

Supplementary Table 1.

	Target	Species	Dilution	Supplier	Product Code
Primary Antibodies	BIII Tubulin	rb anti-hu	1:1000	Sigma	T2200
Secondary Antibodies	488-IB4	N/A	1:100	Fisher	I21411
	594	dk anti-rb	1:500	Jackson ImmunoResearch	711-586-152
	DAPI	N/A	1:1000	Invitrogen	D1306
Other	24 well, Tissue Culture Treated Plate			CellVis	P24-1.5H-N
	24 well, Tissue Culture Treated Plate			Falcon	353047
	15mm Glass Coverslips			Fisher	1254583
	Poly-D-lysine			Sigma	P6407
	Normal Donkey Serum			Sigma	566460
	Retigabine (RTG)			Tocris	6233
Equipment	Axopatch 200B amplifier			Molecular Devices	
	Digidata 1440 digitizer			Molecular Devices	
	Clampex10			Molecular Devices	
	Clampfit 10.7			Molecular Devices	
	ImageJ			NIH	