

Table S11. piRNAs that bind to the mRNA of *AURKA*, *ERCC1*, *SASH1* and *SIX4* genes.

| piRNA | <i>AURKA</i> | <i>ERCC1</i> | <i>SASH1</i> | <i>SIX4</i> |
|---|--------------|--------------|--------------|-------------|
| piR-74077 | + | + | + | + |
| piR-108578 | + | + | + | + |
| piR-88365 | + | + | - | + |
| piR-115026 | + | - | - | + |
| piR-120925 | + | - | + | + |
| piR-216660 | + | + | + | - |
| piR-81461 | + | - | + | - |
| piR-110734 | + | + | + | + |
| piR-206181 | + | + | + | - |
| piR-224694 | + | + | + | - |
| piR-49581 | + | + | + | - |
| piR-120170 | + | + | + | + |
| piR-128529 | + | + | + | - |
| piR-145556 | + | - | + | + |
| piR-69165 | + | + | - | + |
| piR-123162 | + | + | - | + |
| piR-321692 | + | - | - | + |
| piR-112665 | + | - | + | + |
| piR-270870 | + | + | - | + |
| piR-302301 | + | - | - | + |
| piR-274756 | + | - | - | + |
| piR-288286 | + | + | + | + |
| piR-113908 | + | + | - | + |
| piR-258342 | + | + | - | - |
| piR-226914 | + | + | - | - |
| piR-230823 | + | + | - | - |
| piR-287550 | + | + | - | - |
| piR-230473 | + | + | + | - |
| piR-199338 | + | - | + | - |
| piR-57622 | + | + | + | - |
| piR-99677 | + | + | + | + |
| piR-257600 | + | + | + | - |
| piR-272067 | + | + | + | - |
| piR-445186 | + | + | + | - |
| piR-454666 | + | + | + | - |
| piR-219325 | + | + | + | + |
| piR-249982 | + | + | + | + |
| piR-282903 | + | + | + | + |
| piR-341211 | + | - | + | + |
| piR-38326 | + | + | + | + |
| piR-197774 | + | - | + | + |
| piR-320670 | + | + | - | + |
| piR-363930 | + | - | + | - |
| piR-424861 | + | + | + | + |
| piR-479539 | + | - | - | + |
| piR-196512 | + | - | + | + |
| piR-347859 | + | - | + | + |
| piR-98281 | + | - | - | + |
| piR-121234 | + | + | + | - |
| piR-325698 | + | + | + | + |
| piR-200086 | + | + | - | + |
| piR-67883 | + | + | + | + |
| piR-306330 | + | + | - | + |
| piR-200135 | + | + | + | + |
| piR-344301 | + | - | - | + |
| piR-267379 | + | + | + | + |
| Note. “+” indicates the presence of a piRNA BSs | | | | |