

Figure S1. Excitation power-dependent uPL spectra in QD5 with more D_{3h} symmetric exciton emission features and QD4 with similar D_{3h} symmetric exciton emission features as QD1 and FSS ~ 11 ueV.

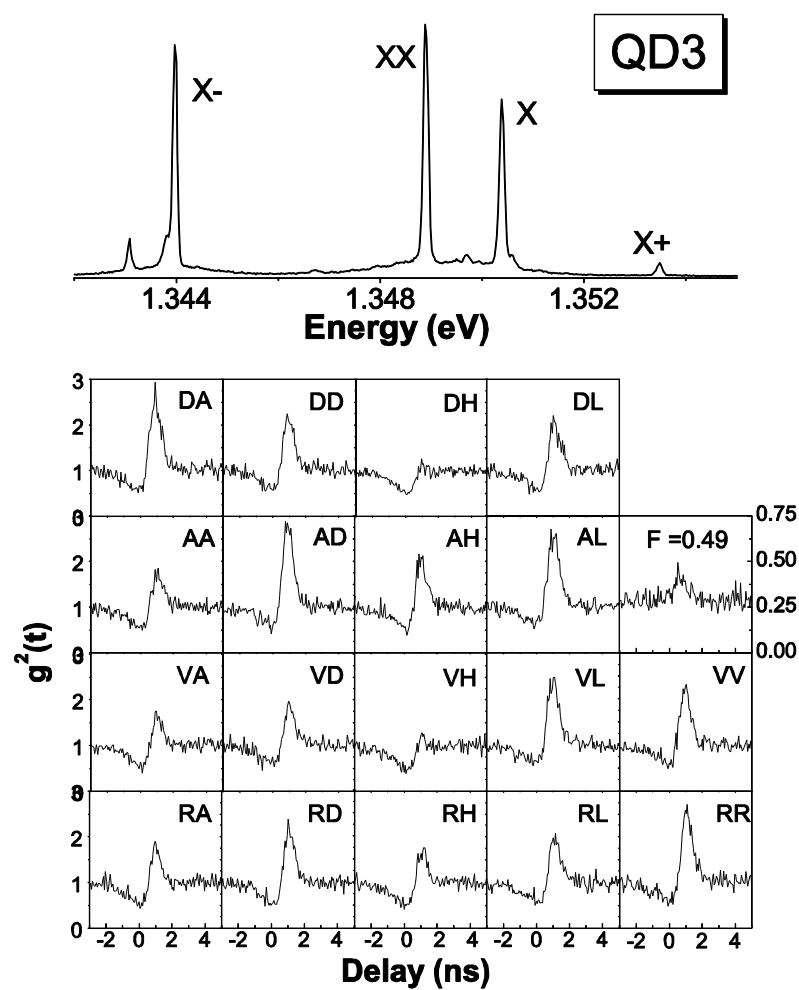


Figure S2. 18 combinations of polarization-related XX-X correlations in QD3 (FSS = 6.8 ueV, $F = 0.49$).

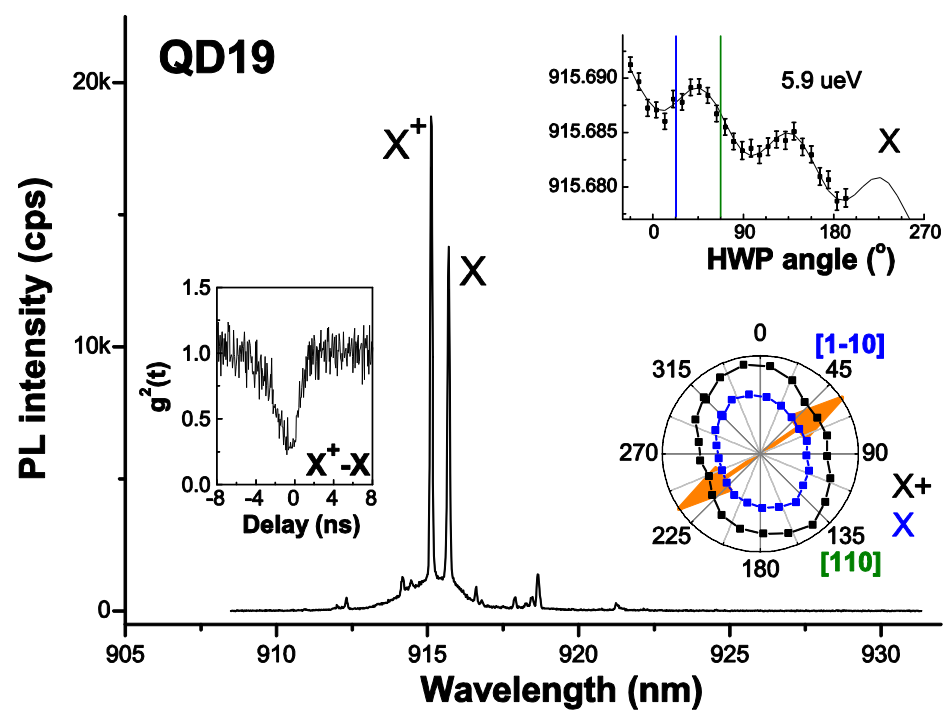


Figure S3. μ PL spectrum, FSS oscillation and EIP in a polar plot in QD19.