

Supplementary Table S2 The quality control of transcriptional data

Sample	Raw reads	Clean reads	Clean base	Error rate(%)	Q20(%)	Q30(%)	GC content(%)
CKL1	76071472	74330888	11.15	0.02	98.4	95.16	55.46
CKL2	90361256	89027832	13.35	0.02	98.26	94.75	55.64
CKL3	78435260	76676590	11.50	0.02	96.89	92.10	55.51
JL1	73920152	71954598	10.79	0.02	96.74	91.83	54.35
JL2	87375902	85987864	12.90	0.02	98.17	94.54	54.86
JL3	80569106	79159862	11.87	0.02	98.01	94.14	54.98
YL1	76519382	74644430	11.20	0.02	96.90	92.10	54.87
YL2	93707000	91492828	13.72	0.02	98.27	94.82	55.33
YL3	91536890	90047558	13.51	0.02	98.17	94.55	55.63

CKL, oat leaves at control; JL, oat leaves at alkali treatment (40 mmol.L⁻¹ Na₂CO₃:NaHCO₃ = 1:1); YL, oat leaves at salt treatment(120 mmol.L⁻¹ NaCl:Na₂SO₄=1:1); 1, replicate 1; 2, replicate 2; 3, replicate 3.