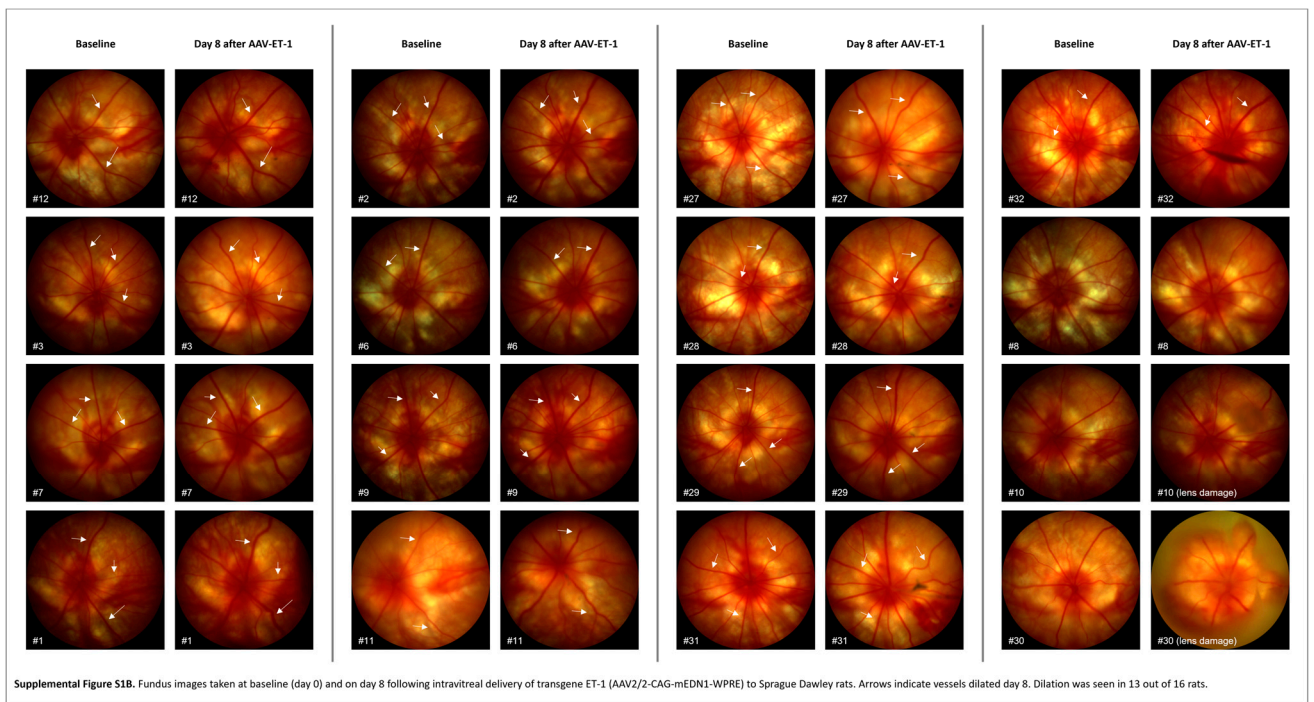
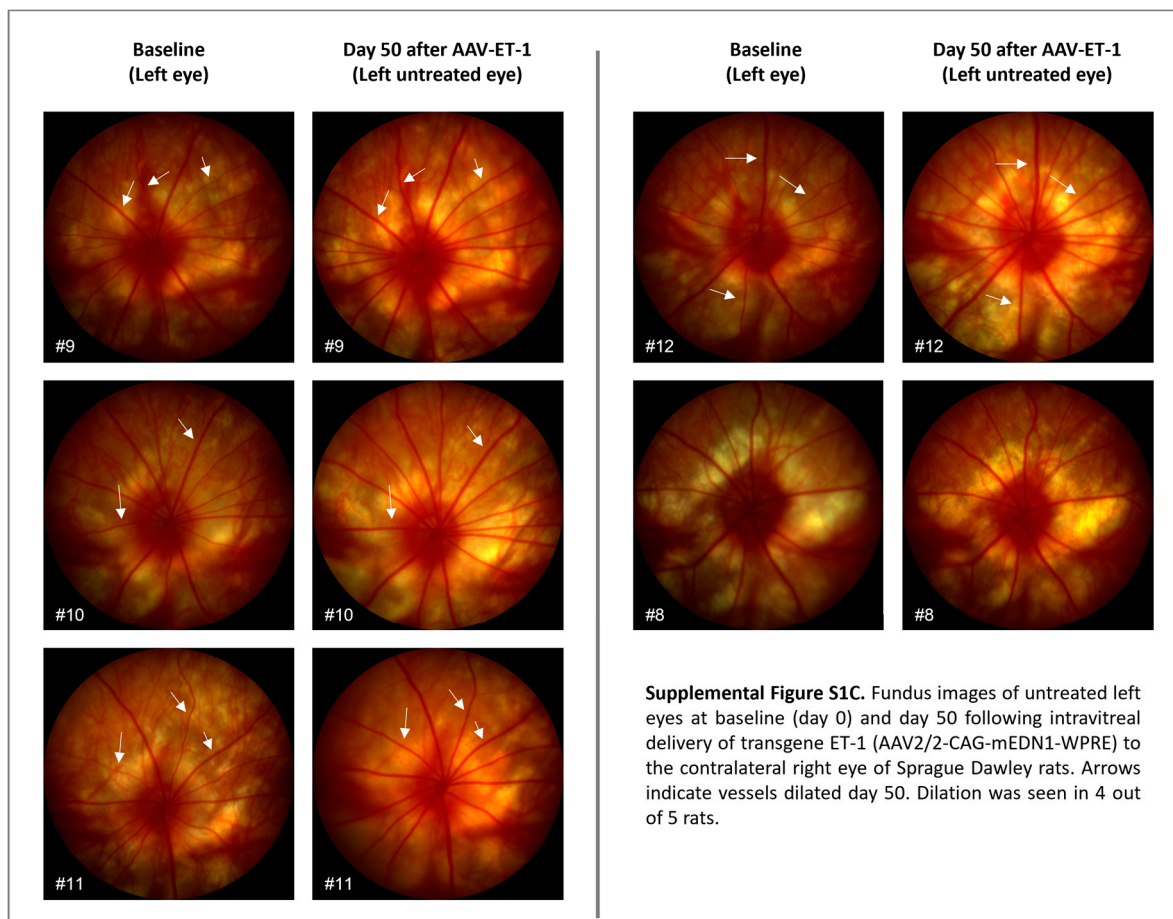


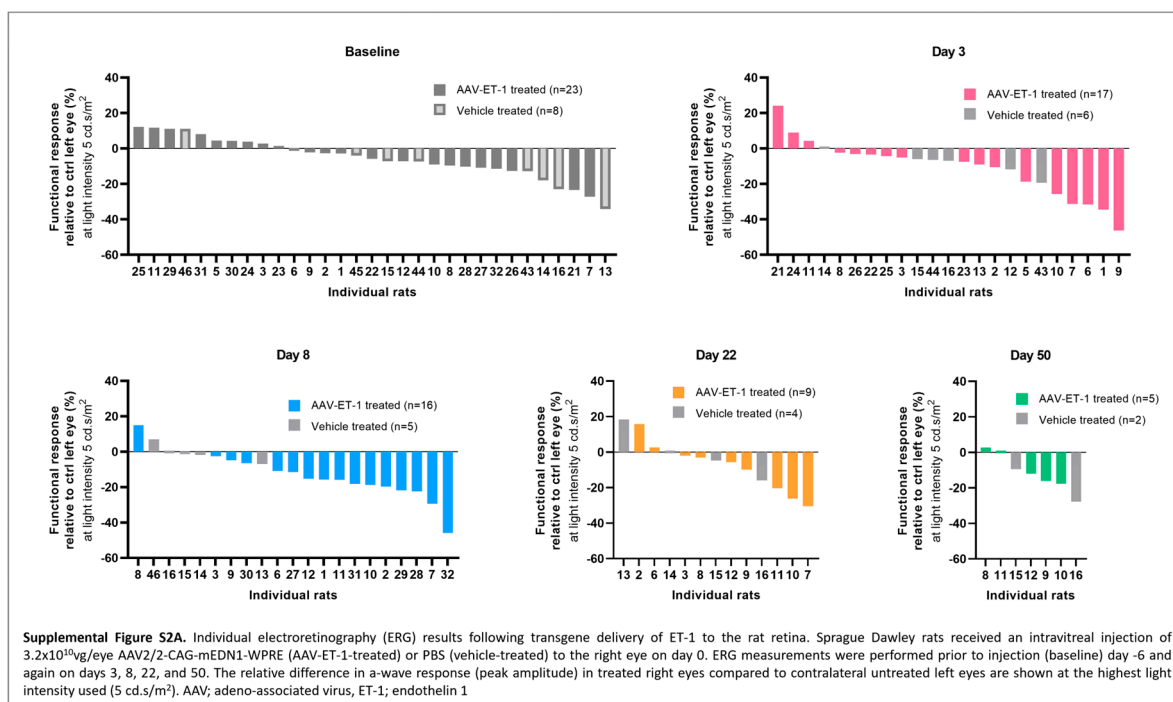
**Figure S1A.** Fundus images taken prior to and on day 3 after intravitreal delivery of transgene ET-1.



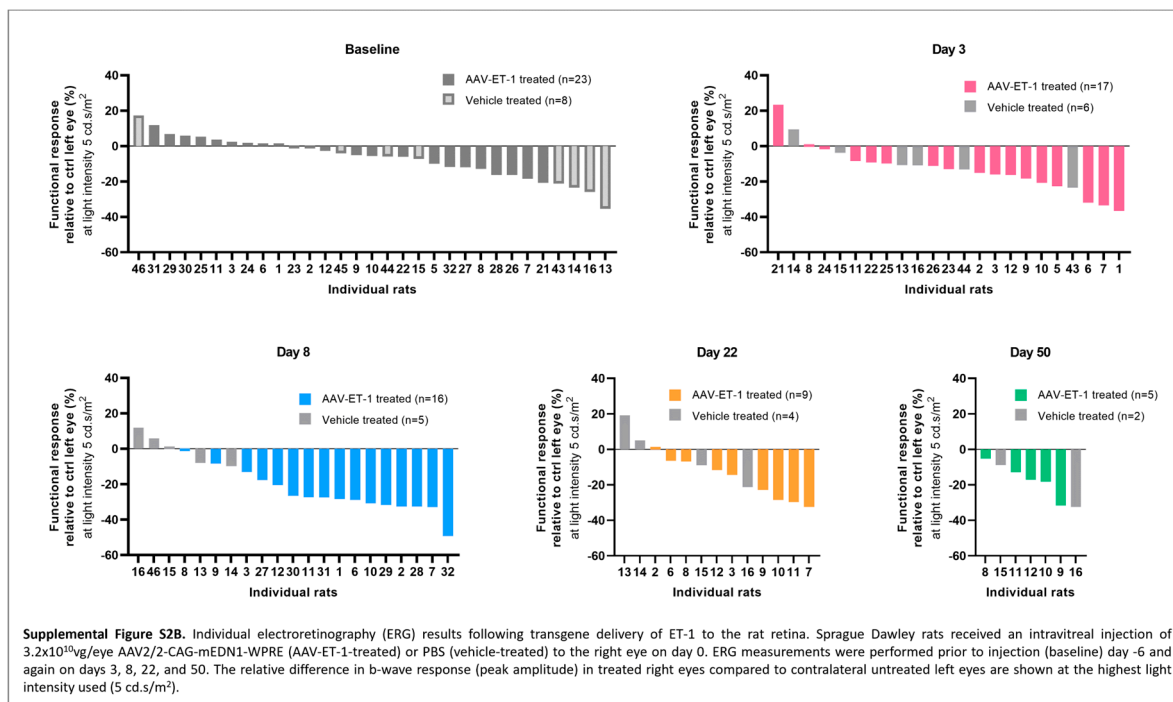
**Figure S1B.** Fundus images taken prior to and on day 8 after intravitreal delivery of transgene ET-1.



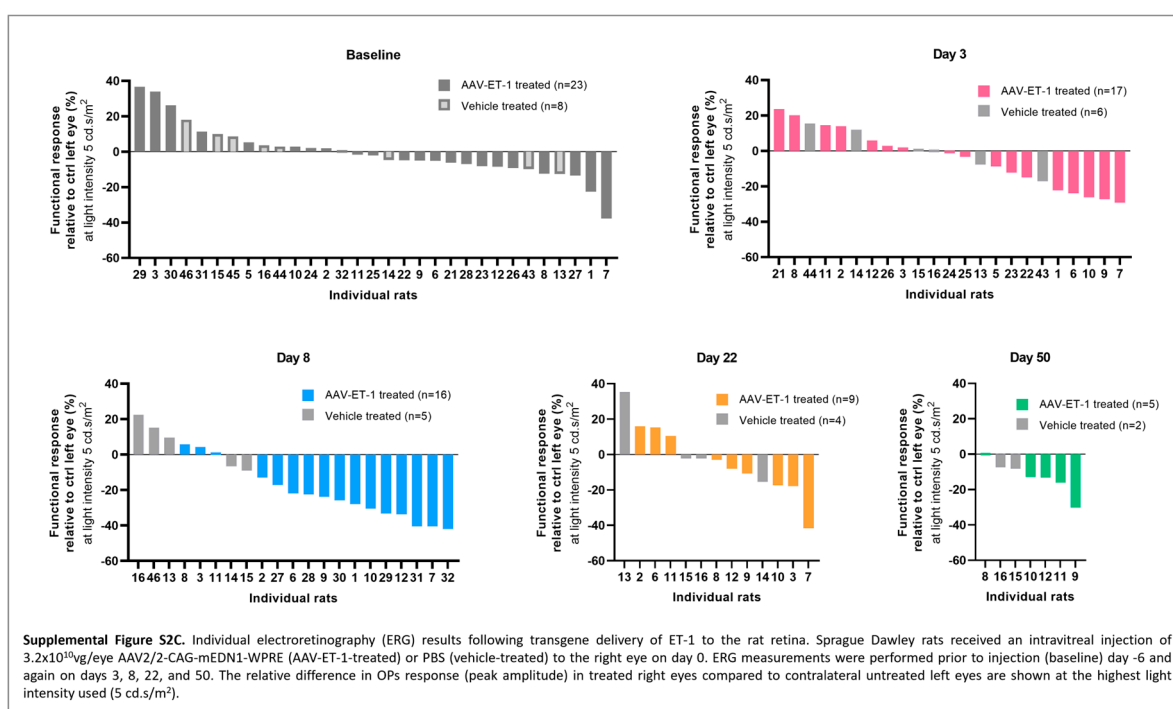
**Figure S1C.** Fundus images taken prior to and on day 50 after intravitreal delivery of transgene ET-1 to the contralateral eye.



**Figure S2A.** Individual ERG results for a-wave peak amplitudes in transgene and vehicle-treated eyes relative to their contralateral untreated eyes.



**Figure S2B.** Individual ERG results for b-wave peak amplitudes in transgene and vehicle-treated eyes relative to their contralateral untreated eyes.



**Figure S2C.** Individual ERG results for OPs peak amplitudes in transgene and vehicle-treated eyes relative to their contralateral untreated eyes.