

Table S1. Total reads in mock library

Statu			Total reads	Total bases (bp)	Uniq reads	Uniq (bp)
Total	Mapped	small	7798928	17552038	107050	24931927
RNA				0	1	
Total	Sense	Mapped	6965304	15642631	674937	15723526
small RNA				5		
Total	Antisense	Mapped	833624	19094065	395564	9208401
small RNA						
Total small RNA			8164582	18388802	124317	28967277
				2	4	

Table S2. Total reads in 3 dai library

Statu				Total bases	Uniq	Uniq	bases
				Total (bp)	reads	(bp)	
				reads			
Total	Mapped	small	6418039				
RNA				14875589	565024	13370541	
				9			
Total	Sense	Mapped	5954841	13790455	355604		
small RNA				7		8412915	
Total	Antisense	Mapped	463198	10851342	209420		
small RNA						4957626	
Total small RNA					666591		
			6627084	15359478		15773408	
				4			

Table S3. Total reads in 7 dai library

Statu			Total reads	Total bases (bp)	Uniq reads	Uniq (bp)
Total	Mapped	small	7136192	16966228	598323	14271709
RNA				0		
Total	Sense	Mapped	6593838	15680031	368695	8785285
small RNA				1		
Total	Antisense	Mapped	542354	12861969	229628	5486424
small RNA						
Total small RNA			7713820	18351173	739715	17636746
				4		