

Table 6. ENCODE Gene Interaction Partners and Disease

ENCODE gene	MIM disease	MIM identifier	Method	Entrez gene identifier
AC004039.3	ASTHMA, SUSCEPTIBILITY TO	600807	prediction	3593
AP000300.6	ATYPICAL MYCOBACTERIOSIS, FAMILIAL	209950	both	3459
LA16c-314G4.3	HEPATOCELLULAR CARCINOMA	114550	both	1499
RP11-126K1.5	BARE LYMPHOCYTE SYNDROME, TYPE II	209920	experiment	4261
RP11-126K1.5	BARE LYMPHOCYTE SYNDROME, TYPE II	209920	experiment	5994
RP11-126K1.5	BARE LYMPHOCYTE SYNDROME, TYPE II	209920	experiment	8625
RP3-477O4.6	BRACHYDACTYLY, TYPE A2; BDA2	112600	both	658

All ENCODE genes and interaction partners associated with the same OMIM diseases.