**Supplementary Table 2.** Published NSCLC cases carrying L718 mutation benefited from afatinib

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Authors | Year | Gender | Age | EGFR initial mutation (persistence at the progression to osimertinib) | p.T790M status at the progression to osimertinib | Resistance mechanism to osimertinib (abundance) | NGS sample type | PFS (months) | Best efficacy |
| Liu et al. 1 | 2019 | Female | 65 | L858R (Y) | Lost | *EGFR* L718Q (44%)、*BRAF* G466R (1%) | Cerebrospinal fluid | 4 | SD |
| Lee et al. 2 | 2019 | Female | 53 | L858R (Y) | Lost | *EGFR* L718Q (7%)、*PIK3CA* E545K (12.9%) | Tissue | 3 | PR |
| Fang et al. 3 | 2019 | Male | 45 | L858R (Y) | Lost | *EGFR* L718V (82.05%)、*EGFR* amplication | Tissue | 6+ | PR |
| Starrett et al. 4 | 2020 | Female | 62 | L858R (Y) | Lost | *EGFR* L718Q (73%)、*EGFR* L718V (3%) | Tissue | 4.5 | PR |
| Yang et al. 5 | 2020 | Female | 69 | L858R (Y) | Lost | *EGFR* L718Q (10.8%) | Pleural effusion | 4 | PR |

NSCLC, non-small cell lung cancer; Y, yes; PFS, progression-free survival; PR, partial response; SD, stable disease.

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