

**Supplementary Table 1 The search strategy of online databases**

| <b>Databases</b> | <b>Search method</b>   |
|------------------|--|
| Pubmed           | ("MIRN17 microRNA, human" [Supplementary Concept] AND "Neoplasms"[Mesh] AND "Prognosis"[Mesh]) |
| Web of Science   |  |
| 1                | TS=(cancer OR neoplas* OR carcinom* OR tumo*)  |
| 2                | TS=(prognosis OR prognostic OR survival OR outcome OR mortality)                               |
| 3                | TS=(miR-17 OR microRNA-17 OR hsa-mir-17)   |
| 4                | #1 AND #2 AND #3   |
| Embase           |  |
| 1                | miR-17 OR microRNA-17 OR hsa-mir-17  |
| 2                | cancer OR neoplas* OR carcinom* OR tumo*   |
| 3                | prognosis OR prognostic OR survival OR outcome OR mortality                                    |
| 4                | #1 AND #2 AND #3 AND ([embase]/lim AND 'human'/de)   |