

**Supplementary Table 1. Genetic alterations associated with meningioma histologic subtypes.**

Subtype	Associated Genetic Alteration	Inheritance Pattern
Meningothelial	AKT (E17K)	Sporadic
Fibroblastic, Transitional	NF2	Sporadic, Familial
Secretory	KLF4 (K409Q), TRAF7	Sporadic
Angiomatous	Polysomy 5	Sporadic
Clear cell	SMARCE1	Familial