**Table S6.** Antioxidant activity prediction

                             Probability
Protein Type               Antioxidant               Non-antioxidant
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.098453                  0.901547
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505
**Non-Antioxidant**            0.065495                  0.934505

                             Probability
Protein Type               Antioxidant               Non-antioxidant
**Non-Antioxidant**            0.100413                  0.899587
**Non-Antioxidant**            0.098439                  0.901561
**Non-Antioxidant**            0.100584                  0.899416