**Supplementary Table 1.** Settings for confocal scanning laser microscopic imaging (Nikon A1Si) of coral larvae and associated probes used in fluorescence *in situ* hybridization (FISH) analyses.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Laser** | **Band pass filter** | **Filter range** | **FISH Fluorophore** | **HV** | **offset** | **laser** | **Pixel Dwell time (μseconds)** | **Average/image** |
| 488nm | 525/50 | 500-550nm | / | 77 | 7 | 2 | 6.1 | 2 |
| 561nm | 595/50 | 575-615nm | Alexafluor546 | 72 | -10 | 1.5 | 6.1 | 2 |
| 640nm | 700/75 | 662-737nm | ATTO647 | 77 | -4 | 1.9 | 6.1 | 2 |

/ indicates that no FISH probes were used for observations under this laser.

Note: the coral tissue exhibits autofluorescence within the emission wavelengths ~ 450nm to ~600 nm and *Symbiodinium* chlorophyll A displays autofluoresecence at ~650nm when exited with light from 425-470nm spectra.