345 *de novo* glioblastoma patients without IDH 1/2 mutation were included

Three emergency patients without assessable preoperative MRI

Five patients' MRI demonstrated dissemination before tumor resection

Five patients refused Stupp postoperative protocol

unavailable PSQ data of MGMT promoter in 6 patients

Two patients died of perioperative complications

Two patient suffered visceral carcinoma at the same time

Ten patients were lost of follow-up

312 patients were finally analyzed in this study

Supporting FigS1.

The patients inclusion and exclusion criterion.