

**Table S6** Clinical information for GBM samples.

| <b>sample ID</b> | <b>stage</b> | <b>gender</b> | <b>age</b> |
|------------------|--------------|---------------|------------|
| <b>GBM57</b>     | IV           | female        | 52         |
| <b>GBM58</b>     | IV           | male          | 71         |
| <b>GBM66</b>     | IV           | male          | 81         |
| <b>GBM76</b>     | IV           | male          | 59         |