**Additional file 2: Full search strategy for Web of Science**

Termsa:

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| --- |
| 1. Sarcoptic mange OR sarcop\* OR mange OR scabie\*
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| 1. Wild\* OR population\* OR native OR indigenous OR local OR animal\* OR free-roaming OR free-ranging OR undomesticated
 |
| 1. Treat\* OR therapy OR cure\* OR medicate\* OR rehabilitate\* OR remedy

Strategy: (1 AND 2 AND 3) |

aThe asterisk (\*) is a truncation symbol used to find any character, group of characters, or no character. For instance, *treat\** would search for the terms *treats* and *treatment* and *treat.*