**Supplementary Table 1:** Exclusion criteria for this study.

Subjects who meet any of the following criteria will be excluded from participation in this study. The subject:

| Criteria                                                                 | Applicable to subject |
|--------------------------------------------------------------------------|-----------------------|
| Has an auto-immune disease                                               | YES/NO                |
| Has an immune deficiency                                                 | YES/NO                |
| Has a bleeding disorder                                                  | YES/NO                |
| Underwent splenectomy                                                    | YES/NO                |
| Receives immunosuppressive medication                                    | YES/NO                |
| Receives medication which influences blood clotting                      | YES/NO                |
| Underwent active (clinically manifested) *Bordetella pertussis* infection at any point in life or had contact with such a person | YES/NO                |
| Received vaccination against *Bordetella pertussis* in the past 10 years  | YES/NO                |
| Has Hb level below 8.4 g/dL (male) or below 7.8 g/dL (female)            | YES/NO                |
| Is pregnant or breast feeding                                            | YES/NO                |
| Had an allergic response to vaccination in the past                      | YES/NO                |