

| | Control | | | RhoA 1 | | | RhoA 2 | | | RhoA 3 | | |
|--------------------------|---------|----|---|----------|----|-------|----------|----|--------|----------|----|--------|
| | μ | % | P | μ | % | P | μ | % | P | μ | % | P |
| DistToSomaExtremeNeurite | 22.61 | 33 | 1 | 28.61 | 38 | 1e-59 | 29.34 | 42 | 2e-90 | 30.99 | 43 | 5e-115 |
| EccentricityNeurite | 0.82 | 55 | 1 | 0.84 | 62 | 1e-39 | 0.84 | 64 | 4e-74 | 0.83 | 61 | 1e-26 |
| DeltaEccentricityNeurite | 5.7e-2 | 33 | 1 | 5.3e-2 | 31 | 2e-7 | 5.2e-2 | 30 | 3e-10 | 5.4e-2 | 31 | 6e-4 |
| MaxBranchCountNeurite | 14.55 | 32 | 1 | 14.72 | 30 | 0.8 | 16.82 | 33 | 6e-4 | 19.44 | 34 | 1e-6 |
| MeanNumberOfNeurites | 3.35 | 51 | 1 | 3.104 | 38 | 0.02 | 3.36 | 43 | 0.5 | 3.275 | 41 | 0.3 |
| Filopodia/Neurite | 6.7 | 30 | 1 | 6.5 | 27 | 0.3 | 7.3 | 29 | 5e-5 | 7.98 | 32 | 4e-11 |
| SpeedNuclei | 0.31 | 42 | 1 | 0.26 | 31 | 2e-9 | 0.23 | 24 | 2e-64 | 0.25 | 27 | 2e-134 |
| | Control | | | Map2K7 1 | | | Map2K7 2 | | | Map2K7 3 | | |
| | μ | % | P | μ | % | P | μ | % | P | μ | % | P |
| DistToSomaExtremeNeurite | 22.61 | 33 | 1 | 19.48 | 27 | 2e-42 | 20.71 | 32 | 6e-14 | 22.62 | 35 | 1 |
| EccentricityNeurite | 0.82 | 55 | 1 | 0.81 | 53 | 0.02 | 0.82 | 58 | 2e-6 | 0.81 | 55 | 0.1 |
| DeltaEccentricityNeurite | 5.7e-2 | 33 | 1 | 5.7e-2 | 33 | 0.9 | 5.7e-2 | 34 | 0.5 | 5.9e-2 | 35 | 0.01 |
| MeanNumberOfNeurites | 3.35 | 51 | 1 | 3.9 | 63 | 0.001 | 3.58 | 53 | 0.2 | 3.82 | 64 | 2e-4 |
| MaxBranchCountNeurite | 14.55 | 32 | 1 | 13.49 | 30 | 0.1 | 13.92 | 32 | 0.3 | 18.04 | 39 | 3e-5 |
| Filopodia/Neurite | 6.7 | 30 | 1 | 6.43 | 29 | 0.05 | 6.5 | 30 | 0.3 | 7.78 | 35 | 2e11 |
| SpeedNuclei | 0.31 | 42 | 1 | 0.36 | 46 | 1e-64 | 0.371 | 52 | 9e-102 | 0.35 | 50 | 6-e64 |
| | Control | | | SrGAP2 1 | | | SrGAP2 2 | | | SrGAP2 3 | | |
| | μ | % | P | μ | % | P | μ | % | P | μ | % | P |
| DistToSomaExtremeNeurite | 22.61 | 33 | 1 | 22.98 | 35 | 0.2 | 23.72 | 37 | 9e-5 | 28.93 | 42 | 3e98 |
| EccentricityNeurite | 0.82 | 55 | 1 | 0.81 | 54 | 2e-3 | 0.82 | 58 | 2e-4 | 0.82 | 56 | 4e-3 |
| DeltaEccentricityNeurite | 5.7e-2 | 33 | 1 | 5.8e-2 | 34 | 0.2 | 5.8e-2 | 34 | 0.4 | 5.6e-2 | 33 | 0.04 |
| MeanNumberOfNeurites | 3.35 | 51 | 1 | 4.05 | 67 | 3e-6 | 4.01 | 65 | 1e-5 | 3.88 | 61 | 4e-5 |
| MaxBranchCountNeurite | 14.55 | 32 | 1 | 17.98 | 39 | 1e-5 | 17.53 | 37 | 1e-4 | 21.39 | 40 | 8e-14 |
| Filopodia/Neurite | 6.7 | 30 | 1 | 7.82 | 37 | 3e-14 | 7.5 | 32 | 4e-18 | 8.8 | 37 | 2e-31 |
| SpeedNuclei | 0.31 | 42 | 1 | 0.31 | 43 | 7e-4 | 0.33 | 52 | 2e-99 | 0.37 | 44 | 4e-15 |