

## Supplementary Information

Additional File 3.

Skin prick test results.

| Drugs                        | Drug concentration (mg/ml) | Diameter of flare (mm) | Diameter of wheal (mm) | Interpretation |
|------------------------------|----------------------------|------------------------|------------------------|----------------|
| Negative control (saline)    |                            | 1                      | 0                      | (-)            |
| Positive control (histamine) |                            | 15                     | 7                      | (+)            |
| Rocuronium                   | 0.1/1/10                   | 1/2/2                  | 0/0/0                  | (-)            |
| Remifentanil                 | 0.001/0.01/0.1             | 1/1/2                  | 0/0/0                  | (-)            |
| Propofol                     | 10                         | 1                      | 0                      | (-)            |
| Cefazolin                    | 10                         | 2                      | 0                      | (-)            |
| Suxamethonium                | 0.1/1/10                   | 2/2/2                  | 0/0/0                  | (-)            |
| Lidocaine                    | 10                         | 2                      | 0                      | (-)            |
| Bupivacaine                  | 5                          | 2                      | 0                      | (-)            |
| Popsaine                     | 2.5                        | 2                      | 0                      | (-)            |