

Supplementary table S2. The composition of Complete NeuroCult Medium

Complete NeuroCult Medium-500 mL

| Component | volume |
|--|-------------|
| NeuroCult NS-A Basal Medium (StemCell CAT# 05750) | 480 mL |
| B27 (Gibco 12587-010) | 10 mL |
| N2 supplement (Gibco 17502-048) | 5 mL |
| 100x Glutamax (Gibco/Life Technologies 35050-038) | 5 mL |
| Primocin (penicillin/streptomycin) | 1 mL |
| EGF (1 mg/mL stock, final 20 ng/ml; Peprotech AF-100-15) | 10 μ L |
| bFGF (1 mg/mL stock, final 20 ng/ml; Peprotech 100-18B) | 10 μ L |
| heparin (5000 IE/ml from Pharmacy VUMC) | 500 μ L |