**Supplementary Table 2** The prediction binding domain between ELK1 and GPX4

| Gene name | Start | End  | Strand | Predicted sequence |
|-----------|-------|------|--------|-------------------|
| ELK1      | 1845  | 1854 | -      | ACCGGACGTG         |
| ELK1      | 1028  | 1037 | +      | GCCGGATGCG         |