

Table S1. Summary of mapping results

Map to gene	WT-PEG-0h		WT-PEG-6h		WT-PEG-24h		WT-salt-0h		WT-salt-1h		WT-salt-6h	
	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage
clean reads	7333513	100%	7116841	100%	7389213	100%	7387204	100%	7239102	100%	7390469	100%
Total mapped reads	6596369	89.95%	6432701	90.39%	6265857	84.80%	6669882	90.29%	6607019	91.27%	6768117	91.58%
Total unmapped reads	737144	10.05%	684140	9.61%	1123356	15.20%	717322	9.71%	632083	8.73%	622352	8.42%
Unique_match	3293165	44.91%	3283291	46.13%	3168963	42.89%	3314077	44.86%	3409482	47.10%	3656368	49.47%
Multi-position match	3303204	45.04%	3149410	44.25%	3096894	41.91%	3355805	45.43%	3197537	44.17%	3111749	42.10%
Perfect match	6040500	82.37%	5874905	82.55%	5711530	77.30%	6129419	82.97%	6048954	83.56%	6180542	83.63%
<=5bp mismatch	525415	7.16%	530256	7.45%	522317	7.07%	505249	6.84%	526733	7.28%	548742	7.42%
Map to gene	OXR-PEG-0h		OXR-PEG-6h		OXR-PEG-24h		OXR-salt-0h		OXR-salt-1h		OXR-salt-6h	
	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage	Reads number	percentage
clean reads	7245902	100%	7321939	100%	7401080	100%	7221670	100%	7336233	100%	7344809	100%
Total mapped reads	6449341	89.01%	6556674	89.55%	6598040	89.15%	6501240	90.02%	6173666	84.15%	6639746	90.40%
Total unmapped reads	796561	10.99%	765265	10.45%	803040	10.85%	720430	9.98%	1162567	15.85%	705063	9.60%
Unique_match	3239357	44.71%	3309357	45.20%	3343701	45.18%	3246232	44.95%	3208032	43.73%	3554091	48.39%
Multi-position match	3209984	44.30%	3247317	44.35%	3254339	43.97%	3255008	45.07%	2965634	40.42%	3085655	42.01%
Perfect match	5885693	81.23%	6009162	82.07%	6075612	82.09%	5954529	82.45%	5635346	76.82%	6034068	82.15%
<=5bp mismatch	529401	7.31%	512213	7.00%	484554	6.55%	514871	7.13%	502769	6.85%	559694	7.62%