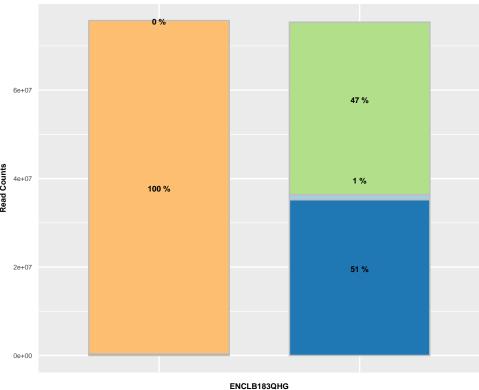Valid Pairs – duplicates and contact ranges