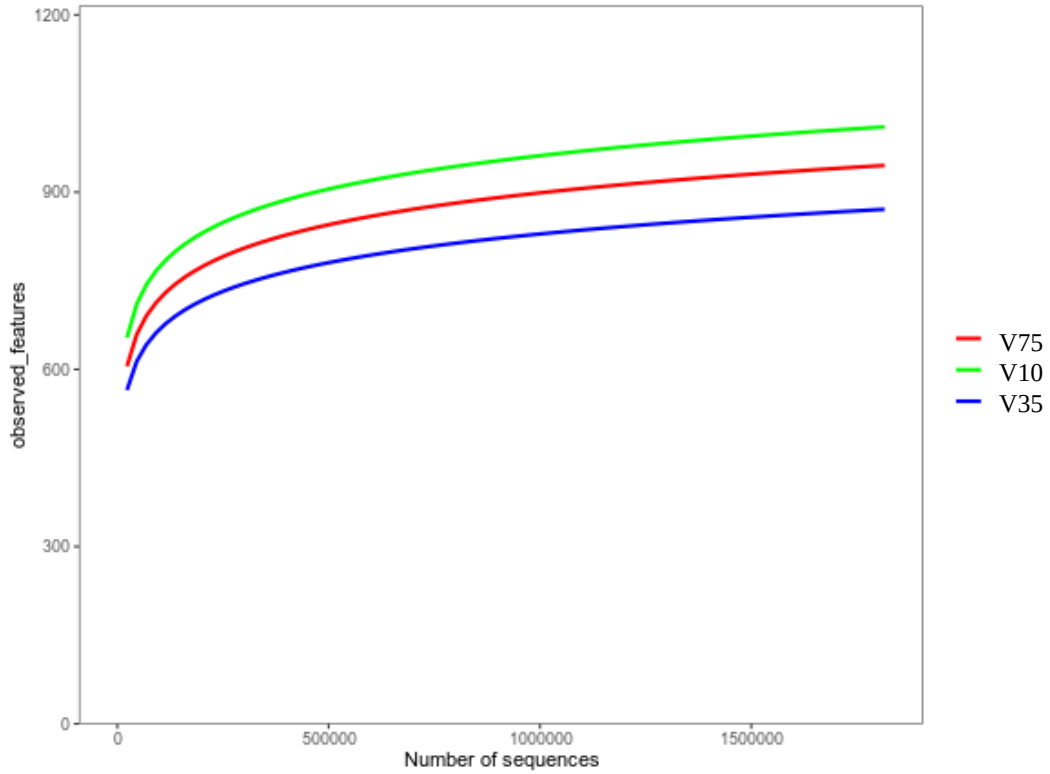


Supplementary Figure 1. The metagenomic α-diversity rarefaction curves (mean) under different aeration intensity treatments.

Supplementary Table 1. The growth performance of the *Litopennaeus vannamei* over the two-month study period.

	V75	V35	V10
Initial weight (g)	1.83±0.42	1.83±0.23	1.83±0.37
Final weight (g)	7.87±1.01	8.02±0.93	7.70±0.45
Survival (%)	78.35±9.53	80.15±8.12	80.78±6.67

Note: Survival (%) = 100×(final amount of shrimps)/(initial amount of shrimps); Mean ± SD, n=4.