	1433	0.250973	0				
Shiraz-22T	1544	0	-0.193579				
Shiraz-25T	1697	0.21945	0				
Shiraz-28T	1734	0.362882	0				
Shiraz-29T	1777	0.156747	0				
Shiraz-38T	1950	0.265916	0				
Shiraz-71T	2236	0.320072	0				
AASS	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		

	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	

		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ABCA13	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
ABCB1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
ABCB4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
ABCBS	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		

		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
ABCB7	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ABC88	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		

	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ABCD1	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
ABCF2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		

ABP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ACCN3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		

		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ACE2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
ACHE	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
ACN9	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ACOT9	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
ACRC	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
ACSL4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ACTL6B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ACTR3B	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ACTRT1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ADAM22	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ADAMTS12	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
ADCK2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ADCY1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	

		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
ADCYAP1R1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	630	0.903655	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	

		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
AEBP1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
AFF2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
AGAP3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
AGBL3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
AGFG2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
AGK	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
AGR2	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
AGR3	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
AGTR2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
AGXT2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
AHCYL2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		

		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		

		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
AHR	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
AIFM1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	
		Shiraz-3T	245	0.224144	0	
		Shiraz-3T	245	0.224144	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
AKAP14	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		

	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0	
AKAP9	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
AKR1B1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
AKR1B10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
AKR1B10L	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
AKR1D1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ALAS2	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ALG13	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ALKBH4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
AMACR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
AMELX	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1167	0	-0.249329	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	

		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
AMMECR1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
AMOT	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
AMPH	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	

		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
ANKIB1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
ANKMY2	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	

		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
ANKRD58	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ANKRD7	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		

	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ANLN	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
AOAH	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
AP1S1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
AP1S2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
AP4M1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		

	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
APEX2	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
APLN	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
APOO	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
APOOL	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
AQP1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
AR	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ARAF	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ARD1A	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	

		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
ARF5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
ARHGAP4	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
ARHGAP6	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		

	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
ARHGEF5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ARHGEF5L	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ARHGEF6	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARHGEF9	chrX	Shiraz-3T	241	0	-0.230501		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARL13A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARL4A	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	

		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
ARMC10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ARMCX1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARMCX2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARMCX3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ARMCX5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARMCX6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ARPC1A	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ARPC1B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	

		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ARR3	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
ARX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
ASB10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	

	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ASB11	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
ASB12	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ASB15	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		

	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ASB4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		

	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	

		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ASB9	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
ASFMR1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0	
ASNS	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ASZ1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		

	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	

	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ATG4A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ATG9B	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ATP11C	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ATP1B4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ATP2B3	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
ATP5J2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
ATP6AP1	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		

	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
ATP6AP2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	237	0.082458	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	895	0	-0.195747	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	237	0.082458	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	895	0	-0.195747	

		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	895	0	-0.195747		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ATP6V0A4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1230	0.149651	0	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ATP6V0E2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ATP6V1F	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ATP7A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ATRX	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ATXN3L	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
ATXN7L1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
AVL9	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
AVPR2	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	

	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	

		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
AWAT1	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
AWAT2	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
AZGP1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		

	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	

		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
BAIAP2L1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
BBS9	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
BCAP29	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
BCAP31	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	

		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		

	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	

		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
BCOR	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-3T	237	0.082458	0		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	

	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-3T	237	0.082458	0	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-3T	237	0.082458	0		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	895	0	-0.195747		
		Shiraz-44T	895	0	-0.195747		
		Shiraz-44T	895	0	-0.195747		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
BCORL1	chrX	Shiraz-3T	242	0	-0.336434		

	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
BEND2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
BET1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
BEX1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
BEX2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
BEX4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
BEX5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
BGN	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	

BHLHA15	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
BHLHB9	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
BLVRA	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
BMPER	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
BMX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
BPGM	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
BRAF	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
BRCC3	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
BRI3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	

BRS3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
BRWD3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	

		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
BTK	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
BUD31	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
BXDC2	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	

		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
BZW2	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	

		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
C1GALT1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-31T	314	0.171613	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-31T	314	0.171613	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-31T	314	0.171613	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		
C1GALT1C1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
C1QTNF3	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C5orf22	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		

		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
C5orf23	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
C5orf28	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	

		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C5orf33	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		

		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
C5orf34	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		

C5orf39	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C5orf42	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		

		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C5orf51	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C6	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		

		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
C7	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		

		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
C7orf10	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		

		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
C7orf11	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
C7orf16	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf23	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	

	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
C7orf25	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
C7orf28B	chr7	Shiraz-3T	84	0.693751	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-31T	314	0.171613	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	377	0.343669	0		
		Shiraz-46T	941	0.218485	0		
		Shiraz-47T	1026	0.145567	0		

		Shiraz-77T	1221	0.212057	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	84	0.693751	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-31T	314	0.171613	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	377	0.343669	0	
		Shiraz-46T	941	0.218485	0	
		Shiraz-47T	1026	0.145567	0	
		Shiraz-77T	1221	0.212057	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	84	0.693751	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-31T	314	0.171613	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	377	0.343669	0	
		Shiraz-46T	941	0.218485	0	
		Shiraz-47T	1026	0.145567	0	
		Shiraz-77T	1221	0.212057	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-71T	2236	0.320072	0	
C7orf29	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
C7orf30	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf31	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf33	chr7	Shiraz-3T	90	0.219276	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
C7orf34	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
C7orf36	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
C7orf38	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
C7orf40	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	

		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
C7orf41	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
C7orf43	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		

		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
C7orf44	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	

		Shiraz-71T	2236	0.320072	0	
C7orf45	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
C7orf46	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
C7orf47	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		

	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
C7orf49	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
C7orf51	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
C7orf52	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
C7orf53	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	

	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
C7orf54	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
C7orf55	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		

	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
C7orf57	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf58	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	

	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	

		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
C7orf59	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	

	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
C7orf60	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
C7orf63	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
C7orf64	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
C7orf65	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf66	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
C7orf67	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	630	0.903655	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	630	0.903655	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C7orf68	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
C7orf69	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
C9	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	

		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
CASB	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CA5BP	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CACNA1F	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
CACNA2D1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
CADPS2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
CALCR	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
CALD1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	

	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
CALU	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
CAMK2B	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
CAPN6	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CAPSL	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		

		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
CAPZA2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
CARD6	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
CASD1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
CASK	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
CASP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CAV1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
CAV2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	

		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
CBLL1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
CBX3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
CCDC120	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	

	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	

		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
CCDC126	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

CCDC129	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
CCDC132	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	

	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CCDC136	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CCDC146	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
CCDC152	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		

		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
CCDC22	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
CCL28	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
CCM2	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	

		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		

		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
CCT8L1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CD36	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	

	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	

	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	

	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
CD40LG	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CD99L2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
CDC14C	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
CDC2L5	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
CDCA7L	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	

		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
CDH10	chr5	Shiraz-3T	64	0	-0.245291	
		Shiraz-16T	266	0.321724	0	
		Shiraz-31T	309	0	-0.094564	
		Shiraz-44T	590	0	-0.612646	
		Shiraz-47T	1018	0	-0.144987	
		Shiraz-49T	1108	0	-0.23115	
		Shiraz-12T	1384	0	-0.217422	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1521	0	-0.698349	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
		Shiraz-58T	2145	0	-0.290669	
		Shiraz-3T	64	0	-0.245291	
		Shiraz-16T	266	0.321724	0	
		Shiraz-31T	309	0	-0.094564	
		Shiraz-44T	590	0	-0.612646	
		Shiraz-47T	1018	0	-0.144987	
		Shiraz-49T	1108	0	-0.23115	
		Shiraz-12T	1384	0	-0.217422	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1521	0	-0.698349	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
		Shiraz-58T	2145	0	-0.290669	
		Shiraz-3T	64	0	-0.245291	
		Shiraz-16T	266	0.321724	0	
		Shiraz-31T	309	0	-0.094564	
		Shiraz-44T	590	0	-0.612646	
		Shiraz-47T	1018	0	-0.144987	
		Shiraz-49T	1108	0	-0.23115	

		Shiraz-12T	1384	0	-0.217422		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1521	0	-0.698349		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-58T	2145	0	-0.290669		
CDH9	chr5	Shiraz-3T	64	0	-0.245291		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-31T	309	0	-0.094564		
		Shiraz-44T	590	0	-0.612646		
		Shiraz-47T	1018	0	-0.144987		
		Shiraz-49T	1108	0	-0.23115		
		Shiraz-12T	1384	0	-0.217422		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1521	0	-0.698349		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-58T	2145	0	-0.290669		
		Shiraz-3T	64	0	-0.245291		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-31T	309	0	-0.094564		
		Shiraz-44T	590	0	-0.612646		
		Shiraz-47T	1018	0	-0.144987		
		Shiraz-49T	1108	0	-0.23115		
		Shiraz-12T	1384	0	-0.217422		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1521	0	-0.698349		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-58T	2145	0	-0.290669		
		Shiraz-3T	64	0	-0.245291		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-31T	309	0	-0.094564		
		Shiraz-44T	590	0	-0.612646		
		Shiraz-47T	1018	0	-0.144987		

		Shiraz-49T	1108	0	-0.23115		
		Shiraz-12T	1384	0	-0.217422		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1521	0	-0.698349		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-58T	2145	0	-0.290669		
CDK5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
CDK6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CDKL5	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		

		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
CDR1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CDX4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CENPI	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CETN2	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
CFP	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	

	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
CFTR	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
CHCHD3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
CHIC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CHM	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		

	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CHN2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
CHRD1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	

	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CHRM2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-44T	643	0	-0.456761		

	Shiraz-44T	643	0	-0.456761		
	Shiraz-44T	643	0	-0.456761		
	Shiraz-44T	643	0	-0.456761		
	Shiraz-46T	943	0.093799	0		
	Shiraz-46T	943	0.093799	0		
	Shiraz-46T	943	0.093799	0		
	Shiraz-46T	943	0.093799	0		
	Shiraz-46T	943	0.093799	0		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-9T	1325	0.221899	0		
	Shiraz-9T	1325	0.221899	0		
	Shiraz-9T	1325	0.221899	0		
	Shiraz-9T	1325	0.221899	0		
	Shiraz-9T	1325	0.221899	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-22T	1553	0	-0.213234		
	Shiraz-22T	1553	0	-0.213234		
	Shiraz-22T	1553	0	-0.213234		
	Shiraz-22T	1553	0	-0.213234		
	Shiraz-22T	1553	0	-0.213234		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-32T	1833	0.551336	0		

	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	643	0	-0.456761	
	Shiraz-44T	643	0	-0.456761	
	Shiraz-44T	643	0	-0.456761	
	Shiraz-44T	643	0	-0.456761	
	Shiraz-44T	643	0	-0.456761	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
CHST7	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
CITED1	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	

		Shiraz-58T	2224	1.076575	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CLCN1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
CLCN4	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1670	1.188333	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1670	1.188333	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CLDN12	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
CLDN15	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	

		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
CLDN2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CLEC2L	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
CLECSA	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	

		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CLIC2	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CLK2P	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
CNGA2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
CNKS2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CNOT4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		

	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CNPY4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		

	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
CNTNAP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
COBL	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
COG5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
COL1A2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
COL28A1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-71T	2236	0.320072	0		
COL4A5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
COL4A6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
COPG2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
COPS6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	

	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
COX7B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	

CPA1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CPA2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CPA4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
CPA5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
CPSF4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CPVL	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	

		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
CPXCR1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
CREB3L2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CREB5	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
CRHR2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
CROT	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		

	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	

		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CRYGN	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CSAG1	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CSAG2	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CSAG3	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		

		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		

		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CSGLCA-T	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	

	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
CSTF2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
CT45A1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CT45A2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CT45A3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CT45A4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT45A5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CT45A6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CT47A1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		

	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	

	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A10	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A11	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	

	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	

		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		

	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-3T	244	0	-0.023749		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-16T	295	0.591657	0		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	899	0	-1.09697		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-44T	904	0	-0.625526		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-18T	1457	0.643204	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	

	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		

	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	

	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	

	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		

	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CT47A7	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		

	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47A9	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CT47B1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CTAG1A	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CTAG1B	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	

		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	

	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	

		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CTAG2	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CTAGE4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
CTAGE6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
CTPS2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	

	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
CTTNBP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
CUL1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
CUL4B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CUX1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	

		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		

	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CXCR3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
CXorf1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	

CXorf15	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
CXorf21	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
CXorf22	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	

	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CXorf23	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CXorf26	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf27	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
CXorf30	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
CXorf36	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	

		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
CXorf38	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	895	0	-0.195747	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	895	0	-0.195747		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
CXorf39	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
CXorf40A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
CXorf40B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
CXorf41	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf42	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
CXorf48	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf49	chrX	Shiraz-4T	261	0	-0.336249		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CXorf49B	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CXorf50	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf50B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf51	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
CXorf52	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CXorf52B	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	

	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		

		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
CXorf56	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf57	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CXorf58	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CXorf59	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
CXorf61	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0	
CXorf64	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
CXorf65	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
CXorf66	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
CYBB	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
CYCS	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
CYLC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
CYP3A4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		

	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	

		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CYP3A43	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CYP3A5	chr7	Shiraz-3T	90	0.219276	0	

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
CYP3A7	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
CYP51A1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	

	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
CYSLTR1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
DAB2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		

		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
DACH2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		

	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	

	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
DBF4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
DBNL	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
DCST1	chr1	Shiraz-3T	7	0.241427	0	
		Shiraz-3T	8	0.590785	0	
		Shiraz-31T	298	0.198318	0	
		Shiraz-36T	349	0.179162	0	
		Shiraz-36T	350	0.3174	0	
		Shiraz-44T	499	0.721251	0	
		Shiraz-44T	501	1.392519	0	
		Shiraz-46T	921	0.194724	0	
		Shiraz-47T	995	0.201435	0	
		Shiraz-49T	1090	0.254464	0	
		Shiraz-77T	1188	0.248898	0	
		Shiraz-8T	1287	0.094434	0	
		Shiraz-9T	1304	0.217335	0	
		Shiraz-9T	1305	0.581062	0	
		Shiraz-12T	1373	0.130542	0	
		Shiraz-22T	1465	0.300465	0	
		Shiraz-25T	1686	0.15002	0	
		Shiraz-28T	1724	0.274774	0	
		Shiraz-32T	1820	0.468948	0	
		Shiraz-35T	1876	0.120562	0	
		Shiraz-53T	2057	0.407227	0	

	Shiraz-58T	2121	0.321654	0	
	Shiraz-71T	2234	0.119256	0	
	Shiraz-3T	7	0.241427	0	
	Shiraz-3T	8	0.590785	0	
	Shiraz-31T	298	0.198318	0	
	Shiraz-36T	349	0.179162	0	
	Shiraz-36T	350	0.3174	0	
	Shiraz-44T	499	0.721251	0	
	Shiraz-44T	501	1.392519	0	
	Shiraz-46T	921	0.194724	0	
	Shiraz-47T	995	0.201435	0	
	Shiraz-49T	1090	0.254464	0	
	Shiraz-77T	1188	0.248898	0	
	Shiraz-8T	1287	0.094434	0	
	Shiraz-9T	1304	0.217335	0	
	Shiraz-9T	1305	0.581062	0	
	Shiraz-12T	1373	0.130542	0	
	Shiraz-22T	1465	0.300465	0	
	Shiraz-25T	1686	0.15002	0	
	Shiraz-28T	1724	0.274774	0	
	Shiraz-32T	1820	0.468948	0	
	Shiraz-35T	1876	0.120562	0	
	Shiraz-53T	2057	0.407227	0	
	Shiraz-58T	2121	0.321654	0	
	Shiraz-71T	2234	0.119256	0	
	Shiraz-3T	7	0.241427	0	
	Shiraz-3T	8	0.590785	0	
	Shiraz-31T	298	0.198318	0	
	Shiraz-36T	349	0.179162	0	
	Shiraz-36T	350	0.3174	0	
	Shiraz-44T	499	0.721251	0	
	Shiraz-44T	501	1.392519	0	
	Shiraz-46T	921	0.194724	0	
	Shiraz-47T	995	0.201435	0	
	Shiraz-49T	1090	0.254464	0	
	Shiraz-77T	1188	0.248898	0	
	Shiraz-8T	1287	0.094434	0	
	Shiraz-9T	1304	0.217335	0	
	Shiraz-9T	1305	0.581062	0	
	Shiraz-12T	1373	0.130542	0	
	Shiraz-22T	1465	0.300465	0	
	Shiraz-25T	1686	0.15002	0	
	Shiraz-28T	1724	0.274774	0	
	Shiraz-32T	1820	0.468948	0	
	Shiraz-35T	1876	0.120562	0	
	Shiraz-53T	2057	0.407227	0	
	Shiraz-58T	2121	0.321654	0	

		Shiraz-71T	2234	0.119256	0		
DCX	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
DDC	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
DDX26B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
DDX3X	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	237	0.082458	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	237	0.082458	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	237	0.082458	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
DDX53	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
DDX56	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
DENND2A	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		

DFNA5	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
DGAT2L6	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
DGKB	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		

	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	

		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
DGKI	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	643	0	-0.456761		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
DIAPH2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
DKC1	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	

		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
DKFZp564N2472	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	634	0	-0.480272		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1546	0	-0.458543		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	634	0	-0.480272		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1546	0	-0.458543		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	634	0	-0.480272		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1546	0	-0.458543		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
DKFZP586I1420	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
DLD	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
DLG3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		

	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	

	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
DLX5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
DLX6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	235	0	-0.28401		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-3T	236	0	-0.435445		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-4T	260	0	-0.324128		
	Shiraz-16T	294	0.655804	0		
	Shiraz-16T	294	0.655804	0		
	Shiraz-16T	294	0.655804	0		
	Shiraz-16T	294	0.655804	0		
	Shiraz-16T	294	0.655804	0		

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	893	0	-1.364406	

		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
DMRTC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
DMRTC1B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
DMTF1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		

	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
DNAH11	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-46T	942	0.069143	0	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-46T	942	0.069143	0	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-46T	942	0.069143	0	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
DNAJB9	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
DNAJC2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
DNAJC21	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
DNASE1L1	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	

		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		

		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
DOCK11	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
DOCK4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	

	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	

		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
DPP6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
DPY19L1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	

		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
DPY19L2P1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
DPY19L2P2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
DPY19L2P4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
DRP2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
DTX2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
DUS4L	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
DUSP21	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
DUSP9	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	

	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
DYNC111	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	

		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
DYNLT3	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
EBP	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
EDA	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
EDA2R	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
EEPD1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		

		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
EFCAB10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
EFHC2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
EFNB1	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
EGFL6	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
EGFLAM	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		

		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		

		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
EGFR	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
EIF1AX	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
EIF2S3	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
EIF3IP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	

	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ELF4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ELK1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		

	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ELMO1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		

	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	

		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-72T	2277	0	-0.398869	
EMD	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	

	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
EMID2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ENOX2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
EPDR1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
EPHA1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
EPHB4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	

		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
EPHB6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
EPO	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
ERAS	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ERCC6L	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
ESX1	chrX	Shiraz-3T	242	0	-0.336434	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ETV1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
EVX1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
EXOC4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-22T	1553	0	-0.213234	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
EZH2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
F8	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
F8A1	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
F8A2	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
F8A3	chrX	Shiraz-3T	247	0	-0.421316	
		Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
F9	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAAH2	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
FABP5L3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
FAM104B	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
FAM115A	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
FAM115C	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
FAM120C	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
FAM122B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FAM122C	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAM123B	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAM126A	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
FAM127A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FAM127B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAM127C	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FAM131B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
FAM133A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
FAM133B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
FAM155B	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
FAM156A	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		

	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
FAM156B	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
FAM180A	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
FAM183B	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	

		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
FAM185A	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
FAM3A	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	

		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
FAM3C	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
FAM40B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
FAM46D	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAM47A	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FAM47B	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FAM47C	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FAM48B1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FAM48B2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FAM50A	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
FAM58A	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	

	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
FAM70A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FAM71F1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
FAM71F2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
FAM9A	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FAM9B	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FAM9C	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FANCB	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FASTK	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
FATE1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
FBXL13	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
FBXO24	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-32T	1834	1.485392	0	

	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
FBXO4	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		

		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
FDPSL2A	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		

	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	92	0.817021	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-44T	637	1.109789	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	944	0.256008	0	
	Shiraz-47T	1028	0.17896	0	
	Shiraz-49T	1118	0.327789	0	
	Shiraz-77T	1224	0.220539	0	
	Shiraz-9T	1323	0.655912	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1548	0.237572	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2158	0.33934	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	92	0.817021	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-44T	637	1.109789	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	944	0.256008	0	
	Shiraz-47T	1028	0.17896	0	
	Shiraz-49T	1118	0.327789	0	
	Shiraz-77T	1224	0.220539	0	
	Shiraz-9T	1323	0.655912	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1548	0.237572	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
FERD3L	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
FEZF1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
FGD1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		

		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
FGF13	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
FGF16	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FGL2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
FHL1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FIGF	chrX	Shiraz-3T	235	0	-0.28401		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FIGNL1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
FIS1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	

		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
FKBP14	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
FKBP9	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
FLJ23834	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
FLJ30058	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FLJ34048	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
FLJ35390	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
FLJ36031	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
FLJ37078	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
FLJ40852	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
FLJ43663	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
FLJ44635	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		

FLJ45340	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
FLNA	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
FLNC	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
FMR1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FMR1NB	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FOXO4	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
FOXP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
FOXP3	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
FOXR2	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
FRMD7	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
FRMPD4	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
FSCN3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
FTHL17	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
FTSJ1	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		

	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	

		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
FUNDC1	chrX	Shiraz-3T	235	0	-0.28401		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
FUNDC2	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
FYB	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
FZD1	chr7	Shiraz-3T	90	0.219276	0	

	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	

		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
G6PD	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
GAB3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
GABRA3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
GABRE	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
GABRQ	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
GAGE1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE10	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		

		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE12B	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	

	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE12D	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		

		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	

	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	

		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE12F	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	

	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE12G	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	

		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	

		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
GAGE12H	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	

	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		

		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
GAGE12I	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		

	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
GAGE12J	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE13	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		

		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE2A	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	

		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
GAGE2B	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GAGE2C	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE2D	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE2E	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GAGE4	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
GAGE5	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE6	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE7	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		

		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GAGE8	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GAL3ST4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	

	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
GALNT11	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GALNTL5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GARS	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
GATA1	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GATAD1	chr7	Shiraz-3T	90	0.219276	0		

	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
GATS	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		

		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
GBX1	chr7	Shiraz-3T	90	0.219276	0		

		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GCC1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
GCK	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
GDI1	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	

		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
GDNF	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		

		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	

		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
GDPD2	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	

		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
GEMIN8	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
GGCT	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
GHR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
GHRHR	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	630	0.903655	0	
		Shiraz-44T	630	0.903655	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		

		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
GIGYF1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
GIMAP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GIMAP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
GIMAP4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GIMAP5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GIMAP6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
GIMAP7	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GIMAP8	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
GJB1	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-77T	1283	0.296555	0	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
GJC3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	

		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
GK	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
GLA	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GLCCI1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
GLI3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
GLOD5	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GLRA2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
GLRA4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
GLUD2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
GNAI1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
GNAT3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		

	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	

GNB2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
GNG11	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	

GNGT1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		

		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
GNL3L	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GOLGA2LY2	chrY	Shiraz-3T	249	0.517958	0		
		Shiraz-3T	249	0.517958	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-47T	1087	0.672496	0		
		Shiraz-47T	1087	0.672496	0		
		Shiraz-49T	1181	3.048061	0		
		Shiraz-49T	1181	3.048061	0		
		Shiraz-77T	1285	0.514579	0		
		Shiraz-77T	1285	0.514579	0		
		Shiraz-18T	1459	0	-1.126993		
		Shiraz-18T	1459	0	-1.126993		
		Shiraz-22T	1682	0	-1.907055		
		Shiraz-22T	1682	0	-1.907055		
		Shiraz-25T	1721	0	-0.608105		
		Shiraz-25T	1721	0	-0.608105		
		Shiraz-28T	1764	0	-0.999215		
		Shiraz-28T	1764	0	-0.999215		
		Shiraz-29T	1812	0	-2.03357		
		Shiraz-29T	1812	0	-2.03357		
		Shiraz-32T	1874	0	-1.095677		
		Shiraz-32T	1874	0	-1.095677		

		Shiraz-40T	2053	0	-1.704647		
		Shiraz-40T	2053	0	-1.704647		
		Shiraz-53T	2117	0	-0.791729		
		Shiraz-53T	2117	0	-0.791729		
		Shiraz-58T	2232	0	-3.375223		
		Shiraz-58T	2232	0	-3.375223		
		Shiraz-71T	2267	0	-3.63975		
		Shiraz-71T	2267	0	-3.63975		
		Shiraz-3T	249	0.517958	0		
		Shiraz-3T	249	0.517958	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-47T	1087	0.672496	0		
		Shiraz-47T	1087	0.672496	0		
		Shiraz-49T	1181	3.048061	0		
		Shiraz-49T	1181	3.048061	0		
		Shiraz-77T	1285	0.514579	0		
		Shiraz-77T	1285	0.514579	0		
		Shiraz-18T	1459	0	-1.126993		
		Shiraz-18T	1459	0	-1.126993		
		Shiraz-22T	1682	0	-1.907055		
		Shiraz-22T	1682	0	-1.907055		
		Shiraz-25T	1721	0	-0.608105		
		Shiraz-25T	1721	0	-0.608105		
		Shiraz-28T	1764	0	-0.999215		
		Shiraz-28T	1764	0	-0.999215		
		Shiraz-29T	1812	0	-2.03357		
		Shiraz-29T	1812	0	-2.03357		
		Shiraz-32T	1874	0	-1.095677		
		Shiraz-32T	1874	0	-1.095677		
		Shiraz-40T	2053	0	-1.704647		
		Shiraz-40T	2053	0	-1.704647		
		Shiraz-53T	2117	0	-0.791729		
		Shiraz-53T	2117	0	-0.791729		
		Shiraz-58T	2232	0	-3.375223		
		Shiraz-58T	2232	0	-3.375223		
		Shiraz-71T	2267	0	-3.63975		
		Shiraz-71T	2267	0	-3.63975		
		Shiraz-3T	249	0.517958	0		
		Shiraz-3T	249	0.517958	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-36T	443	3.327441	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-44T	916	3.085937	0		
		Shiraz-47T	1087	0.672496	0		

		Shiraz-47T	1087	0.672496	0	
		Shiraz-49T	1181	3.048061	0	
		Shiraz-49T	1181	3.048061	0	
		Shiraz-77T	1285	0.514579	0	
		Shiraz-77T	1285	0.514579	0	
		Shiraz-18T	1459	0	-1.126993	
		Shiraz-18T	1459	0	-1.126993	
		Shiraz-22T	1682	0	-1.907055	
		Shiraz-22T	1682	0	-1.907055	
		Shiraz-25T	1721	0	-0.608105	
		Shiraz-25T	1721	0	-0.608105	
		Shiraz-28T	1764	0	-0.999215	
		Shiraz-28T	1764	0	-0.999215	
		Shiraz-29T	1812	0	-2.03357	
		Shiraz-29T	1812	0	-2.03357	
		Shiraz-32T	1874	0	-1.095677	
		Shiraz-32T	1874	0	-1.095677	
		Shiraz-40T	2053	0	-1.704647	
		Shiraz-40T	2053	0	-1.704647	
		Shiraz-53T	2117	0	-0.791729	
		Shiraz-53T	2117	0	-0.791729	
		Shiraz-58T	2232	0	-3.375223	
		Shiraz-58T	2232	0	-3.375223	
		Shiraz-71T	2267	0	-3.63975	
		Shiraz-71T	2267	0	-3.63975	
GOLPH3	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	

		Shiraz-40T	2016	0.376634	0	
		Shiraz-53T	2070	0	-0.42189	
GPC2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
GPC3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GPC4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
GPKOW	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GPM6B	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	

		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
GPNMB	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
GPR101	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GPR112	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GPR119	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
GPR141	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	

		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
GPR143	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
GPR173	chrX	Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GPR174	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GPR22	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
GPR34	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
GPR37	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
GPR50	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
GPR64	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
GPR82	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GPR85	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	

	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
GPRASP1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GPRASP2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GRB10	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
GRIA3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
GRIPAP1	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	

	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
GRM3	chr7	Shiraz-3T	90	0.219276	0		

	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
GRM8	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	

	Shiraz-47T	1031	0	-0.117529		
	Shiraz-49T	1121	0	-0.138569		
	Shiraz-49T	1121	0	-0.138569		
	Shiraz-49T	1121	0	-0.138569		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1225	0	-0.117922		
	Shiraz-77T	1228	0	-0.238084		
	Shiraz-77T	1228	0	-0.238084		
	Shiraz-77T	1228	0	-0.238084		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-18T	1434	0.244465	0		
	Shiraz-22T	1549	0	-0.319623		
	Shiraz-22T	1549	0	-0.319623		
	Shiraz-22T	1549	0	-0.319623		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-25T	1698	0.21835	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-28T	1735	0.350744	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-29T	1778	0.120767	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-32T	1833	0.551336	0		
	Shiraz-38T	1951	0.250891	0		
	Shiraz-38T	1951	0.250891	0		
	Shiraz-38T	1951	0.250891	0		
	Shiraz-53T	2078	0.287202	0		
	Shiraz-53T	2078	0.287202	0		
	Shiraz-53T	2078	0.287202	0		
	Shiraz-58T	2161	0	-0.187744		
	Shiraz-58T	2161	0	-0.187744		
	Shiraz-58T	2161	0	-0.187744		
	Shiraz-71T	2238	0.603631	0		
	Shiraz-71T	2238	0.603631	0		
	Shiraz-71T	2238	0.603631	0		
	Shiraz-3T	90	0.219276	0		
	Shiraz-3T	90	0.219276	0		
	Shiraz-3T	90	0.219276	0		
	Shiraz-3T	95	0	-0.077623		
	Shiraz-3T	95	0	-0.077623		
	Shiraz-3T	95	0	-0.077623		
	Shiraz-4T	253	0.372918	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		

		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
GRPR	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
GSPT2	chrX	Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
GSTK1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
GTPBP10	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
GUCY2F	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
H2AFB1	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	247	0	-0.421316	
	Shiraz-3T	247	0	-0.421316	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
H2AFB2	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-44T	909	0	-1.067051		
	Shiraz-44T	909	0	-1.067051		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-22T	1673	0.611783	0		
	Shiraz-22T	1673	0.611783	0		
	Shiraz-25T	1719	0.472955	0		
	Shiraz-25T	1719	0.472955	0		
	Shiraz-28T	1762	0.562311	0		
	Shiraz-28T	1762	0.562311	0		
	Shiraz-29T	1801	0.815343	0		
	Shiraz-29T	1801	0.815343	0		
	Shiraz-35T	1933	0.488535	0		
	Shiraz-35T	1933	0.488535	0		
	Shiraz-58T	2223	0.833364	0		
	Shiraz-58T	2223	0.833364	0		
	Shiraz-71T	2263	0.975531	0		
	Shiraz-71T	2263	0.975531	0		
	Shiraz-3T	247	0	-0.421316		
	Shiraz-3T	247	0	-0.421316		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-4T	261	0	-0.336249		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-36T	433	0	-0.803961		
	Shiraz-44T	909	0	-1.067051		
	Shiraz-44T	909	0	-1.067051		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-49T	1170	0	-0.967436		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-9T	1370	0.690073	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-18T	1457	0.643204	0		
	Shiraz-22T	1673	0.611783	0		
	Shiraz-22T	1673	0.611783	0		
	Shiraz-25T	1719	0.472955	0		
	Shiraz-25T	1719	0.472955	0		
	Shiraz-28T	1762	0.562311	0		
	Shiraz-28T	1762	0.562311	0		
	Shiraz-29T	1801	0.815343	0		
	Shiraz-29T	1801	0.815343	0		
	Shiraz-35T	1933	0.488535	0		
	Shiraz-35T	1933	0.488535	0		
	Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
H2AFB3	chrX	Shiraz-3T	247	0	-0.421316	
		Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	

	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	247	0	-0.421316	
	Shiraz-3T	247	0	-0.421316	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-44T	909	0	-1.067051	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	247	0	-0.421316	

		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
H2AFV	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		

		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		

		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
H2BFWT	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
H2BFXP	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
HAUS7	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	

HBP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
HCCS	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
HCFC1	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
HDAC6	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
HDAC8	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	

	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	

		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		

	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	

		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
HDHD1A	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
HDX	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
HEATR7B2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
HECW1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

HEPACAM2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		

		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
HEPH	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
HERPUD2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HGF	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
HIBADH	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HIPK2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	

		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
HMGB3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
HMGCS1	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		

		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
HNRNPA2B1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HNRNPH2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
HOXA1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
HOXA10	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-44T	629	0.920681	0	

		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
HOXA11	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
HOXA11AS	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
HOXA13	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HOXA2	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HOXA3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-3T	88	0.832004	0		

		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
HOXA4	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
HOXA5	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HOXA6	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HOXA7	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
HOXA9	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	88	0.832004	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	629	0.920681	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		

		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	88	0.832004	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	629	0.920681	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HPRT1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
HPVC1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	634	0	-0.480272	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	634	0	-0.480272	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	634	0	-0.480272	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HS6ST2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
HSD17B10	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
HSFX1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		

	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
HSPB1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
HTATSF1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
HTR2C	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
HUS1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
HUWE1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
HYAL4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
HYALP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ICA1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		

	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	

	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-22T	1543	0	-0.513696	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-53T	2077	0.444626	0	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-58T	2157	0	-0.213872	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-44T	628	0	-0.444379	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-47T	1027	0	-0.117848	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-49T	1117	0	-0.168296	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-77T	1222	0	-0.113002	
	Shiraz-18T	1433	0.250973	0	

		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
IDH3G	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	

		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
IDS	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
IFRD1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		

	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
IGBP1	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
IGF2BP3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
IGFBP1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	

IGFBP3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
IGSF1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
IKBKG	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
IKZF1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
IL13RA1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
IL13RA2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
IL1RAPL1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
IL1RAPL2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
IL2RG	chrX	Shiraz-4T	261	0	-0.336249		

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
IL6	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
IL7R	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	

		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
IMMP2L	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
IMPDH1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
INE1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
INE2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
ING3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
INGX	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
INHBA	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	

		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
INMT	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	630	0.903655	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

IQSEC2	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
IQUB	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		

	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	

		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
IRAK1	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
IRF5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		

		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	

		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
IRS4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ITGB1BP2	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
ITGB8	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
ITIH5L	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ITM2A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
JAZF1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
JHDM1D	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
KAL1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
KBTD2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
KCND1	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
KCND2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
KCNE1L	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
KCNH2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		

		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		

	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-38T	1952	0	-0.163211	

		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
KCP	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
KDM5C	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
KDM6A	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
KEL	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	

		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
KIAA0087	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
KIAA0644	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
KIAA0895	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	

	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-72T	2277	0	-0.398869	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-72T	2277	0	-0.398869	
KIAA1147	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
KIAA1210	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
KIAA1324L	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	

	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
KIAA1549	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
KIAA1680	chr4	Shiraz-3T	59	0	-0.408206		
		Shiraz-3T	59	0	-0.408206		
		Shiraz-16T	264	0	-0.096722		
		Shiraz-16T	264	0	-0.096722		
		Shiraz-31T	307	0	-0.059856		
		Shiraz-31T	307	0	-0.059856		
		Shiraz-44T	578	0	-0.740466		
		Shiraz-44T	578	0	-0.740466		
		Shiraz-44T	582	0	-1.041462		
		Shiraz-44T	582	0	-1.041462		
		Shiraz-47T	1016	0	-0.087003		
		Shiraz-47T	1016	0	-0.087003		
		Shiraz-49T	1106	0	-0.120646		
		Shiraz-49T	1106	0	-0.120646		
		Shiraz-77T	1212	0	-0.160375		
		Shiraz-77T	1212	0	-0.160375		
		Shiraz-9T	1318	0	-0.432026		
		Shiraz-9T	1318	0	-0.432026		
		Shiraz-12T	1382	0	-0.116858		
		Shiraz-12T	1382	0	-0.116858		
		Shiraz-18T	1428	0	-0.277503		
		Shiraz-18T	1428	0	-0.277503		
		Shiraz-22T	1513	0	-0.453076		
		Shiraz-22T	1513	0	-0.453076		
		Shiraz-22T	1516	0	-0.806655		

		Shiraz-22T	1516	0	-0.806655		
		Shiraz-25T	1693	0	-0.123879		
		Shiraz-25T	1693	0	-0.123879		
		Shiraz-28T	1730	0	-0.106099		
		Shiraz-28T	1730	0	-0.106099		
		Shiraz-29T	1772	0	-0.173275		
		Shiraz-29T	1772	0	-0.173275		
		Shiraz-32T	1829	0	-0.169881		
		Shiraz-32T	1829	0	-0.169881		
		Shiraz-35T	1881	0	-0.104589		
		Shiraz-35T	1881	0	-0.104589		
		Shiraz-53T	2067	0	-0.418072		
		Shiraz-53T	2067	0	-0.418072		
		Shiraz-58T	2139	0	-0.272484		
		Shiraz-58T	2139	0	-0.272484		
		Shiraz-58T	2140	0	-0.372685		
		Shiraz-58T	2140	0	-0.372685		
		Shiraz-72T	2274	0	-0.089449		
		Shiraz-72T	2274	0	-0.089449		
		Shiraz-3T	59	0	-0.408206		
		Shiraz-3T	59	0	-0.408206		
		Shiraz-16T	264	0	-0.096722		
		Shiraz-16T	264	0	-0.096722		
		Shiraz-31T	307	0	-0.059856		
		Shiraz-31T	307	0	-0.059856		
		Shiraz-44T	578	0	-0.740466		
		Shiraz-44T	578	0	-0.740466		
		Shiraz-44T	582	0	-1.041462		
		Shiraz-44T	582	0	-1.041462		
		Shiraz-47T	1016	0	-0.087003		
		Shiraz-47T	1016	0	-0.087003		
		Shiraz-49T	1106	0	-0.120646		
		Shiraz-49T	1106	0	-0.120646		
		Shiraz-77T	1212	0	-0.160375		
		Shiraz-77T	1212	0	-0.160375		
		Shiraz-9T	1318	0	-0.432026		
		Shiraz-9T	1318	0	-0.432026		
		Shiraz-12T	1382	0	-0.116858		
		Shiraz-12T	1382	0	-0.116858		
		Shiraz-18T	1428	0	-0.277503		
		Shiraz-18T	1428	0	-0.277503		
		Shiraz-22T	1513	0	-0.453076		
		Shiraz-22T	1513	0	-0.453076		
		Shiraz-22T	1516	0	-0.806655		
		Shiraz-22T	1516	0	-0.806655		
		Shiraz-25T	1693	0	-0.123879		
		Shiraz-25T	1693	0	-0.123879		

	Shiraz-28T	1730	0	-0.106099	
	Shiraz-28T	1730	0	-0.106099	
	Shiraz-29T	1772	0	-0.173275	
	Shiraz-29T	1772	0	-0.173275	
	Shiraz-32T	1829	0	-0.169881	
	Shiraz-32T	1829	0	-0.169881	
	Shiraz-35T	1881	0	-0.104589	
	Shiraz-35T	1881	0	-0.104589	
	Shiraz-53T	2067	0	-0.418072	
	Shiraz-53T	2067	0	-0.418072	
	Shiraz-58T	2139	0	-0.272484	
	Shiraz-58T	2139	0	-0.272484	
	Shiraz-58T	2140	0	-0.372685	
	Shiraz-58T	2140	0	-0.372685	
	Shiraz-72T	2274	0	-0.089449	
	Shiraz-72T	2274	0	-0.089449	
	Shiraz-3T	59	0	-0.408206	
	Shiraz-3T	59	0	-0.408206	
	Shiraz-16T	264	0	-0.096722	
	Shiraz-16T	264	0	-0.096722	
	Shiraz-31T	307	0	-0.059856	
	Shiraz-31T	307	0	-0.059856	
	Shiraz-44T	578	0	-0.740466	
	Shiraz-44T	578	0	-0.740466	
	Shiraz-44T	582	0	-1.041462	
	Shiraz-44T	582	0	-1.041462	
	Shiraz-47T	1016	0	-0.087003	
	Shiraz-47T	1016	0	-0.087003	
	Shiraz-49T	1106	0	-0.120646	
	Shiraz-49T	1106	0	-0.120646	
	Shiraz-77T	1212	0	-0.160375	
	Shiraz-77T	1212	0	-0.160375	
	Shiraz-9T	1318	0	-0.432026	
	Shiraz-9T	1318	0	-0.432026	
	Shiraz-12T	1382	0	-0.116858	
	Shiraz-12T	1382	0	-0.116858	
	Shiraz-18T	1428	0	-0.277503	
	Shiraz-18T	1428	0	-0.277503	
	Shiraz-22T	1513	0	-0.453076	
	Shiraz-22T	1513	0	-0.453076	
	Shiraz-22T	1516	0	-0.806655	
	Shiraz-22T	1516	0	-0.806655	
	Shiraz-25T	1693	0	-0.123879	
	Shiraz-25T	1693	0	-0.123879	
	Shiraz-28T	1730	0	-0.106099	
	Shiraz-28T	1730	0	-0.106099	
	Shiraz-29T	1772	0	-0.173275	

		Shiraz-29T	1772	0	-0.173275		
		Shiraz-32T	1829	0	-0.169881		
		Shiraz-32T	1829	0	-0.169881		
		Shiraz-35T	1881	0	-0.104589		
		Shiraz-35T	1881	0	-0.104589		
		Shiraz-53T	2067	0	-0.418072		
		Shiraz-53T	2067	0	-0.418072		
		Shiraz-58T	2139	0	-0.272484		
		Shiraz-58T	2139	0	-0.272484		
		Shiraz-58T	2140	0	-0.372685		
		Shiraz-58T	2140	0	-0.372685		
		Shiraz-72T	2274	0	-0.089449		
		Shiraz-72T	2274	0	-0.089449		
KIAA2022	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
KIF4A	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
KLF14	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
KLF8	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
KLHDC10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
KLHL13	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
KLHL15	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
KLHL34	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	

	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
KLHL4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	

	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
KLHL7	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
KLRG2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
KPNA7	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
KRBA1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
KRIT1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	

		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	

	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
L1CAM	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
LAGE3	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
LAMB1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
LAMB4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
LAMP2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
LANCL2	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
LANCL3	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
LAS1L	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LCAP	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	

		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
LDOC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LEP	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LHFPL1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LHFPL3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
LIFR	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
LMBRD2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		

		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
LMOD2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
LMTK2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		

	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	

		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LOC100124692	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC100128822	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
LOC100131434	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
LOC100132707	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		

		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
LOC100132832	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
LOC100133957	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
LOC100134229	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC100134713	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC100216545	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LOC100272228	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
LOC136157	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
LOC136242	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC153684	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
LOC154761	chr7	Shiraz-3T	90	0.219276	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC158572	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
LOC158696	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
LOC285941	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
LOC285954	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	

		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		

		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-72T	2277	0	-0.398869	
LOC286016	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LOC286467	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LOC347475	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LOC349114	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		

		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
LOC392145	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC401397	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
LOC401399	chr7	Shiraz-3T	90	0.219276	0	

	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LOC401431	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC401588	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
LOC402573	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	

		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
LOC402644	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
LOC407835	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		

	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LOC441204	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
LOC441208	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	

		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
LOC441294	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC442454	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
LOC442459	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
LOC550643	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
LOC554203	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LOC643486	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
LOC646762	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
LOC646999	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	

		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
LOC723809	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
LOC728743	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LOC729609	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
LOC729920	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
LOC730130	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
LOC92249	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
LOC93432	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LONRF3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LPAR4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LRCH2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
LRCH4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	

		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
LRGUK	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
LRRC17	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
LRR4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
LRRC61	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LRRN3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
LRWD1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
LSM5	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	

	Shiraz-44T	631	0	-0.180312	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	

	Shiraz-44T	631	0	-0.180312	
	Shiraz-44T	631	0	-0.180312	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-46T	942	0.069143	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-18T	1433	0.250973	0	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-22T	1544	0	-0.193579	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-25T	1697	0.21945	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-28T	1734	0.362882	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-29T	1777	0.156747	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-38T	1950	0.265916	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-71T	2236	0.320072	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-3T	87	0.198593	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-4T	252	0.192083	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-36T	376	0.159952	0	
	Shiraz-44T	631	0	-0.180312	

		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
LSM8	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		

	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
LUC7L2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
LUZP4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
LUZP6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
MACC1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		

		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
MAGEA1	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA10	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		

	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
MAGEA11	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
MAGEA12	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA2	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA2B	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
MAGEA3	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	

		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA6	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA8	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA9	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MAGEA9B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		

		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MAGEB1	chrX	Shiraz-3T	235	0	-0.28401		

	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2222	0.679664	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-25T	1718	0	-0.452703		

		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
MAGEB10	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MAGEB16	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	

		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MAGEB18	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		

	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
MAGEB2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
MAGEB3	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MAGEB4	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-44T	894	0	-0.776734		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1718	0	-0.452703		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		

	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-28T	1761	0	-0.695601		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MAGEB6	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MAGEC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MAGEC2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MAGEC3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
MAGED1	chrX	Shiraz-3T	239	0	-0.28395	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	

		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
MAGED2	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
MAGED4	chrX	Shiraz-3T	239	0	-0.28395	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	

		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
MAGED4B	chrX	Shiraz-3T	239	0	-0.28395		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
MAGEE1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MAGEE2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MAGEH1	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
MAGI2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
MAGIX	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
MAGT1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MAMLD1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MAOA	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
MAOB	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
MAP3K15	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
MAP3K7IP3	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	

	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	

MAP7D2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		

		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
MAP7D3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MBLAC1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
MBNL3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
MBTPS2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MCART6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MCF2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
MCM7	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	

	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	

		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
MCTS1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MDFIC	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
MECP2	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MED12	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
MED14	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
MEOX2	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
MEPCE	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
MEST	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
MESTIT1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
MET	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	

	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	

		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
METTL2B	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
MGAM	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
MGC16121	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MGC16142	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	

	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
MGC26647	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		

		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
MGC42105	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		

		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
MGC72080	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
MID1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1167	0	-0.249329		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		

	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1167	0	-0.249329	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
MID1IP1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
MID2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MIOS	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-53T	2077	0.444626	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
MKLN1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
MKRN1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		

	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
MLL3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	648	0.017909	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
MLL5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
MMGT1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MOGAT3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
MORC4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MOSPD1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MOSPD2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
MOSPD3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		

		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
MOXD2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
MPP6	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
MRPL32	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
MRPS24	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	

		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
MRPS30	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	

		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
MRPS33	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
MSL3	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	

		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
MSN	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MST4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MTCP1	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
MTCP1NB	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MTERF	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
MTM1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MTMR1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
MTMR12	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		

		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
MTMR8	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
MTPN	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
MUC17	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
MUM1L1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
MXRA5	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
MYH16	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
MYL10	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
MYL7	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		

		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
MYO1G	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	

		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
NACAD	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NAMPT	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
NAP1L2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
NAP1L3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
NAP1L6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NAPEPLD	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
NCRNA00086	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NCRNA00087	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NDP	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
NDUFA1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
NDUFA4	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
NDUFA5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
NDUFB11	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	

	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
NDUFB2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	

	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
NEUROD6	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NFE2L3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	

		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
NGFRAP1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
NHS	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		

		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
NHSL2	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
NIPBL	chr5	Shiraz-4T	250	0.262252	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
NKAP	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NKRF	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NLGN3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		

		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
NLGN4X	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
NNT	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		

		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
NOBOX	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
NOD1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NONO	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
NOS3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
NOX1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NPC1L1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NPR3	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	

		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
NPSR1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
NPTX2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
NPVF	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
NPY	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NROB1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-44T	894	0	-0.776734	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1718	0	-0.452703	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1761	0	-0.695601	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	

	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-44T	894	0	-0.776734	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1718	0	-0.452703	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1761	0	-0.695601	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
NRCAM	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	

	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
NRF1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	

		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		

		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
NRK	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
NSBP1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NSDHL	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
NT5C3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
NUB1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
NUDCD3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	

		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NUDT11	chrX	Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	239	0	-0.28395	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
NUP155	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		

		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
NUP205	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
NUP62CL	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NUPL2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
NXF2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	

	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
NXF2B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

NXF3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NXF4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NXF5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NXPH1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
NXT2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
NYX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
OCM2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
OCRL	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ODZ1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
OFD1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
OGDH	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
OGT	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
OPHN1	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	

OPN1LW	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
OPN1MW	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
OPN1MW2	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
OPN1SW	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
OR13H1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
OR2A1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	98	0	-0.069276	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
OR2A12	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
OR2A14	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2A2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2A20P	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2A25	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	

OR2A42	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	

	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
OR2A5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
OR2A7	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2A9P	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2AE1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	

		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
OR2F1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	98	0	-0.069276	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	645	0	-0.474857	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1554	0	-0.502826	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR2F2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR6B1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	645	0	-0.474857		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1554	0	-0.502826		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR6V1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR6W1P	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
OR9A2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
OR9A4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ORAI2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ORC5L	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	

OSBPL3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
OSMR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	

		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
OTC	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-3T	235	0	-0.28401	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
OTUD5	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	

		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
OTUD6A	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		

		Shiraz-71T	2263	0.975531	0	
OXCT1	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
P2RY10	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
P2RY4	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
PABPC1L2A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PABPC1L2B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PABPC5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
PAGE1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PAGE2	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PAGE2B	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PAGE3	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PAGE4	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		

	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0		
PAGE5	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
PAIP1	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	

		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
PAK3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	

		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
PARP12	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		

	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
PASD1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
PAX4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
PAXIP1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
PCDH11X	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		

	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	

	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-32T	1871	0.292679	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
PCDH19	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
PCLO	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	

	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	

	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	

		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
PCOLCE	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	

		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
PCSK1N	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PCTK1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	

	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
PCYT1B	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PDAP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	

PDE1C	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PDHA1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
PDIA4	chr7	Shiraz-3T	90	0.219276	0		

	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	

PDK3	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
PDK4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	

		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
PDZD11	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
PDZD2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		

		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
PDZD4	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
PEG10	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		

	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
PER4	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
PEX1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
PFKFB1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		

		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
PFTK1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0	
PGAM2	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PGAM4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PGK1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PGRMC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PHEX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PHF14	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-22T	1543	0	-0.513696	

		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
PHF16	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
PHF6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
PHF8	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PHKA1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
PHKA2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PHTF2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	

	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
PIGA	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
PIK3CG	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
PILRA	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		

		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
PILRB	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	

	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
PIM2	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
PIN4	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	

	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
PION	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		

		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
PIP	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
PIR	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
PJA1	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
PKD1L1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PL-5283	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
PLAC1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PLCXD3	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		

		Shiraz-40T	2016	0.376634	0	
PLEKHA8	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PLOD3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
PLP1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
PLP2	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PLS3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
PLXNA3	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	

		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
PLXNA4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		

	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
PLXNB3	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	

PMPCB	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
Shiraz-25T	1698	0.21835	0			
Shiraz-28T	1735	0.350744	0			
Shiraz-29T	1778	0.120767	0			
Shiraz-32T	1833	0.551336	0			
Shiraz-38T	1951	0.250891	0			
Shiraz-53T	2078	0.287202	0			
Shiraz-71T	2238	0.603631	0			
Shiraz-3T	90	0.219276	0			
Shiraz-4T	253	0.372918	0			
Shiraz-36T	378	0.179558	0			
Shiraz-46T	943	0.093799	0			
Shiraz-77T	1225	0	-0.117922			
Shiraz-18T	1434	0.244465	0			
Shiraz-22T	1549	0	-0.319623			
Shiraz-25T	1698	0.21835	0			
Shiraz-28T	1735	0.350744	0			
Shiraz-29T	1778	0.120767	0			
Shiraz-32T	1833	0.551336	0			
Shiraz-38T	1951	0.250891	0			
Shiraz-53T	2078	0.287202	0			
Shiraz-71T	2238	0.603631	0			
PMS2L1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	

	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
PMS2L11	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
PNCK	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	

	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		

		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
PNMA3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	

		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
PNMA5	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
PNMA6A	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
PNPLA4	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		

	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-44T	892	0	-1.231333	
	Shiraz-46T	990	0	-0.370066	
	Shiraz-46T	990	0	-0.370066	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
PNPLA8	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
PODXL	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
POF1B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
POLA1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	

		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
POLD2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		

		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
POLM	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
POLR2J	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
POLR2J2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
POLR2J3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
POLR2J4	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
POMZP3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
PON1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
PON2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
PON3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
POP7	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		

	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
PORCN	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	

		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
POT1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		

	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	

		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
POU3F4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	

		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
POU6F2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
PPEF1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
PPIA	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PPP1R2P9	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
PPP1R3A	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
PPP1R3F	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
PPP1R9A	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
PQBP1	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
PRAF2	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
PRDX4	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
PRICKLE3	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
PRKAA1	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
PRKAG2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		

		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
PRKAR2B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
PRKRIP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
PRKX	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PRLR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	

		Shiraz-40T	2016	0.376634	0	
PRPS1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	903	0	-0.290259	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	903	0	-0.290259	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	903	0	-0.290259	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PRPS1L1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
PRPS2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PRR15	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PRRG1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PRRG3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
PRSS1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
PRSS2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
PSMA2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
PSMC2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
PSMD10	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
PTCD1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		

	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
PTCHD1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
PTGER4	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	

		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
PTN	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	643	0	-0.456761	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	643	0	-0.456761	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	643	0	-0.456761	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
PTPN12	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	

	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-42T	454	0.145717	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	944	0.256008	0	
	Shiraz-46T	944	0.256008	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-31T	315	0.194054	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-36T	379	0.322028	0	
	Shiraz-42T	454	0.145717	0	

		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
PTPRZ1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
PURB	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
PUS7	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
PVRIG	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	

		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
RAB19	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	

		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
RAB33A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	

	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RAB39B	chrX	Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

RAB40A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RAB40AL	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RAB41	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	901	0	-1.000082	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
RAB9A	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
RAB9B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
RABL2B	chr22	Shiraz-3T	230	0.27711	0	
		Shiraz-42T	478	0	-0.172618	
		Shiraz-44T	874	0.518545	0	
		Shiraz-44T	890	1.106721	0	
		Shiraz-22T	1668	0.270563	0	
		Shiraz-28T	1759	0.189516	0	
		Shiraz-29T	1799	0.11545	0	
		Shiraz-32T	1868	0.637352	0	
		Shiraz-53T	2113	0.237476	0	
		Shiraz-3T	230	0.27711	0	
		Shiraz-42T	478	0	-0.172618	
		Shiraz-44T	874	0.518545	0	
		Shiraz-44T	890	1.106721	0	
		Shiraz-22T	1668	0.270563	0	
		Shiraz-28T	1759	0.189516	0	
		Shiraz-29T	1799	0.11545	0	
		Shiraz-32T	1868	0.637352	0	
		Shiraz-53T	2113	0.237476	0	
		Shiraz-3T	230	0.27711	0	
		Shiraz-42T	478	0	-0.172618	
		Shiraz-44T	874	0.518545	0	
		Shiraz-44T	890	1.106721	0	
		Shiraz-22T	1668	0.270563	0	
		Shiraz-28T	1759	0.189516	0	
		Shiraz-29T	1799	0.11545	0	
		Shiraz-32T	1868	0.637352	0	
		Shiraz-53T	2113	0.237476	0	
RABL5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	

	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	

		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
RAD1	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
RAI14	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		

	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-4T	250	0.262252	0	
	Shiraz-4T	250	0.262252	0	
	Shiraz-4T	250	0.262252	0	
	Shiraz-4T	250	0.262252	0	
	Shiraz-16T	266	0.321724	0	
	Shiraz-16T	266	0.321724	0	
	Shiraz-16T	266	0.321724	0	
	Shiraz-16T	266	0.321724	0	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-18T	1429	0	-0.314125	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-25T	1694	0.201602	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-28T	1731	0.295447	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-29T	1773	0.090981	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-40T	2016	0.376634	0	
	Shiraz-40T	2016	0.376634	0	

		Shiraz-40T	2016	0.376634	0	
RAI2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
RALA	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	

RAMP3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
RANBP3L	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	

		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
RAP2C	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RAPGEF5	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
RARRES2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
RASA4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
RASA4P	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	

RBBP7	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
RBM10	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		

	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
RBM28	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
RBM3	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
RBM41	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RBMX	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RBMX2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RBMXL3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RELN	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
RENBP	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
REPIN1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
REPS2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
RGAG1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	

RGAG4	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
RGN	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
RHEB	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
RHOXF1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RHOXF2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
RHOXF2B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
RIBC1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	

RICTOR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
RINT1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
RIPPLY1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RLIM	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RNASEN	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-53T	2070	0	-0.42189		
RNF113A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
RNF128	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
RNF133	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
RNF148	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	

		Shiraz-71T	2238	0.603631	0	
RNU12	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
RP1-177G6.2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RP2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
RP9	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		

		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
RP9P	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
RPA3	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-53T	2077	0.444626	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
RPA4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
RPGR	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
RPL10	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
RPL13AP17	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2239	0.310785	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
RPL19P12	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
RPL23P8	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
RPL36A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RPL37	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
RPL39	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
RPS26P11	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
RPS2P32	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
RPS4X	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
RPS6KA3	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
RPS6KA6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
RRAGB	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
RS1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
RSBN1L	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
RUNDC3B	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
RXFP3	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
S100G	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SAGE1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SAMD9	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
SAMD9L	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
SASH3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SAT1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
SATL1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1871	0.292679	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2225	0.595784	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	243	0	-0.549129	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-31T	346	0	-0.1527	
	Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
SCARNA23	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SCARNA9L	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SCIN	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		

		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
SCML1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SCML2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SCRN1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
SEC61G	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1546	0	-0.458543		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SEMA3A	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	

		Shiraz-71T	2238	0.603631	0	
SEMA3C	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
SEMA3D	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-12T	1390	0	-0.237897		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
SEMA3E	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		

	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-12T	1390	0	-0.237897	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-12T	1390	0	-0.237897	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
SEPP1	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	

		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
13-Sep	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
6-Sep	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
7-Sep	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	

		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
SERPINA7	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SERPINE1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
SFRP4	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	

		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
SGCE	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
SH2B2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		

	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
SH2D1A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SH3BGRL	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SH3KBP1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		

	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
SHFM1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
SHROOM2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SKAP2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SKP2	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	

		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
SLC10A3	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	

	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	

		Shiraz-71T	2263	0.975531	0	
SLC12A9	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
SLC13A1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		

	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
SLC13A4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
SLC16A2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SLC1A3	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
SLC25A13	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
SLC25A14	chrX	Shiraz-3T	242	0	-0.336434		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SLC25A40	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
SLC25A43	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SLC25A5	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SLC26A3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
SLC26A4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
SLC26A5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
SLC35A2	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		

		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		

		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
SLC35B4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
SLC37A3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
SLC38A5	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SLC45A2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		

		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
SLC4A2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1555	0.427999	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-44T	647	1.496173	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
SLC6A14	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SLC6A8	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
SLC7A3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
SLC9A6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SLC9A7	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	

		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SLITRK2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		

	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
SLITRK4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SMARCA1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SMARCD3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		

	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-44T	647	1.496173	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-22T	1555	0.427999	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-38T	1952	0	-0.163211	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		

		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-38T	1952	0	-0.163211	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
SMC1A	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
SMEK3P	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SMO	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
SMPX	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
SMS	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
SMURF1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	

		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
SND1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
SNORA11	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SNORA11C	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		

	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	

		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SNORA11D	chrX	Shiraz-3T	239	0	-0.28395		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		

	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-3T	239	0	-0.28395		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SNORA11E	chrX	Shiraz-3T	239	0	-0.28395		
		Shiraz-3T	239	0	-0.28395		

	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-3T	239	0	-0.28395	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
SNORA35	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SNORA36A	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
SNORA56	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
SNORAS5A	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		

		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SNORASB	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SNORASC	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	

		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
SNORA69	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SNORA70	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		

	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
SNORA9	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SNORD61	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SNORD72	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
SNORD93	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	

		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SNORD96B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SNX10	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
SNX12	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		

	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1171	0	-0.612379	
	Shiraz-77T	1283	0.296555	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
SNX13	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
SOSTDC1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
SOX3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SP8	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-46T	942	0.069143	0	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-77T	1222	0	-0.113002	

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-46T	942	0.069143	0		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
SPACA5	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	

		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SPACA5B	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	

	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
SPAM1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-32T	1835	0.092727	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		

		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
SPANXA1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
SPANXA2	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
SPANXB1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
SPANXB2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
SPANXC	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SPANXD	chrX	Shiraz-3T	242	0	-0.336434		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SPANXE	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
SPANXF1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-44T	907	0	-1.370847	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
SPANXN1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SPANXN2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SPANXN3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SPANXN4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SPANXN5	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
SPDYE1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	

		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SPDYE2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
SPDYE3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	

	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
SPDYE6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
SPEF2	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	

		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-40T	2016	0.376634	0		
SPIN2A	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SPIN2B	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SPIN3	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
SPIN4	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
SRCRB4D	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		

		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
SRI	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	

	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	

	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-22T	1550	0	-0.577052	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	

		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
SRPK2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
SRPK3	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
SRPX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
SRPX2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

SRRT	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
SSBP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
SSPO	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
SSR4	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
SSX1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SSX2	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SSX3	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	

		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SSX4	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	

	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	

		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SSX4B	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		

	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	

		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
SSX5	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	

		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SSX6	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
SSX7	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	

		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SSX8	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
SSX9	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	

	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ST7	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		

	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ST7OT1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		

		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ST7OT2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		

	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	

		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ST7OT3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ST7OT4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		

	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	

		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
STAG2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
STAG3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		

	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
STARD3NL	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
STARD8	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-3T	241	0	-0.230501		

	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-58T	2224	1.076575	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-3T	241	0	-0.230501	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-44T	900	0	-0.584284	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-22T	1674	0.887899	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
STEAP1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
STEAP2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		

	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	
	Shiraz-58T	2159	0	-0.219521	

	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-3T	93	0	-0.058023	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-36T	380	0.083883	0	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-44T	638	0	-0.433476	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-46T	945	0	-0.014838	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-47T	1029	0	-0.096586	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-49T	1119	0	-0.157331	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-77T	1226	0	-0.233724	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		

		Shiraz-47T	1029	0	-0.096586		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
STEAP4	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		

		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
STK17A	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
STK31	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
STRA8	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1553	0	-0.213234	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
STS	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	892	0	-1.231333	
		Shiraz-46T	990	0	-0.370066	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
SUB1	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
SUNC1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
SUV39H1	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SVOPL	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		

	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
SYAP1	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
SYN1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
SYP	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	

	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
SYPL1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
SYTL4	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
SYTL5	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	

		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
TAC1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	381	0.332628	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
TAF1	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
TAF6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	

		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		

	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
TAF7L	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TAF9B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TARP	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
TARS	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
TAS2R16	chr7	Shiraz-3T	90	0.219276	0		

	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
TAS2R3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TAS2R38	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TAS2R39	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TAS2R4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	

		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TAS2R40	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TAS2R41	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TAS2R5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TAS2R60	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TAX1BP1	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
TAZ	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
TBC1D25	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	

	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	

TBC1D8B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
TBL1X	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-22T	1670	1.188333	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-71T	2261	0.508399	0	
TBRG4	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	

		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
TBX20	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
TBX22	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-47T	1085	0	-0.130811	

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-22T	1675	0.279253	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-44T	902	0	-1.449824	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-47T	1085	0	-0.130811	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-49T	1172	0	-1.123219	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1675	0.279253	0	

		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
TBXAS1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	

	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	

		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
TCEAL1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL4	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL7	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TCEAL8	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TCEANC	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
TDGF3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TECPR1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		

	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TES	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	

	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
TEX11	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	900	0	-0.584284	
		Shiraz-44T	901	0	-1.000082	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1171	0	-0.612379	
		Shiraz-77T	1283	0.296555	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1674	0.887899	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2224	1.076575	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	901	0	-1.000082		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
TEX13A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TEX13B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TEX28	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		

		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
TFDP3	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	

		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TFE3	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
TFEC	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		

	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	

		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
TFPI2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
TFR2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		

	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
TGIF2LX	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	243	0	-0.549129	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-31T	346	0	-0.1527	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	902	0	-1.449824	
		Shiraz-47T	1085	0	-0.130811	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1172	0	-1.123219	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
THAP5	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	

	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	

	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1228	0	-0.238084		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
THOC2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
THSD7A	chr7	Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	628	0	-0.444379	
		Shiraz-47T	1027	0	-0.117848	
		Shiraz-49T	1117	0	-0.168296	
		Shiraz-77T	1222	0	-0.113002	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1543	0	-0.513696	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
TIMM17B	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	897	0.486937	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
TIMM8A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
TIMP1	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
TKTL1	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		

	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	

	Shiraz-49T	1173	0	-0.704439	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
TLR7	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
TLR8	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
TMED4	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
TMEM106B	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		

		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TMEM130	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	

		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TMEM139	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TMEM140	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TMEM164	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TMEM168	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
TMEM176A	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		

		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		

		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
TMEM185A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	

	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
TMEM187	chrX	Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-38T	2011	0	-0.406024	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	246	0.531858	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	908	0.466743	0	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	

		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
TMEM195	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TMEM196	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		

		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TMEM209	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TMEM213	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TMEM27	chrX	Shiraz-3T	235	0	-0.28401	

	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
TMEM31	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TMEM35	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TMEM47	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2222	0.679664	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	236	0	-0.435445	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	893	0	-1.364406	
		Shiraz-47T	1083	0	-0.103285	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1671	0.369309	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	

		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
TMEM60	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-42T	454	0.145717	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
TMSB15A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TMSB15B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TMSB4X	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
TMUB1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-44T	647	1.496173	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2162	0.221505	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
TNMD	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TNPO3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TNS3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
TOMM7	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
TP53TG1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	93	0	-0.058023	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	380	0.083883	0	
		Shiraz-44T	638	0	-0.433476	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	945	0	-0.014838	
		Shiraz-47T	1029	0	-0.096586	
		Shiraz-49T	1119	0	-0.157331	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1226	0	-0.233724	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1550	0	-0.577052	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2159	0	-0.219521	
		Shiraz-71T	2238	0.603631	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
TPK1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	98	0	-0.069276		
		Shiraz-4T	253	0.372918	0		

	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	98	0	-0.069276	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	645	0	-0.474857	
	Shiraz-46T	943	0.093799	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1554	0	-0.502826	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TRA2A	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
TRAPPC2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	

	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		

		Shiraz-71T	2261	0.508399	0	
TREX2	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1173	0	-0.704439	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2226	1.074663	0		
		Shiraz-71T	2263	0.975531	0		
TRIM24	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TRIM4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	640	0.272608	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
TRIM56	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	

		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
TRIP6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		

	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	

		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
TRMT2B	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TRO	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		

		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
TRPCS	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TRPV5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TRPV6	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TRRAP	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		

	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
TRY6	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	

		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
TRYX3	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	

TSC22D3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-44T	903	0	-0.290259		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
TSC22D4	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
TSGA13	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		

		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TSGA14	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		

	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	96	0.428308	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	317	0.204382	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	642	0.408617	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1032	0.171484	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1229	0.051661	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
TSIX	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	

		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
TSPAN12	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1552	0	-0.50686	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
TSPAN13	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		

		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TSPAN33	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
TSPAN6	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
TSPAN7	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
TSPYL2	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
TSR2	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
TTC23L	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
TTC26	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		

		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
TTC33	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
TWIST1	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		

		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TWISTNB	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
TXNDC3	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1544	0	-0.193579	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-72T	2277	0	-0.398869	
UBA1	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
UBE2A	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		

	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-3T	244	0	-0.023749	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-44T	904	0	-0.625526	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		

UBE2D4	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
UBE2DNL	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1675	0.279253	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1871	0.292679	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2225	0.595784	0	
		Shiraz-71T	2263	0.975531	0	
UBE2H	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1032	0.171484	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1229	0.051661	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
UBE2NL	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	907	0	-1.370847	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	907	0	-1.370847		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
UBL4A	chrX	Shiraz-3T	246	0.531858	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	908	0.466743	0		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1173	0	-0.704439		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1371	1.292392	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1872	1.504553	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-38T	2011	0	-0.406024		
		Shiraz-53T	2115	0.427728	0		
		Shiraz-58T	2223	0.833364	0		

	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	246	0.531858	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-44T	908	0.466743	0	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-38T	2011	0	-0.406024	
	Shiraz-53T	2115	0.427728	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
UBN2	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
UBQLN2	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
UFSP1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	

	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
UGT3A1	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
UGT3A2	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		

		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
UPF3B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	244	0	-0.023749		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	904	0	-0.625526		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
UPK3B	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		

		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
UPLP	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
UPP1	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		

		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
UPRT	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		

		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
URG4	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		

		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-71T	2236	0.320072	0	
USP11	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	

	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
USP26	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
USP27X	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
USP51	chrX	Shiraz-3T	240	0	-0.346245	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
USP9X	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	237	0.082458	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		

	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	237	0.082458	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-46T	991	0.139564	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
UTP14A	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
UXT	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		

	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	

		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		

		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
VBP1	chrX	Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	247	0	-0.421316	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	909	0	-1.067051	
		Shiraz-49T	1170	0	-0.967436	

		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	247	0	-0.421316		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	909	0	-1.067051		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
VCX	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		

		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-46T	990	0	-0.370066		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
VCX2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		

VCX3A	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		

		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
VCX3B	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	892	0	-1.231333		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
VENTXP1	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
VGF	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
VGLL1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
VMA21	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-42T	480	0	-0.232915		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1678	0.911625	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
VPS41	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	631	0	-0.180312	

		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	631	0	-0.180312		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1544	0	-0.193579		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-72T	2277	0	-0.398869		
VSIG1	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
VSIG4	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
VSTM2A	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	634	0	-0.480272		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1546	0	-0.458543		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	634	0	-0.480272		

		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	634	0	-0.480272	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1546	0	-0.458543	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
VWC2	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	633	0	-0.565095	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1545	0	-0.473676	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	633	0	-0.565095	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-22T	1545	0	-0.473676	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	

		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
VWDE	chr7	Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-58T	2157	0	-0.213872		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	628	0	-0.444379		
		Shiraz-47T	1027	0	-0.117848		
		Shiraz-49T	1117	0	-0.168296		
		Shiraz-77T	1222	0	-0.113002		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1543	0	-0.513696		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-58T	2157	0	-0.213872	
		Shiraz-71T	2236	0.320072	0	
WAS	chrX	Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	

		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	238	0.472087	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
WASL	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	

	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	

		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
WBP5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		

		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
WDR13	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
WDR40B	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		

		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
WDR40C	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	905	0	-1.465843	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1676	0.259626	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2114	0	-0.727152	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	905	0	-1.465843		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1676	0.259626	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-53T	2114	0	-0.727152		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
WDR42B	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
WDR42C	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-3T	236	0	-0.435445		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	893	0	-1.364406		

	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	893	0	-1.364406	
	Shiraz-47T	1083	0	-0.103285	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1168	0	-1.073859	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1671	0.369309	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2222	0.679664	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-3T	236	0	-0.435445	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	

		Shiraz-44T	893	0	-1.364406		
		Shiraz-47T	1083	0	-0.103285		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1168	0	-1.073859		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1671	0.369309	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2222	0.679664	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
WDR44	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
WDR45	chrX	Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		

		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-3T	238	0.472087	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-44T	897	0.486937	0		
		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		

	Shiraz-49T	1169	0	-0.583529	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-3T	238	0.472087	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-44T	897	0.486937	0	

		Shiraz-44T	897	0.486937	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
WDR70	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		

		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
		Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		
		Shiraz-40T	2016	0.376634	0		
WDR86	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1555	0.427999	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1952	0	-0.163211		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
WDR91	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1553	0	-0.213234		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
WEE2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
WIPF3	chr7	Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-46T	942	0.069143	0	

		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
WNK3	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	

		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	898	0	-0.515218	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
WNT16	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	

	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	

		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
WNT2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1552	0	-0.50686		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	95	0	-0.077623	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	382	0.081739	0	
	Shiraz-44T	641	0	-0.477846	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	947	0	-0.010843	
	Shiraz-47T	1031	0	-0.117529	
	Shiraz-49T	1121	0	-0.138569	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1228	0	-0.238084	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1552	0	-0.50686	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1835	0.092727	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2161	0	-0.187744	
	Shiraz-71T	2238	0.603631	0	

WWC3	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		

		Shiraz-22T	1670	1.188333	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
XAGE1A	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	

	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	

		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		

		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		

		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
XAGE1B	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		

	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	

	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	

	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	

		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		

		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	

		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
XAGE1D	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		

		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		

		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		

	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	

	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	

		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-35T	1932	0.507141	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		

		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-71T	2262	0.986748	0	
XAGE2	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-18T	1456	0.608534	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-32T	1869	0.776805	0	

		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-4T	260	0	-0.324128		

		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
XAGE2B	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		

	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	

	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	

		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
XAGE3	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		

	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-16T	294	0.655804	0	

		Shiraz-31T	345	0.103301	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-71T	2262	0.986748	0		
XAGE5	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	898	0	-0.515218		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1456	0.608534	0		

	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	898	0	-0.515218	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1456	0.608534	0	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
XIAP	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	

		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
XIST	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	

		Shiraz-71T	2263	0.975531	0	
XK	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1168	0	-1.073859	
		Shiraz-9T	1368	0.199713	0	

		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
XKRX	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		

		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
XPNPEP2	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
XRCC2	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	648	0.017909	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
YIPF6	chrX	Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		

		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
YKT6	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		

		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
		Shiraz-3T	87	0.198593	0	
		Shiraz-3T	89	0.678641	0	
		Shiraz-4T	252	0.192083	0	
		Shiraz-36T	376	0.159952	0	
		Shiraz-44T	632	0.902944	0	
		Shiraz-46T	942	0.069143	0	
		Shiraz-77T	1223	0.215647	0	
		Shiraz-18T	1433	0.250973	0	
		Shiraz-25T	1697	0.21945	0	
		Shiraz-28T	1734	0.362882	0	
		Shiraz-29T	1777	0.156747	0	
		Shiraz-38T	1950	0.265916	0	
		Shiraz-71T	2236	0.320072	0	
YWHAG	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	

		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
YY2	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	

	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2261	0.508399	0	
	Shiraz-3T	235	0	-0.28401	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-77T	1281	0.136627	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	

		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
ZAN	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
ZBTB33	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZC3H12B	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	

		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	241	0	-0.230501		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ZC3HAV1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		

		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-36T	383	0.374586	0		

	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-47T	1033	0.220267	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-77T	1230	0.149651	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-3T	97	0.496001	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-31T	318	0.254373	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-36T	383	0.374586	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-44T	644	0.496536	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-47T	1033	0.220267	0	

		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ZC3HAV1L	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	97	0.496001	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	318	0.254373	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	383	0.374586	0		
		Shiraz-44T	644	0.496536	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1033	0.220267	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1230	0.149651	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		

		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	97	0.496001	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	318	0.254373	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	383	0.374586	0	
		Shiraz-44T	644	0.496536	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-47T	1033	0.220267	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1230	0.149651	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZC3HC1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	96	0.428308	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	317	0.204382	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	642	0.408617	0	

		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	96	0.428308	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	317	0.204382	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	642	0.408617	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-47T	1032	0.171484	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1229	0.051661	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ZC4H2	chrX	Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	241	0	-0.230501	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZCCHC12	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	244	0	-0.023749	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	904	0	-0.625526	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZCCHC13	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	

		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ZCCHC16	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ZCCHC18	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		

ZCCHC5	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ZCWPW1	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		

		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
ZDHHC15	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	

		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		

		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ZDHHC9	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	245	0.224144	0		
		Shiraz-3T	245	0.224144	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-44T	906	0	-0.165692		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		

	Shiraz-22T	1677	0.789711	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-3T	245	0.224144	0	
	Shiraz-3T	245	0.224144	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-44T	906	0	-0.165692	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	

		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	245	0.224144	0	
		Shiraz-3T	245	0.224144	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-44T	906	0	-0.165692	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-71T	2263	0.975531	0	
ZFP92	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
ZFR	chr5	Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
ZFX	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1281	0.136627	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
ZIC3	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZKSCAN1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ZKSCAN5	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	

		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		

		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ZMAT1	chrX	Shiraz-3T	242	0	-0.336434	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-36T	433	0	-0.803961	

		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		

		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ZMIZ2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		

		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-3T	89	0.678641	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		

		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-44T	632	0.902944	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-77T	1223	0.215647	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-71T	2236	0.320072	0		
ZMYM3	chrX	Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		

		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		

		Shiraz-71T	2263	0.975531	0		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-44T	900	0	-0.584284		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-49T	1171	0	-0.612379		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-77T	1283	0.296555	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-22T	1674	0.887899	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-58T	2224	1.076575	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-71T	2263	0.975531	0		
ZNF131	chr5	Shiraz-4T	250	0.262252	0		
		Shiraz-16T	266	0.321724	0		
		Shiraz-44T	591	0	-0.233934		
		Shiraz-18T	1429	0	-0.314125		
		Shiraz-22T	1522	0	-0.322688		
		Shiraz-25T	1694	0.201602	0		
		Shiraz-28T	1731	0.295447	0		
		Shiraz-29T	1773	0.090981	0		

		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
		Shiraz-4T	250	0.262252	0	
		Shiraz-16T	266	0.321724	0	
		Shiraz-44T	591	0	-0.233934	
		Shiraz-18T	1429	0	-0.314125	
		Shiraz-22T	1522	0	-0.322688	
		Shiraz-25T	1694	0.201602	0	
		Shiraz-28T	1731	0.295447	0	
		Shiraz-29T	1773	0.090981	0	
		Shiraz-40T	2016	0.376634	0	
ZNF157	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	

	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ZNF182	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ZNF185	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	

		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-42T	480	0	-0.232915	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
ZNF212	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	

		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNF275	chrX	Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	

	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-9T	1371	1.292392	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1678	0.911625	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-32T	1872	1.504553	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-53T	2115	0.427728	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-58T	2226	1.074663	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-42T	480	0	-0.232915	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-49T	1173	0	-0.704439	
	Shiraz-9T	1370	0.690073	0	

		Shiraz-9T	1371	1.292392	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1678	0.911625	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-32T	1872	1.504553	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-53T	2115	0.427728	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-58T	2226	1.074663	0	
		Shiraz-71T	2263	0.975531	0	
ZNF277	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1228	0	-0.238084	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1835	0.092727	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	

		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1228	0	-0.238084		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1835	0.092727	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ZNF280C	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		

		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
ZNF282	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ZNF3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		

	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	

	Shiraz-58T	2160	0.399007	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	

		Shiraz-32T	1834	1.485392	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-58T	2160	0.399007	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ZNF394	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
ZNF398	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		

		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ZNF41	chrX	Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		

	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-40T	2051	0.098506	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	

		Shiraz-44T	896	0	-0.109108		
		Shiraz-46T	991	0.139564	0		
		Shiraz-47T	1084	0.24185	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-49T	1169	0	-0.583529		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-9T	1369	0.703374	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-22T	1672	1.01678	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ZNF425	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ZNF449	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1677	0.789711	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-9T	1370	0.690073	0		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		

		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
		Shiraz-3T	242	0	-0.336434	
		Shiraz-4T	261	0	-0.336249	
		Shiraz-16T	295	0.591657	0	
		Shiraz-36T	433	0	-0.803961	
		Shiraz-44T	899	0	-1.09697	
		Shiraz-49T	1170	0	-0.967436	
		Shiraz-9T	1370	0.690073	0	
		Shiraz-18T	1457	0.643204	0	
		Shiraz-22T	1673	0.611783	0	
		Shiraz-22T	1677	0.789711	0	
		Shiraz-25T	1719	0.472955	0	
		Shiraz-28T	1762	0.562311	0	
		Shiraz-29T	1801	0.815343	0	
		Shiraz-32T	1870	0.729766	0	
		Shiraz-35T	1933	0.488535	0	
		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZNF467	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNF498	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	640	0.272608	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
ZNF630	chrX	Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	

		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ZNF645	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	

		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1281	0.136627	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2261	0.508399	0	
ZNF655	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	

		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-44T	640	0.272608	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		

		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1549	0	-0.319623		

	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		

	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	

		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ZNF673	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	

		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		

		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ZNF674	chrX	Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-3T	235	0	-0.28401	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-46T	991	0.139564	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-40T	2051	0.098506	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	

		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-31T	345	0.103301	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-36T	432	0	-0.6692		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-46T	991	0.139564	0		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-77T	1282	0.213849	0		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ZNF711	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		

		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
		Shiraz-3T	242	0	-0.336434		
		Shiraz-3T	243	0	-0.549129		
		Shiraz-4T	261	0	-0.336249		
		Shiraz-16T	295	0.591657	0		
		Shiraz-31T	346	0	-0.1527		
		Shiraz-36T	433	0	-0.803961		
		Shiraz-44T	899	0	-1.09697		
		Shiraz-44T	902	0	-1.449824		
		Shiraz-47T	1085	0	-0.130811		
		Shiraz-49T	1170	0	-0.967436		
		Shiraz-49T	1172	0	-1.123219		
		Shiraz-18T	1457	0.643204	0		
		Shiraz-22T	1673	0.611783	0		
		Shiraz-22T	1675	0.279253	0		
		Shiraz-25T	1719	0.472955	0		
		Shiraz-28T	1762	0.562311	0		
		Shiraz-29T	1801	0.815343	0		
		Shiraz-32T	1870	0.729766	0		
		Shiraz-32T	1871	0.292679	0		
		Shiraz-35T	1933	0.488535	0		
		Shiraz-58T	2223	0.833364	0		
		Shiraz-58T	2225	0.595784	0		
		Shiraz-71T	2263	0.975531	0		
ZNF746	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ZNF75D	chrX	Shiraz-3T	242	0	-0.336434		
		Shiraz-4T	261	0	-0.336249		

	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	
	Shiraz-58T	2223	0.833364	0	
	Shiraz-71T	2263	0.975531	0	
	Shiraz-3T	242	0	-0.336434	
	Shiraz-4T	261	0	-0.336249	
	Shiraz-16T	295	0.591657	0	
	Shiraz-36T	433	0	-0.803961	
	Shiraz-44T	899	0	-1.09697	
	Shiraz-49T	1170	0	-0.967436	
	Shiraz-9T	1370	0.690073	0	
	Shiraz-18T	1457	0.643204	0	
	Shiraz-22T	1673	0.611783	0	
	Shiraz-22T	1677	0.789711	0	
	Shiraz-25T	1719	0.472955	0	
	Shiraz-28T	1762	0.562311	0	
	Shiraz-29T	1801	0.815343	0	
	Shiraz-32T	1870	0.729766	0	
	Shiraz-35T	1933	0.488535	0	

		Shiraz-58T	2223	0.833364	0	
		Shiraz-71T	2263	0.975531	0	
ZNF767	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	

		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNF775	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	

		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNF777	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
ZNF783	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-44T	646	0.471276	0		

	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-58T	2162	0.221505	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-3T	99	0.454766	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-44T	646	0.471276	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-9T	1325	0.221899	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	

		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
ZNF786	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	99	0.454766	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-44T	646	0.471276	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		

		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNF789	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-28T	1735	0.350744	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	

		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
ZNF800	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2161	0	-0.187744	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	95	0	-0.077623	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	382	0.081739	0	
		Shiraz-44T	641	0	-0.477846	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	947	0	-0.010843	
		Shiraz-47T	1031	0	-0.117529	
		Shiraz-49T	1121	0	-0.138569	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	95	0	-0.077623		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	382	0.081739	0		
		Shiraz-44T	641	0	-0.477846		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	947	0	-0.010843		
		Shiraz-47T	1031	0	-0.117529		
		Shiraz-49T	1121	0	-0.138569		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2161	0	-0.187744		
		Shiraz-71T	2238	0.603631	0		
ZNF804B	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		

		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	93	0	-0.058023		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	380	0.083883	0		
		Shiraz-44T	638	0	-0.433476		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	945	0	-0.014838		
		Shiraz-47T	1029	0	-0.096586		
		Shiraz-49T	1119	0	-0.157331		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1226	0	-0.233724		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1550	0	-0.577052		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2159	0	-0.219521		
		Shiraz-71T	2238	0.603631	0		
ZNF81	chrX	Shiraz-4T	260	0	-0.324128		

	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	
	Shiraz-71T	2260	0.68394	0	
	Shiraz-71T	2262	0.986748	0	
	Shiraz-4T	260	0	-0.324128	
	Shiraz-16T	294	0.655804	0	
	Shiraz-31T	345	0.103301	0	
	Shiraz-36T	431	0	-0.78035	
	Shiraz-36T	432	0	-0.6692	
	Shiraz-44T	891	0	-0.954044	
	Shiraz-44T	896	0	-0.109108	
	Shiraz-46T	991	0.139564	0	
	Shiraz-47T	1084	0.24185	0	
	Shiraz-49T	1166	0	-0.917235	
	Shiraz-49T	1169	0	-0.583529	
	Shiraz-77T	1282	0.213849	0	
	Shiraz-9T	1368	0.199713	0	
	Shiraz-9T	1369	0.703374	0	
	Shiraz-18T	1455	0	-0.186773	
	Shiraz-22T	1669	0.695915	0	
	Shiraz-22T	1672	1.01678	0	
	Shiraz-25T	1717	0.420447	0	
	Shiraz-28T	1760	0.538181	0	
	Shiraz-29T	1800	0.672527	0	
	Shiraz-32T	1869	0.776805	0	
	Shiraz-35T	1932	0.507141	0	
	Shiraz-58T	2221	0.871948	0	

		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
		Shiraz-4T	260	0	-0.324128	
		Shiraz-16T	294	0.655804	0	
		Shiraz-31T	345	0.103301	0	
		Shiraz-36T	431	0	-0.78035	
		Shiraz-36T	432	0	-0.6692	
		Shiraz-44T	891	0	-0.954044	
		Shiraz-44T	896	0	-0.109108	
		Shiraz-46T	991	0.139564	0	
		Shiraz-47T	1084	0.24185	0	
		Shiraz-49T	1166	0	-0.917235	
		Shiraz-49T	1169	0	-0.583529	
		Shiraz-77T	1282	0.213849	0	
		Shiraz-9T	1368	0.199713	0	
		Shiraz-9T	1369	0.703374	0	
		Shiraz-18T	1455	0	-0.186773	
		Shiraz-22T	1669	0.695915	0	
		Shiraz-22T	1672	1.01678	0	
		Shiraz-25T	1717	0.420447	0	
		Shiraz-28T	1760	0.538181	0	
		Shiraz-29T	1800	0.672527	0	
		Shiraz-32T	1869	0.776805	0	
		Shiraz-35T	1932	0.507141	0	
		Shiraz-58T	2221	0.871948	0	
		Shiraz-71T	2260	0.68394	0	
		Shiraz-71T	2262	0.986748	0	
ZNF862	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	

		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	99	0.454766	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-44T	646	0.471276	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
ZNHIT1	chr7	Shiraz-3T	90	0.219276	0	
		Shiraz-3T	94	0.74735	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	316	0.219196	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	381	0.332628	0	
		Shiraz-44T	639	1.035032	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	946	0.299835	0	
		Shiraz-47T	1030	0.257728	0	
		Shiraz-49T	1120	0.281656	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-77T	1227	0.196445	0	
		Shiraz-9T	1324	0.679266	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1549	0	-0.319623	
		Shiraz-22T	1551	0.324011	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	

	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	

		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ZNRF2	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
ZP3	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		

		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	
		Shiraz-3T	92	0.817021	0	

		Shiraz-4T	253	0.372918	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-31T	315	0.194054	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-36T	379	0.322028	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-42T	454	0.145717	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-44T	637	1.109789	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-46T	944	0.256008	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-47T	1028	0.17896	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-49T	1118	0.327789	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-77T	1224	0.220539	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-9T	1323	0.655912	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-22T	1548	0.237572	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-58T	2158	0.33934	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-71T	2239	0.310785	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-3T	92	0.817021	0	

		Shiraz-3T	92	0.817021	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-31T	315	0.194054	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-36T	379	0.322028	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-42T	454	0.145717	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-44T	637	1.109789	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-46T	944	0.256008	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-47T	1028	0.17896	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-49T	1118	0.327789	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-77T	1224	0.220539	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-9T	1323	0.655912	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-22T	1548	0.237572	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-58T	2158	0.33934	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-71T	2239	0.310785	0		
		Shiraz-71T	2239	0.310785	0		
ZPBP	chr7	Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		

		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
		Shiraz-3T	87	0.198593	0		
		Shiraz-4T	252	0.192083	0		
		Shiraz-36T	376	0.159952	0		
		Shiraz-44T	633	0	-0.565095		
		Shiraz-46T	942	0.069143	0		
		Shiraz-18T	1433	0.250973	0		
		Shiraz-22T	1545	0	-0.473676		
		Shiraz-25T	1697	0.21945	0		
		Shiraz-28T	1734	0.362882	0		
		Shiraz-29T	1777	0.156747	0		
		Shiraz-38T	1950	0.265916	0		
		Shiraz-71T	2236	0.320072	0		
ZRSR2	chrX	Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		

		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
		Shiraz-3T	235	0	-0.28401		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-9T	1368	0.199713	0		
		Shiraz-18T	1455	0	-0.186773		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-40T	2051	0.098506	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2261	0.508399	0		
ZSCAN21	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		

	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	
	Shiraz-3T	94	0.74735	0	
	Shiraz-4T	253	0.372918	0	
	Shiraz-31T	316	0.219196	0	
	Shiraz-36T	378	0.179558	0	
	Shiraz-36T	381	0.332628	0	
	Shiraz-44T	639	1.035032	0	
	Shiraz-46T	943	0.093799	0	
	Shiraz-46T	946	0.299835	0	
	Shiraz-47T	1030	0.257728	0	
	Shiraz-49T	1120	0.281656	0	
	Shiraz-77T	1225	0	-0.117922	
	Shiraz-77T	1227	0.196445	0	
	Shiraz-9T	1324	0.679266	0	
	Shiraz-18T	1434	0.244465	0	
	Shiraz-22T	1549	0	-0.319623	
	Shiraz-22T	1551	0.324011	0	
	Shiraz-25T	1698	0.21835	0	
	Shiraz-28T	1735	0.350744	0	
	Shiraz-29T	1778	0.120767	0	
	Shiraz-32T	1833	0.551336	0	
	Shiraz-32T	1834	1.485392	0	
	Shiraz-38T	1951	0.250891	0	
	Shiraz-53T	2078	0.287202	0	
	Shiraz-58T	2160	0.399007	0	
	Shiraz-71T	2238	0.603631	0	
	Shiraz-3T	90	0.219276	0	

		Shiraz-3T	94	0.74735	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-31T	316	0.219196	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-36T	381	0.332628	0		
		Shiraz-44T	639	1.035032	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-46T	946	0.299835	0		
		Shiraz-47T	1030	0.257728	0		
		Shiraz-49T	1120	0.281656	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-77T	1227	0.196445	0		
		Shiraz-9T	1324	0.679266	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-22T	1549	0	-0.319623		
		Shiraz-22T	1551	0.324011	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-32T	1834	1.485392	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2160	0.399007	0		
		Shiraz-71T	2238	0.603631	0		
ZXDA	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		

		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ZXDB	chrX	Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		

		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
		Shiraz-3T	240	0	-0.346245		
		Shiraz-4T	260	0	-0.324128		
		Shiraz-16T	294	0.655804	0		
		Shiraz-36T	431	0	-0.78035		
		Shiraz-44T	891	0	-0.954044		
		Shiraz-49T	1166	0	-0.917235		
		Shiraz-18T	1456	0.608534	0		
		Shiraz-22T	1669	0.695915	0		
		Shiraz-25T	1717	0.420447	0		
		Shiraz-28T	1760	0.538181	0		
		Shiraz-29T	1800	0.672527	0		
		Shiraz-32T	1869	0.776805	0		
		Shiraz-35T	1932	0.507141	0		
		Shiraz-58T	2221	0.871948	0		
		Shiraz-71T	2260	0.68394	0		
		Shiraz-71T	2262	0.986748	0		
ZYX	chr7	Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		
		Shiraz-9T	1325	0.221899	0		
		Shiraz-18T	1434	0.244465	0		
		Shiraz-25T	1698	0.21835	0		
		Shiraz-28T	1735	0.350744	0		
		Shiraz-29T	1778	0.120767	0		
		Shiraz-32T	1833	0.551336	0		
		Shiraz-38T	1951	0.250891	0		
		Shiraz-53T	2078	0.287202	0		
		Shiraz-58T	2162	0.221505	0		
		Shiraz-71T	2238	0.603631	0		
		Shiraz-3T	90	0.219276	0		
		Shiraz-4T	253	0.372918	0		
		Shiraz-36T	378	0.179558	0		
		Shiraz-46T	943	0.093799	0		
		Shiraz-77T	1225	0	-0.117922		

		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	
		Shiraz-3T	90	0.219276	0	
		Shiraz-4T	253	0.372918	0	
		Shiraz-36T	378	0.179558	0	
		Shiraz-46T	943	0.093799	0	
		Shiraz-77T	1225	0	-0.117922	
		Shiraz-9T	1325	0.221899	0	
		Shiraz-18T	1434	0.244465	0	
		Shiraz-25T	1698	0.21835	0	
		Shiraz-28T	1735	0.350744	0	
		Shiraz-29T	1778	0.120767	0	
		Shiraz-32T	1833	0.551336	0	
		Shiraz-38T	1951	0.250891	0	
		Shiraz-53T	2078	0.287202	0	
		Shiraz-58T	2162	0.221505	0	
		Shiraz-71T	2238	0.603631	0	