**S1 Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Treatment**  | **Histochemistry**  | **Cell Area**  | **Average # melanosomes/100 µm2**  |
|
| Vehicle | No DOPA  | Cell Body  | 129 |
| Vehicle | DOPA  | Cell Body  | 139 |
| 1000 nM YM-201636 | No DOPA  | Cell Body  | 171.3 |
| 1000 nM YM-201636 | DOPA  | Cell Body  | 179.4 |
| Vehicle | NO DOPA  | Dendrite  | 142.5 |
| Vehicle | DOPA  | Dendrite  | 138.5 |
| 1000 nM YM-201636 | No DOPA  | Dendrite  | 139.5 |
| 1000 nM YM-201636 | DOPA  | Dendrite  | 140.6 |