

Additional file 1. Summary of raw reads data for *Perna viridis*.

Item	Gills		Hepatopancreas		Adductor muscle	
	Male	Female	Male	Female	Male	Female
Throughput (Mb)	8,545	9,889	10,320	8,563	9,097	10,352
Number of reads	84,607,612	97,908,328	102,182,018	84,784,834	90,074,178	102,494,014
Sequence quality \geq Q30	87.60%	89.19%	85.09%	87.76%	85.39%	83.78%
Mean quality score	35	35	34	35	34	34
GC %	39%	39%	40%	40%	42%	42%