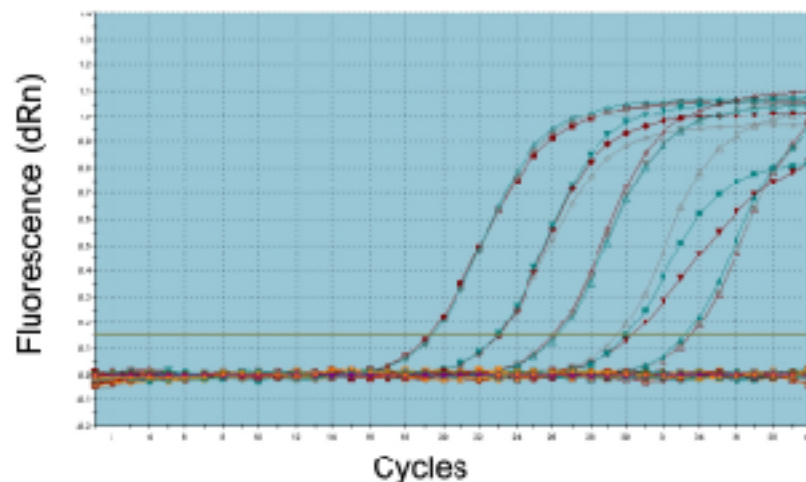
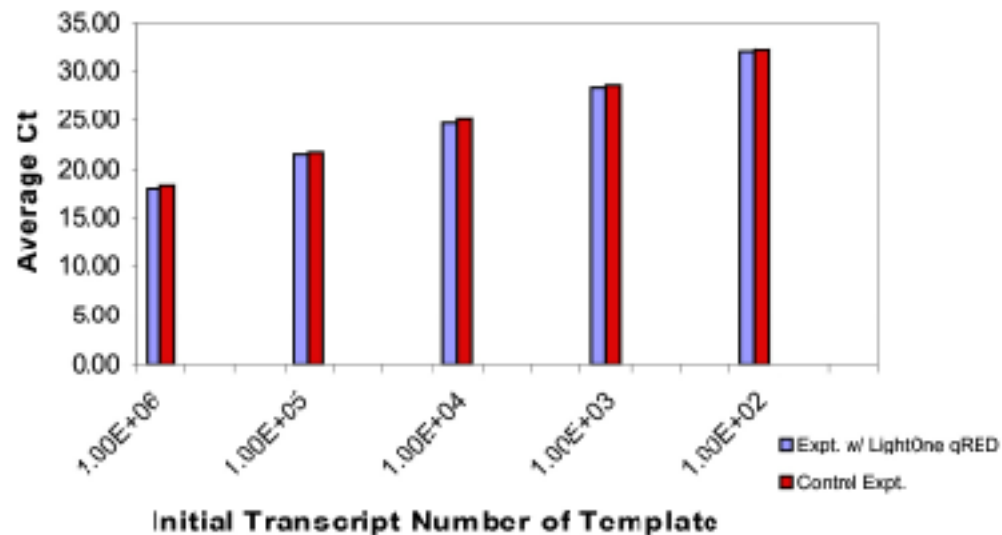
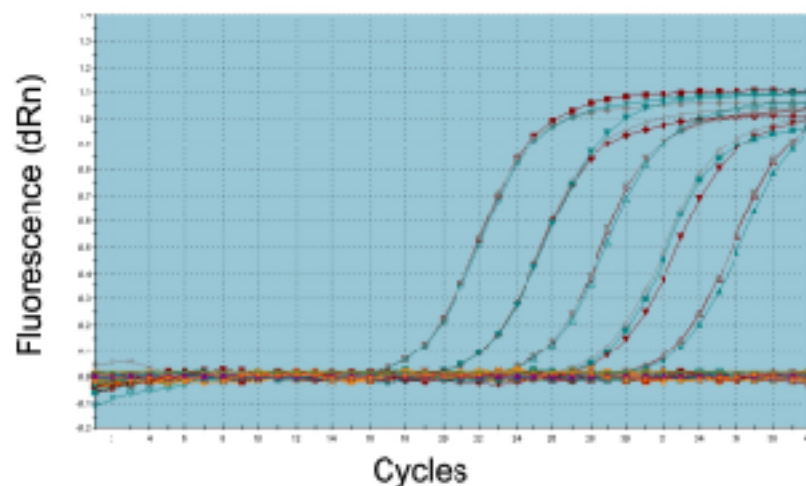


## LightOne qRED Real-Time PCR Amplification Data



### Control Experiment Amplification Plots



Wells Averaged	Experiment with LightOne cRED	Average Ct	Initial transcript # of template	Target Gene	Assay
A1, A2, A3	plate #1: LightOne qRED qRTPCR data	17.86	1.00E+06	IL-3	SYBR
A1, A2, A3	plate #2: Control qRTPCR data	18.19	1.00E+06	IL-3	SYBR
B1, B2, B3	plate #1: LightOne qRED qRTPCR data	21.52	1.00E+05	IL-3	SYBR
B1, B2, B3	plate #2: Control qRTPCR data	21.72	1.00E+05	IL-3	SYBR
C1, C2, C3	plate #1: LightOne qRED qRTPCR data	24.65	1.00E+04	IL-3	SYBR
C1, C2, C3	plate #2: Control qRTPCR data	25.05	1.00E+04	IL-3	SYBR
D1, D2, D3	plate #1: LightOne qRED qRTPCR data	28.37	1.00E+03	IL-3	SYBR
D1, D2, D3	plate #2: Control qRTPCR data	28.50	1.00E+03	IL-3	SYBR
E1, E2, E3	plate #1: LightOne qRED qRTPCR data	31.94	1.00E+02	IL-3	SYBR
E1, E2, E3	plate #2: Control qRTPCR data	32.10	1.00E+02	IL-3	SYBR

#### Remarks:

Expt. 1: PCR setup was done illuminated with a 60W incandescent light bulb (yellow light) and WITH the aid of LightOne qRED.

Expt. 2 (Control Experiments): PCR setup was done illuminated with a 60W incandescent light bulb (yellow light) See back for graph view

\* Data from the laboratory of Dr. Lena Gerwick, Scripps Institution of Oceanography, UC San Diego