

| Case | Neuropath Dx | Age | RIN | Braak Staging | CERAD Criteria |
|------|--------------|-----|-----|---------------|----------------|
| 138 | AD | 78 | 4.0 | | |
| 156 | AD | 77 | 4.0 | | |
| 178 | AD | 77 | 6.9 | | |
| 190 | AD | 78 | 4.0 | | |
| 196 | AD | 66 | 5.0 | | AD |
| 208 | AD | 92 | 5.1 | | AD |
| 212 | AD | 90 | 4.3 | | |
| 215 | AD | 73 | 4.4 | V/VI | AD |
| 223 | AD | 69 | 4.4 | | AD |
| 248 | AD | 81 | 4.8 | V/VI | AD |

| | | |
|---------------------------|------|------|
| mean | 78.1 | 4.7 |
| std dev | 8.2 | 0.9 |
| ADvsCTL RNAseq p (t-test) | 0.18 | 0.97 |

RNAseq CTLs

| | | | | | |
|---------|-----|------|-----|-----|-----|
| 137 | CTL | 63 | 5 | N/A | N/A |
| 144 | CTL | 83 | 4.9 | N/A | N/A |
| 147 | CTL | 53 | 4.9 | N/A | N/A |
| 151 | CTL | 88 | 4.7 | N/A | N/A |
| 161 | CTL | 87 | 4.6 | N/A | N/A |
| 164 | CTL | 70 | 4 | N/A | N/A |
| 191 | CTL | 71 | 4 | N/A | N/A |
| 150 | CTL | 53 | 5.3 | N/A | N/A |
| 216 | CTL | 71 | | N/A | N/A |
| mean | | 71 | 4.7 | | |
| std dev | | 12.5 | 0.5 | | |

Mito Prep and immunoblot CTLs

| | | | | | |
|-----|-----|----|--|-----|-----|
| 137 | CTL | 63 | | N/A | N/A |
| 144 | CTL | 83 | | N/A | N/A |
| 142 | CTL | 62 | | N/A | N/A |
| 159 | CTL | 45 | | N/A | N/A |
| 213 | CTL | 61 | | N/A | N/A |
| 164 | CTL | 70 | | N/A | N/A |
| 191 | CTL | 71 | | N/A | N/A |

| | | | | |
|--------------------------------------|-----|-----------|-----|-----|
| 150 | CTL | 53 | N/A | N/A |
| 216 | CTL | 71 | N/A | N/A |
| 228 | CTL | 64 | N/A | N/A |
| mean | | 64 | | |
| std dev | | 10 | | |
| ADvsCTL Immunoblot p (t-test) | | 0.008 | | |