

**Functional characterization:**

1. Clone the gene fusion into Gateway compatible vectors
2. Generate heterologous cell models- NIH 3T3 and mouse astrocytes, if CNS-derived fusion
3. Do oncogenicity assay- soft agar and *in vivo* mouse flank/intra-cranial injections
4. Plan further experiments based on functional domains and previously published literature on the proteins.
5. Test new agents/targeting techniques- fusion junction as novel antigen