

## Supplementary

**Table S1** The search strategy summary

| Terms  | Databases      | Numbers |
|--|----------------|---------|
| Airway smooth muscle cells                       | PubMed         | 5,156   |
|  | Web of Science | 12,540  |
|  | Google Scholar | 176,000 |
| Airway smooth muscle cells and asthma            | PubMed         | 2,921   |
|  | Web of Science | 6,970   |
|  | Google Scholar | 54,700  |
| Airway smooth muscle cells and marker and asthma | PubMed         | 271     |
|  | Web of Science | 247     |
|  | Google Scholar | 18,300  |

We searched the literature based on term combinations and selected the most relevant ones to read and cite.