**S1 Text. Full Search Strategy**

("Playful handling" OR "Tickle" OR "Tickling" OR "Heterospecific play") AND ("Rat" OR "Rats")

This search was applied to:

1. Scopus
   * TITLE-ABS-KEY((playful handling) OR Tickle OR Tickling OR "Heterospecific play" OR "Hetero-specific play") AND TITLE-ABS-KEY(Rat OR rats)
2. PubMed
   * ("Playful handling" OR "Tickle" OR "Tickling" OR "Heterospecific play") AND ("Rat" OR "Rats")
3. Web of Science
   * TS=("Playful Handling" OR Tickling OR Tickle OR "Heterospecific play") AND TS=(Rat OR Rats)
   * Timespan=All years
   * Search language=Auto
4. PsychInfo
   * ("Playful Handling" OR Tickling OR Tickle OR "Heterospecific play") AND (Rat OR Rats) TI ( ("Playful Handling" OR Tickling OR Tickle OR "Heterospecific play") AND (Rat OR Rats) ) OR AB ( ("Playful Handling" OR Tickling OR Tickle OR "Heterospecific play") AND (Rat OR Rats) ) OR KW ( ("Playful Handling" OR Tickling OR Tickle OR "Heterospecific play") AND (Rat OR Rats) )