Table S1. Basic information about experimental animals

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| Buffaloes | Subspecies | Gender | Weight (Kg) |
| A1 | Murrah | Female | 306 |
| A2 | Murrah | Female | 288 |
| A3 | Murrah | Male | 317 |
| B1 | Murrah | Male | 288 |
| B2 | Hybrid-Mediterranean | Female | 320 |
| B3 | Hybrid-Nili-Ravi | Male | 380 |