

Figure S1. Effects of kallisto pseudo-alignment efficiency on differences in TPM estimate Spearman's rank correlations between $2 \times 40$ vs. $1 \times 125$. Efficiency of $2 \times 40$ is presented as the total kallisto count for $2 \times 40$ for (a) transcripts and (b) genes, and contrasted with the efficiency of $1 \times 125$ in the form of count ratios for (c) transcripts and (d) genes. Symbol colors correspond to SRA accessions.


Figure S2. Effects of bowtie2 alignment rates on differences in RSEM TPM estimate Spearman's rank correlations between $2 \times 40$ vs. $1 \times 75$. Relative differences in efficiency are presented as the ratio of $2 \times 40$ to $1 \times 75$ TPM correlations with $2 \times 125$ TPM over the ratio of unique alignment rate for (a) transcripts and (b) genes, and over the ratio of overall alignment rates for (c) transcripts and (d) genes. Symbol colors correspond to SRA accessions.


Figure S3. Effects of bowtie2 alignment rates on differences in RSEM TPM estimate Spearman's rank correlations between $2 \times 40$ vs. $1 \times 125$. Relative differences in efficiency are presented as the ratio of $2 \times 40$ to $1 \times 125$ TPM correlations with $2 \times 125$ TPM over the ratio of unique alignment rate for (a) transcripts and (b) genes, and over the ratio of overall alignment rates for (c) transcripts and (d) genes. Symbol colors correspond to SRA accessions.


Figure S4. For limma-voom Wald tests, variation across SRA accessions, in ( $\mathbf{a}, \mathbf{b}$ ) false negative rate, ( $\mathbf{c}, \mathrm{d}$ ) empirical false discovery rate (red line indicates FDR threshold of 0.01 for calling tests significant), and (e,f) AUC between $2 \times 40,1 \times 75$ and $1 \times 125$ sequencing strategies. Differences are plotted as means for Wald tests within accessions, for ( $\mathbf{a}, \mathbf{c}, \mathbf{e}$ ) transcripts and ( $\mathbf{b}, \mathbf{d}, \mathbf{f}$ ) genes.


Figure S5. For DESeq2 Wald tests, variation across SRA accessions, in (a,b) false negative rate, ( $\mathbf{c}, \mathrm{d}$ ) empirical false discovery rate (red line indicates FDR threshold of 0.01 for calling tests significant), and (e,f) AUC between $2 \times 40,1 \times 75$ and $1 \times 125$ sequencing strategies. Differences are plotted as means for Wald tests within accessions, for ( $\mathbf{a}, \mathbf{c}, \mathbf{e}$ ) transcripts and ( $\mathbf{b}, \mathbf{d}, \mathbf{f}$ ) genes.

Table S1. SRA accessions used in this study.

| Accession | Organism | Instrument | Paired-end read length | Conditions | Biological replicates per condition | Kallisto | RSEM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SRP133853 | H. sapiens | HiSeq 2500 | 125 | 6 | 3 | x | x |
| SRP115815 | H. sapiens | HiSeq 2500 | 125-126 | 9 | 3 | X |  |
| SRP105271 | M. musculus | HiSeq 2000 | 125 | 5 | 3-4 | x |  |
| SRP143508 | M. musculus | HiSeq X Ten | 150 | 2 | 3 | X |  |
| SRP096374 | M. musculus | HiSeq 4000 | 150 | 2 | 3 | x | x |
| ERP017328 | D. melanogaster | HiSeq 2500 | 126 | 2 | 3 | X |  |
| SRP128516 | D. melanogaster | HiSeq 4000 | 151 | 2 | 3 | x | x |
| SRP089981 | C. elegans | NextSeq 500 | 151 | 4 | 5 | X |  |
| SRP092256 | C. elegans | HiSeq 2500 | 126 | 7 | 5 | X |  |
| SRP129557 | C. elegans | HiSeq 3000 | 126 | 4 | 3 | x | x |
| SRP133093 | S. cerevisiae | HiSeq 2000 | 151 | 4 | 3 | X | X |
| SRP142501 | S. cerevisiae | HiSeq X Ten | 150 | 2 | 3 | x |  |

Table S2. Across all assayed SRA accessions, percentages of pairwise differential expression tests between conditions where a performance metric is greater for $2 \times 40$ compared to $1 \times 75$ or $1 \times 125$. Gene-level analyses are not included for yeast accessions (SRP133093 and SRP142501) as this species has no alternative splicing, such that there is only one annotated transcript per gene. Bold values indicate those where $2 \times 40$ outperforms the evaluated single-end strategy. NA indicates there were < 50 differentially expressed features such that performance metrics were not calculated.

|  | transcript |  | gene |  |
| :---: | :---: | :---: | :---: | :---: |
| Metric | 2x40 > 1x75 | $2 \times 40>1 \times 125$ | 2x40 > 1x75 | 2x40>1x125 |
| sleuth |  |  |  |  |
| empirical false discovery rate |  |  |  |  |
| ERP017328 | 0 | 0 | 0 | 0 |
| SRP089981 | 0 | 80 | 0 | 0 |
| SRP092256 | 0 | 0 | 0 | 0 |
| SRP096374 | 0 | 0 | 0 | 0 |
| SRP105271 | 0 | 90 | 0 | 0 |
| SRP115815 | 0 | 0 | 0 | 11.1 |
| SRP129557 | 0 | 0 | 0 | 0 |
| SRP133093 | 0 | 0 | 0 | 0 |
| SRP133853 | 46.7 | 46.7 | 46.7 | 46.7 |
| SRP142501 | 0 | 0 | 0 | 0 |
| false negative rate |  |  |  |  |
| ERP017328 | 0 | 0 | 0 | 0 |
| SRP089981 | 0 | 20 | 0 | 0 |
| SRP092256 | 0 | 0 | 0 | 0 |
| SRP096374 | 0 | 0 | 0 | 0 |
| SRP105271 | 0 | 100 | 0 | 100 |
| SRP115815 | 0 | 8.3 | 0 | 27.8 |
| SRP129557 | 0 | 0 | 0 | 0 |
| SRP133093 | 0 | 0 | - | - |
| SRP133853 | 0 | 0 | 13.3 | 13.3 |
| SRP142501 | 0 | 0 | - | - |

false positive rate

| ERP017328 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | 80 | 80 | 60 | $\mathbf{8 0}$ |
| SRP092256 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP096374 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP105271 | $\mathbf{0}$ | 90 | $\mathbf{2 0}$ | 80 |
| SRP115815 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{5 . 6}$ | $\mathbf{1 6 . 7}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |
| SRP133853 | 60 | 60 | 53.3 | 53.3 |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |

sensitivity
ERP017328

SRP089981
SRP092256
SRP096374
SRP105271
SRP115815
SRP129557
SRP133093
SRP133853
SRP142501
specificity
ERP017328
SRP089981
SRP092256
SRP096374
SRP105271
SRP115815
SRP129557
SRP133093
SRP133853
SRP142501
precision
ERP017328
SRP089981
SRP092256
SRP096374
SRP105271
SRP115815
SRP129557
SRP133093
SRP133853
SRP142501
auc

| ERP017328 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :--- | :---: | :---: |
| SRP089981 | $\mathbf{1 0 0}$ | $\mathbf{8 0}$ |
| SRP092256 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP096374 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP105271 | $\mathbf{1 0 0}$ | 0 |
| SRP115815 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP129557 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP133093 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |


| 100 | 100 |
| :---: | :---: |
| 100 | 100 |
| 100 | 100 |
| 100 | 100 |
| 100 | 0 |
| 100 | 72.2 |
| 100 | 100 |
| - | - |
| 86.7 | 86.7 |
| - | - |


| 100 | 100 |
| :---: | :---: |
| 40 | 20 |
| 100 | 100 |
| 100 | 100 |
| 80 | 20 |
| 94.4 | 83.3 |
| 100 | 100 |
| - | - |
| 46.7 | 46.7 |

- 

40
100
100
20
88.9

100
53.3

100
100
100
100
30
100
100

| SRP133853 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :---: | :---: | :---: | :---: | :---: |
| SRP142501 | 100 | 100 | - | - |

## limma-voom

empirical false discovery rate

| ERP017328 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP092256 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{5}$ |
| SRP096374 | 100 | 100 | 100 | $\mathbf{0}$ |
| SRP105271 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{4 0}$ |
| SRP115815 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{5 . 6}$ | $\mathbf{2 5}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133853 | $\mathbf{2 5}$ | $\mathbf{2 5}$ | $\mathbf{4 2 . 9}$ | 50 |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |

false negative rate

| ERP017328 (1) | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 (4) | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 5}$ |
| SRP092256 (19) | $\mathbf{2 1}$ | 89.5 | $\mathbf{0}$ | $\mathbf{3 0}$ |
| SRP096374 (1) | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP105271 (9) | $\mathbf{2 2 . 2}$ | 77.8 | 70 | 100 |
| SRP115815 (36) | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP129557 (3) | $\mathbf{0}$ | $\mathbf{3 3 . 3}$ | $\mathbf{1 6 . 7}$ | $\mathbf{3 3 . 3}$ |
| SRP133093 (6) | $\mathbf{3 3 . 3}$ | 50 | - | - |
| SRP133853 ()??? | 50 | $\mathbf{2 5}$ | $\mathbf{3 5 . 7}$ | $\mathbf{4 2 . 9}$ |
| SRP142501 (1) | 100 | 100 | - | - |

false positive rate

| ERP017328 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP092256 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{5 . 0}$ |
| SRP096374 | 100 | 100 | 100 | $\mathbf{0}$ |
| SRP105271 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 0}$ |
| SRP115815 | $\mathbf{1 1 . 1}$ | $\mathbf{0}$ | $\mathbf{8 . 3}$ | $\mathbf{3 0 . 6}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |
| SRP133853 | 50 | 75 | 57.1 | 50 |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |

sensitivity
ERP017328
SRP089981
SRP092256
SRP096374
SRP105271
100
100
78.9
100
100
100
10.5
100
11.1

| 100 | 100 |
| :---: | :---: |
| 100 | 75 |
| 100 | 60 |
| 100 | 100 |
| 30 | 0 |


| SRP115815 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP129557 | 100 | $\mathbf{6 6 . 7}$ | $\mathbf{8 3 . 3}$ | $\mathbf{6 6 . 7}$ |
| SRP133093 | $\mathbf{6 6 . 7}$ | 50 | - | - |
| SRP133853 | 50 | $\mathbf{7 5}$ | $\mathbf{6 4 . 3}$ | $\mathbf{5 7 . 1}$ |
| SRP142501 | 0 | 0 | - | - |

## specificity

| ERP017328 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP092256 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{9 5}$ |
| SRP096374 | 0 | 0 | 0 | $\mathbf{1 0 0}$ |
| SRP105271 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{8 0}$ |
| SRP115815 | $\mathbf{8 8 . 9}$ | $\mathbf{1 0 0}$ | $\mathbf{9 1 . 7}$ | $\mathbf{6 9 . 4}$ |
| SRP129557 | 100 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP133093 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | - | - |
| SRP133853 | 50 | 25 | 42.9 | 50 |
| SRP142501 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | - | - |

## precision

ERP017328

SRP089981
SRP092256
SRP096374
SRP105271
SRP115815
SRP129557
SRP133093
SRP133853
SRP142501
auc

| ERP017328 | 100 | 100 | 100 | 0 |
| :---: | :---: | :---: | :---: | :---: |
| SRP089981 | 100 | 100 | 100 | 100 |
| SRP092256 | 100 | 100 | 100 | 75 |
| SRP096374 | 0 | 0 | 100 | 100 |
| SRP105271 | 100 | 33.3 | 60 | 10 |
| SRP115815 | 100 | 100 | 100 | 94.4 |
| SRP129557 | 100 | 100 | 100 | 100 |
| SRP133093 | 100 | 100 | - | - |
| SRP133853 | 100 | 100 | 100 | 71.4 |
| SRP142501 | 100 | 0 | - | - |

## DESeq2

false discovery rate

| ERP017328 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :---: |
| SRP089981 | 0 | 0 | 0 | 20 |


| SRP092256 | $\mathbf{4 . 8}$ | $\mathbf{9 . 5}$ | $\mathbf{0}$ | $\mathbf{4 . 8}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP096374 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP105271 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 0}$ |
| SRP115815 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 . 8}$ | $\mathbf{8 . 3}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133853 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{1 3 . 3}$ | $\mathbf{2 0}$ |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP128516 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP143508 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |

false negative rate

| ERP017328 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP092256 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{9 . 5}$ | $\mathbf{4 2 . 9}$ |
| SRP096374 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | 100 |
| SRP105271 | $\mathbf{2 0}$ | 100 | 90 | 100 |
| SRP115815 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{1 6 . 7}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{3 3 . 3}$ | - | - |
| SRP133853 | $\mathbf{0}$ | $\mathbf{2 0}$ | 66.7 | 93.3 |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |
| SRP128516 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP143508 | $\mathbf{0}$ | $\mathbf{0}$ | NA | NA |

false positive rate

| ERP017328 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 0}$ |
| SRP092256 | $\mathbf{9 . 5}$ | $\mathbf{1 4 . 3}$ | $\mathbf{0}$ | $\mathbf{4 . 8}$ |
| SRP096374 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP105271 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{2 0}$ |
| SRP115815 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{8 . 3}$ | $\mathbf{1 1 . 1}$ |
| SRP129557 | $\mathbf{0}$ | $\mathbf{1 6 . 7}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP133093 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |
| SRP133853 | $\mathbf{4 6 . 7}$ | $\mathbf{4 0}$ | $\mathbf{2 0}$ | $\mathbf{2 0}$ |
| SRP142501 | $\mathbf{0}$ | $\mathbf{0}$ | - | - |
| SRP128516 | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{0}$ |
| SRP143508 | $\mathbf{0}$ | $\mathbf{0}$ | NA | NA |

sensitivity
ERP017328
SRP089981
SRP092256
SRP096374
SRP105271
100
100
100
100
80
100
100
100
100
0

| 100 | 100 |
| :---: | :---: |
| 100 | 100 |
| 90.5 | 52.4 |
| 100 | 0 |
| 10 | 0 |


| SRP115815 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP129557 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{6 6 . 7}$ |
| SRP133093 | $\mathbf{1 0 0}$ | $\mathbf{6 6 . 7}$ | - | - |
| SRP133853 | $\mathbf{1 0 0}$ | $\mathbf{8 0}$ | 33.3 | 6.7 |
| SRP142501 | 0 | 0 | - | - |
| SRP128516 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP143508 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | NA | NA |

specificity
ERP017328
SRP089981
SRP092256
SRP096374
SRP105271
SRP115815
SRP129557
SRP133093
SRP133853
SRP142501
SRP128516
SRP143508

## precision

ERP017328

| 100 | 100 | 100 | 100 |
| :---: | :---: | :---: | :---: |
| 100 | 100 | 100 | 80 |
| 95.2 | 90.5 | 100 | 95.2 |
| 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 80 |
| 100 | 100 | 97.2 | 91.7 |
| 100 | 100 | 100 | 100 |
| 100 | 100 | - | - |
| 100 | 100 | 86.7 | 80 |
| 100 | 100 | - | - |
| 100 | 100 | 100 | 100 |
| 100 | 100 | NA | NA |

auc

| ERP017328 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP089981 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP092256 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP096374 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP105271 | $\mathbf{1 0 0}$ | 40 | $\mathbf{9 0}$ | 0 |
| SRP115815 | 100 | 100 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP129557 | 100 | 100 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP133093 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | - | - |


| SRP133853 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | $\mathbf{9 3 . 3}$ | $\mathbf{7 3 . 3}$ |
| :--- | :---: | :---: | :---: | :---: |
| SRP142501 | 0 | 0 | - | - |
| SRP128516 | 100 | 100 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ |
| SRP143508 | $\mathbf{1 0 0}$ | $\mathbf{1 0 0}$ | NA | NA |

