a) Work-flow of custom sRNA capture SureSelect system

[Diagram showing steps of the process]

- target miRNAs, other small RNAs
- hybridization
- streptavidin magnetic beads
- magnetic pull-down
- NGS sequencing

biotinylated baits

b) Design of bait sequences

- target miRNA
- ligation adapters
- bait sequence

<table>
<thead>
<tr>
<th>Bait complementarity</th>
<th>Complementarity extends</th>
<th>Complementary to part of</th>
<th>In case of longer targets, the hybridization length is kept constant</th>
</tr>
</thead>
<tbody>
<tr>
<td>only covers target miRNA: hybridization too weak</td>
<td>to entire ligation adapter: interaction not specific</td>
<td>ligation adapters: strong and specific hybridization</td>
<td>constant</td>
</tr>
</tbody>
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