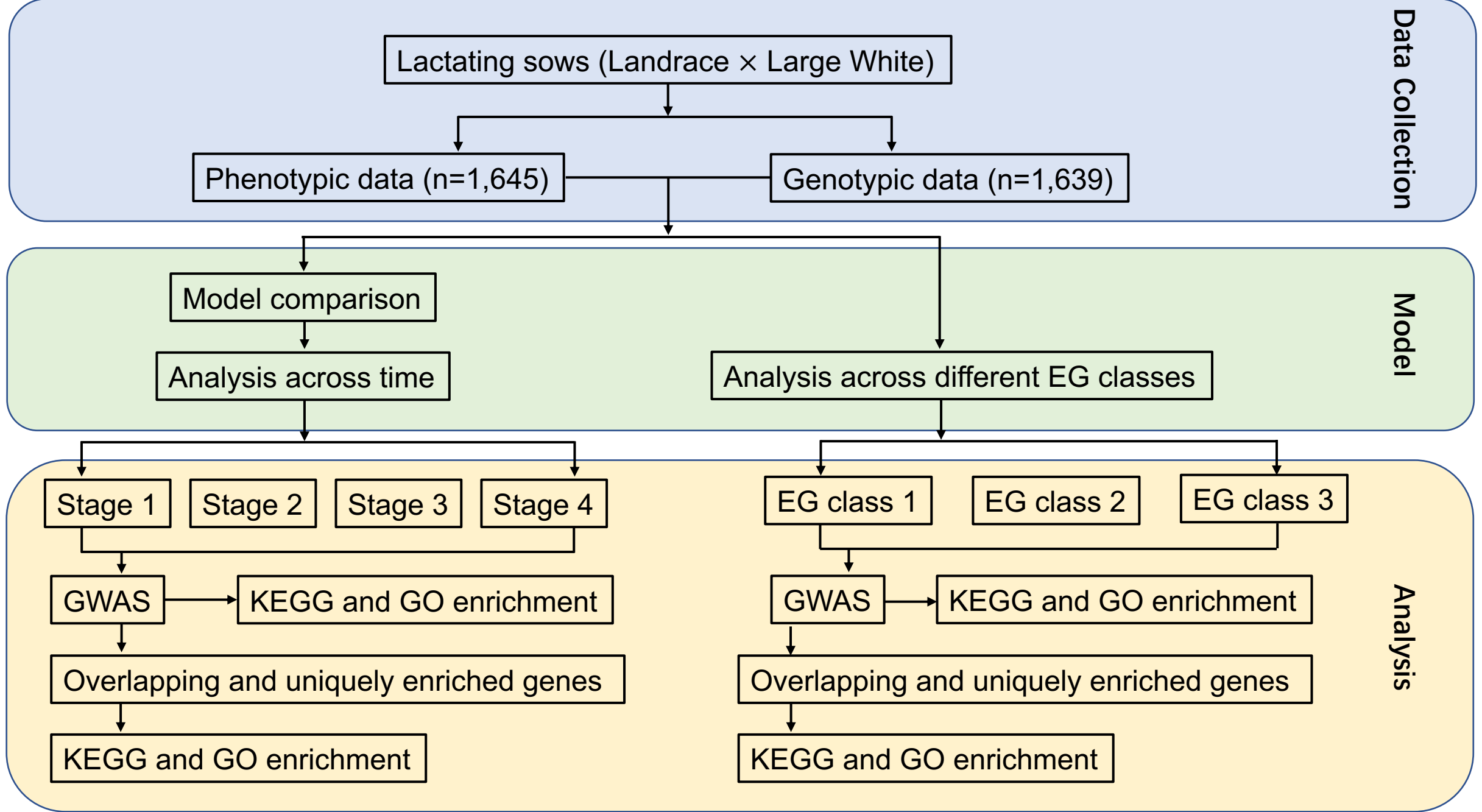




Additional file 1 S1. The overall schematic representation of our study