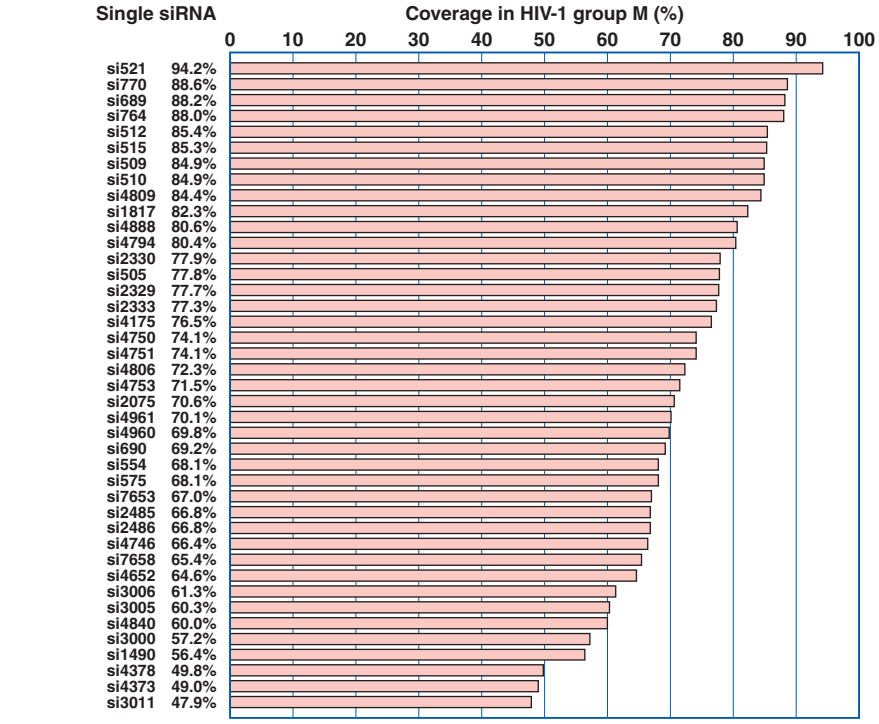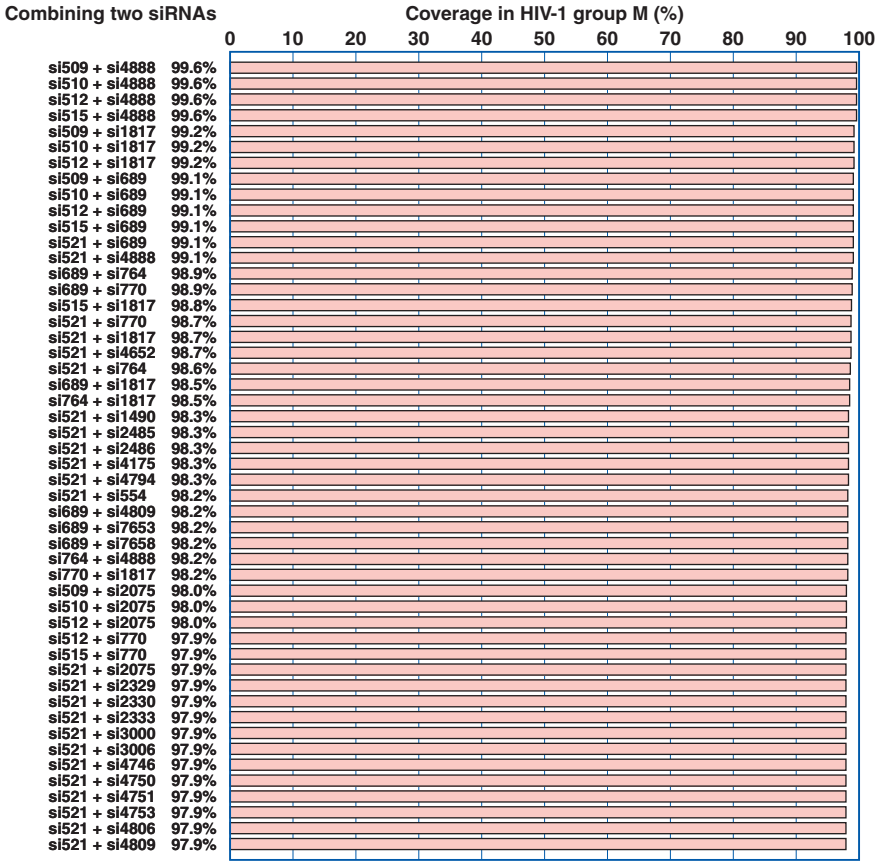Additional file 7 (Naito, Y. *et al.*)