**Table S1. Barcode sequences attached to the 5’-end of the cDNA used for the libraries preparation and sequencing.**

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| --- | --- |
| **Sample**  | **Barcode sequence** |
| Mouse mammary sample 1 | ACAGTG |
| Mouse mammary sample 2 | GCCAAT |
| Mouse mammary AGO2 co-immunoprecipitation sample 1 | CAGATC |
| Mouse mammary AGO2 co-immunoprecipitation sample 2 | ACTTGA |
| Bovine mammary sample 1 | CGATGT |
| Bovine mammary sample 2 | TGACCA |