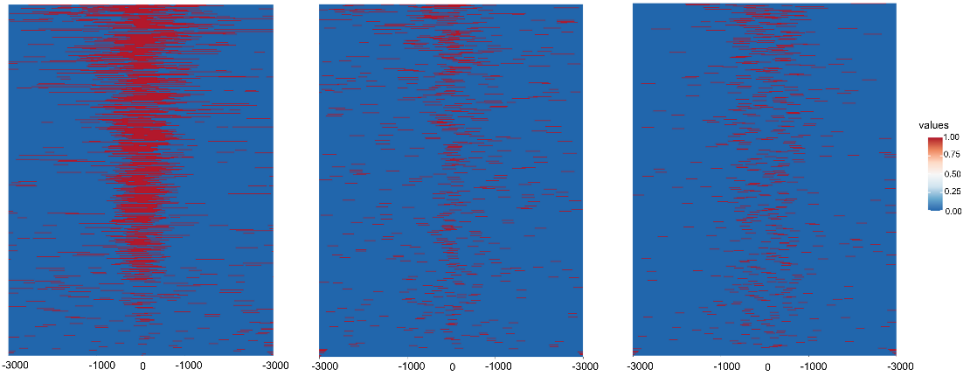
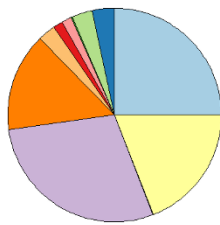
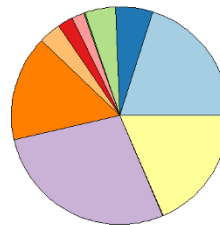


a**A549-shCtrl-2 vs A549-shLDOC1-2****Unchanged**
(88,847 peaks)**shLDOC1-2-repressed**
(47,446 peaks)**shLDOC1-2-induced**
(5,830 peaks)**b****shLDOC1-2-repressed****shLDOC1-2-induced**

- Promoter (≤ 1 kb) (25%)
- Promoter (1-2kb) (3.38%)
- Promoter (2-3kb) (3.11%)
- 5' UTR (0.19%)
- 3' UTR (1.53%)
- 1st Exon (1.46%)
- Other Exon (2.66%)
- 1st Intron (14.91%)
- Other Intron (28.6%)
- Downstream (≤ 300) (0.07%)
- Distal Intergenic (19.1%)



- Promoter (≤ 1 kb) (20.15%)
- Promoter (1-2kb) (5.54%)
- Promoter (2-3kb) (4.57%)
- 5' UTR (0.2%)
- 3' UTR (1.86%)
- 1st Exon (2.23%)
- Other Exon (3.31%)
- 1st Intron (15.73%)
- Other Intron (27.82%)
- Downstream (≤ 300) (0.11%)
- Distal Intergenic (18.49%)