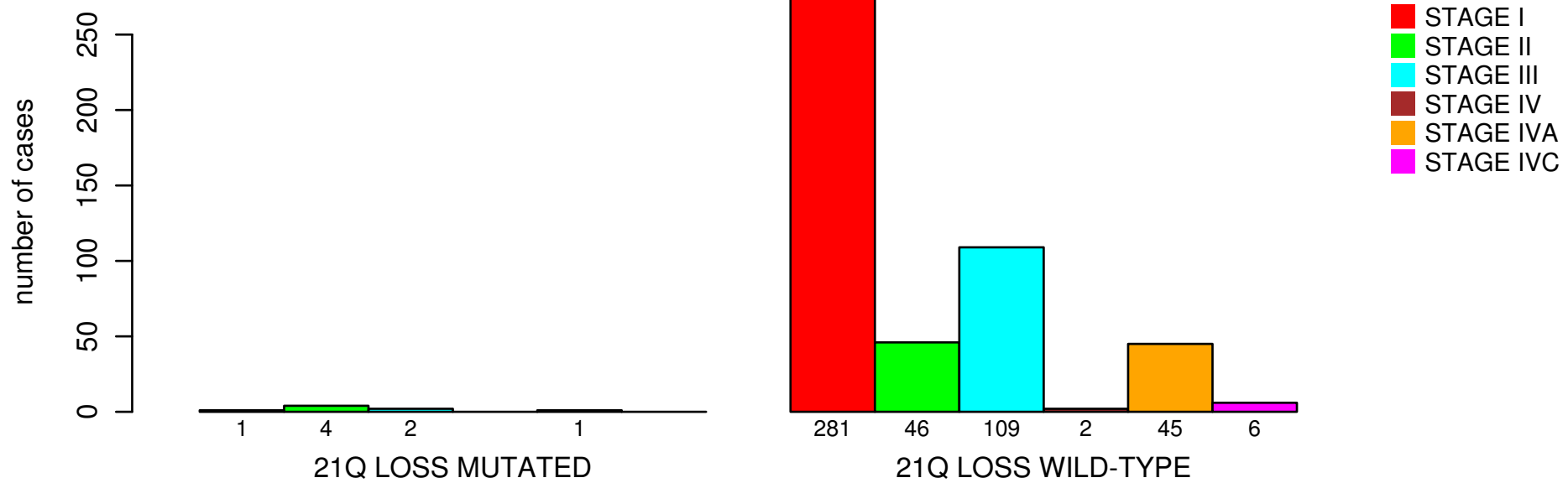PATHOLOGIC_STAGE