

**Library technology -
NEXTflex™ Rapid
Directional RNA-Seq Kit**

Reads	Specimen	Tissue	Number of reads	Total number of reads per mussel	Number of reads	Number of bases
R1	Mussel 1	gills	30698278		30579413	4546689048
R2	Mussel 1	gills	30698278		30579413	4544749967
R1	Mussel 1	mantle	43247584		43083850	6429704391
R2	Mussel 1	mantle	43247584		43083850	6425857577
R1	Mussel 1	digestive gland	59371836	406589144	59150423	8859395587
R2	Mussel 1	digestive gland	59371836		59150423	8852588313
R1	Mussel 1	foot	69976874		69713300	10399401184
R2	Mussel 1	foot	69976874		69713300	10392761865
R1	Mussel 2	gills	37761566		37620655	5632300414
R2	Mussel 2	gills	37761566		37620655	5627830625
R1	Mussel 2	mantle	52359859		52165185	7785711260
R2	Mussel 2	mantle	52359859	376577660	52165185	7780769159
R1	Mussel 2	digestive gland	51477288		51279760	7643858942
R2	Mussel 2	digestive gland	51477288		51279760	7639425982
R1	Mussel 2	foot	46690117		46481387	6937080076
R2	Mussel 2	foot	46690117		46481387	6932038554
R1	Mussel 3	gills	42715593		42553887	6351524437
R2	Mussel 3	gills	42715593		42553887	6347642156

R1	Mussel 3	mantle	40727982		40576777	6052988849
R2	Mussel 3	mantle	40727982	334316116	40576777	6049207323
R1	Mussel 3	digestive gland	34672831		34529461	5157983507
R2	Mussel 3	digestive gland	34672831		34529461	5155094506
R1	Mussel 3	foot	49041652		48852467	7284483226
R2	Mussel 3	foot	49041652		48852467	7278546441

Table S1. RNA raw reads sequenced for 3 *L. fortunei* specimens, 4 tissues each