

Table 1. Summary of the results of the mammalian two-hybrid assays analysing the interaction of Eya1 mutations with the cofactors. ++, strong interaction; +, weak interaction; -, undetectable interaction

Human EYA1	wild type	E330K	R514G	G393S	R275X	S454P	L472R
Mutations					(truncation)		
Phenotype		ocular	ocular	ocular BOR	BOR	BOR	BOR
Corresponding mouse Eya1 mutations	wild type	E362K	R546G	G425S	R307X	S486P	L504R
Six1	++	++	++	++	-	++	-
Six2	++	++	++	++	-	++	+
Six4	++	++	++	++	-	++	+
Six5	++	++	++	++	-	+	-
Dach1	++	++	++	++	-	-	-
Gαz Q205L	++	++	++	++	-	-	-
Gαi2 Q205L	++	++	++	++	-	-	-











