

**Table S3. Regulatory elements mapping in 22q12 region**

<b>Category</b>	<b>ID</b>	<b>Genomic coordinates</b>	<b>PT 246 deletion</b>	<b>PT 366 deletion</b>	<b>PT 160 deletion</b>
Enhancer	hs1645	chr22:28,746,697-28,748,395	out	out	out
Enhancer	hs2240	chr22:32,019,365-32,023,822	out	out	out
Insulator	EMBL_M1	chr22:30,682,932-30,682,945	out	out	in
Insulator	EMBL_M1	chr22:30,783,441-30,783,454	out	out	in
Insulator	EMBL_M2	chr22:28,359,682-28,359,690	out	out	out
Insulator	EMBL_M2	chr22:28,469,178-28,469,186	out	out	out
Insulator	EMBL_M2	chr22:28,543,844-28,543,852	out	out	out
Insulator	EMBL_M2	chr22:28,698,163-28,698,171	out	out	out
Insulator	EMBL_M2	chr22:28,758,324-28,758,332	out	out	out
Insulator	EMBL_M2	chr22:28,760,291-28,760,299	out	out	out
Insulator	EMBL_M2	chr22:28,847,448-28,847,456	out	out	out
Insulator	EMBL_M2	chr22:28,864,987-28,864,995	out	out	out
Insulator	EMBL_M2	chr22:29,041,938-29,041,946	out	out	out
Insulator	EMBL_M2	chr22:29,090,446-29,090,454	out	out	out
Insulator	EMBL_M2	chr22:29,210,918-29,210,926	out	out	out
Insulator	EMBL_M2	chr22:29,298,811-29,298,819	out	out	in
Insulator	EMBL_M2	chr22:29,788,637-29,788,645	out	in	in
Insulator	EMBL_M2	chr22:30,083,878-30,083,886	out	in	in
Insulator	EMBL_M2	chr22:30,093,309-30,093,317	out	in	in
Insulator	EMBL_M2	chr22:30,206,272-30,206,280	out	out	in
Insulator	EMBL_M2	chr22:30,334,088-30,334,096	out	out	in
Insulator	EMBL_M2	chr22:30,697,806-30,697,814	out	out	in
Insulator	EMBL_M2	chr22:30,766,430-30,766,438	out	out	in
Insulator	EMBL_M2	chr22:30,833,966-30,833,974	out	out	in
Insulator	EMBL_M2	chr22:30,928,154-30,928,162	out	out	in
Insulator	EMBL_M2	chr22:30,986,847-30,986,855	out	out	in
Insulator	EMBL_M2	chr22:31,041,156-31,041,164	out	out	in
Insulator	EMBL_M2	chr22:31,047,945-31,047,953	out	out	in
Insulator	EMBL_M2	chr22:31,336,929-31,336,937	out	out	out
Insulator	EMBL_M2	chr22:31,401,652-31,401,660	out	out	out
Insulator	EMBL_M2	chr22:31,483,953-31,483,961	out	out	out
Insulator	EMBL_M2	chr22:31,548,528-31,548,536	out	out	out
Insulator	EMBL_M2	chr22:31,663,502-31,663,510	out	out	out
Insulator	REN_20	chr22:30,783,438-30,783,457	out	out	in
Insulator	MIT_LM2	chr22:30,881,492-30,881,510	out	out	in
Insulator	MIT_LM7	chr22:29,808,882-29,808,901	out	in	in
Insulator	MIT_LM23	chr22:31,478,757-31,478,776	out	out	out