**A**

mRNA-Seq

Purified Total RNA

Poly-A Selection

RNA Fragmentation*

cDNA Synthesis

Adapter Ligation & PCR

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Ribo-Zero-Seq

Purified Total RNA

RNA extraction:
Hybridization/bead capture

RNA Fragmentation*

cDNA Synthesis

Adapter Ligation & PCR

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DSN-Seq

Purified Total RNA

RNA Fragmentation*

cDNA Synthesis

Adapter Ligation & PCR

DSN Normalization

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* RNA Fragmentation only applies to fresh-frozen samples.

**B**

<table>
<thead>
<tr>
<th>Sample source</th>
<th>Tissue type</th>
<th>mRNA-Seq</th>
<th>Ribo-Zero-Seq</th>
<th>DSN-Seq</th>
<th>Agilent DNA microarray</th>
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