Supplement Table 1: Search strategy for Systematic Review

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| **#** | **Search terms** |
| 1 | exp melanoma/ |
| 2 | melanoma\*.tw. |
| 3 | melanoma\*.mp. |
| 4 | exp skin neoplasms/ |
| 5 | or/1-4 |
| 6 | exp b raf kinase/ |
| 7 | exp proto-oncogene proteins b-raf/ |
| 8 | B\*RAF\*V600\*.ti,ab. |
| 9 | ("B\*RAF" or "\*V600" or "\*V600E").tw. |
| 10 | ("B\*RAF\*" adj3 "\*V600\*").tw. |
| 11 | or/6-10 |
| 12 | 5 and 11 |
| 13 | exp survival analysis/ |
| 14 | exp prognosis/ |
| 15 | ("associat\*" or "prognos\*" or "survival").tw. |
| 16 | or/13-15 |
| 17 | 16 and 12 |
| 18 | limit 17 to english language |
| 19 | limit 18 to yr="2002-current" |
| 20 | remove duplicates from 19 |