QV_pred very low: <= 17   low: >17, <= 23   mid: >23, <=33   high: >33
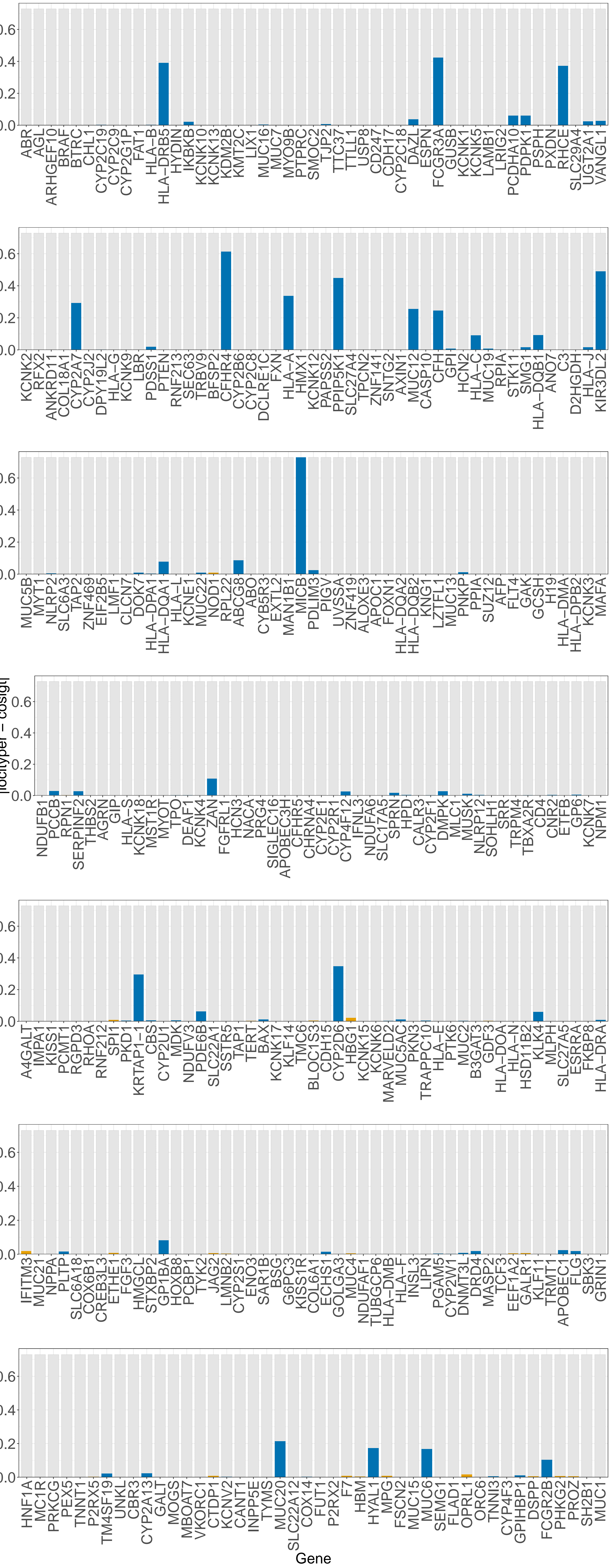
Performance   locityper better   cosigt better