S2 Table. Primers used for amplification and sequencing of satellite sequences in immature oocytes, MII oocytes and expanded blastocysts.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Repeat/  binding site | GenBank accession number | Primer sequences (5´- 3´) | Fragment size | Reference |
| Bovine testis satellite I (BTS) | J00032.1 | F: AATACCTCTAATTTCAAACT | 211bp | [1] |
| R: TTTGTGAATGTAGTTAATA |
| Bovine Taurus alpha satellite I (BTαS) | AJ293510.1 | F: GATGTTTTYGGGGAGAGAGG | 154bp | [1] |
| R: CCRATCCCCTCTTAATAAAAACC |
| T7 |  | ACTCACTATAGGGCGAATTG |  | [2] |
| SP6 |  | ATTTAGGTGACACTATAGAATACTC |  | [2] |

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2. Diederich M, Hansmann T, Heinzmann J, Barg-Kues B, Herrmann D, Aldag P, et al. DNA methylation and mRNA expression profiles in bovine oocytes derived from prepubertal and adult donors. Reproduction. 2012;144(3):319-30. Epub 2012/06/27. doi: 10.1530/REP-12-0134. PubMed PMID: 22733804.