**Table S1. The information of common kestrel**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group** | **Sample** | **physical condition** | Age | **Weight** | **Sex** |
| H | H1 | Healthy | 8-12 | 180-300 | Male |
| H2 | Healthy | 8-12 | 180-300 | Female |
| H3 | Healthy | 8-12 | 180-300 | Male |
| H4 | Healthy | 8-12 | 180-300 | Male |
| H5 | Healthy | 8-12 | 180-300 | Male |
| H6 | Healthy | 8-12 | 180-300 | Female |
| D | D1 | Injured | 8-12 | 180-300 | Male |
| D2 | Injured | 8-12 | 180-300 | Male |
| D3 | Injured | 8-12 | 180-300 | Male |
| D4 | injured | 8-12 | 180-300 | Female |