



S4 Fig. Detection power of allele-discriminating priming system (ADPS) Smart DNA Polymerase for seven epidermal growth factor receptor (*EGFR*) mutation groups using plasmid template. Plasmid DNA harboring wild-type or mutant sequence of the *EGFR* genes (30,000-3 copies) was used as templates. Target mutations were *EGFR* S768I (c.2303G>T), *EGFR* Ex19Del (c.2235_2249del), *EGFR* L861Q (c.2582T>A), *EGFR* Ex20Ins (c.2300_2308dup), *EGFR* L858R (c.2573T>G), *EGFR* T790M (c.2369C>T), and *EGFR* G719S (c.2155G>A). ΔR_n , difference of R_n (fluorescence signal of reporter probe normalized to that of reference dye) between the experimental versus baseline signal; MT, mutant; WT, wild-type.