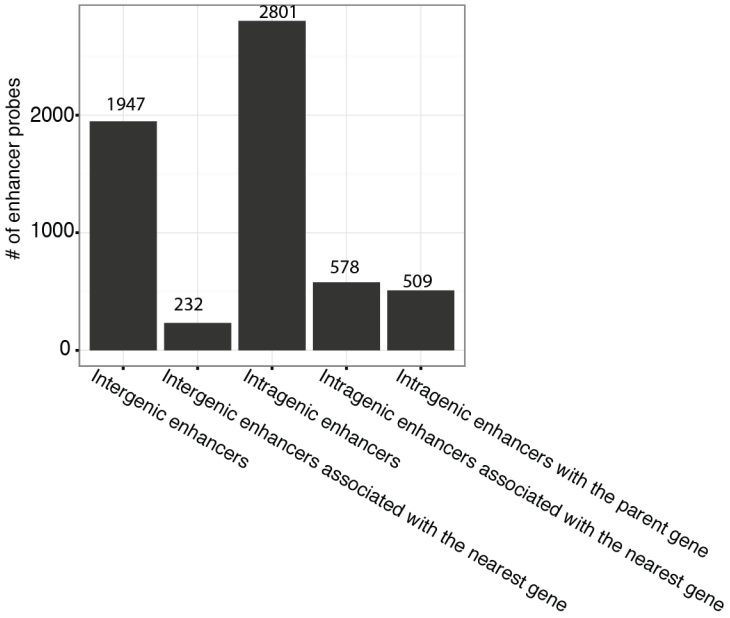

Yao Additional file 12