| Graphlet | Edge Automorphism Positive | Edge Automorphism Negative | Graphlet | Edge Automorphism Positive | Edge Automorphism Negative |
|---|---|---|---|---|---|
| $G_0$ | $E_1$ | - | $G_{15}$ | $E_{30}$ | $E_{46}$ |
| $G_1$ | $E_2$ | $E_3$ | $G_{16}$ | $E_{31}, E_{32}, E_{33}$ | $E_{35}, E_{41}, E_{44}, E_{45}$ |
| $G_2$ | $E_3$ | - | $G_{17}$ | $E_{34}, E_{35}, E_{36}, E_{37}$ | $E_{49}, E_{52}, E_{54}$ |
| $G_3$ | $E_4, E_5$ | $E_7, E_9$ | $G_{18}$ | $E_{38}, E_{39}$ | $E_{57}$ |
| $G_4$ | $E_6$ | $E_8$ | $G_{19}$ | $E_{40}, E_{41}, E_{42}, E_{43}$ | $E_{51}, E_{55}, E_{60}$ |
| $G_5$ | $E_7$ | $E_{12}$ | $G_{20}$ | $E_{44}$ | $E_{50}, E_{59}$ |
| $G_6$ | $E_8, E_9, E_{10}$ | $E_{11}$ | $G_{21}$ | $E_{45}, E_{46}, E_{47}, E_{48}$ | $E_{56}, E_{58}$ |
| $G_7$ | $E_{11}, E_{12}$ | $E_{13}$ | $G_{22}$ | $E_{49}, E_{50}$ | $E_{64}$ |
| $G_8$ | $E_{13}$ | - | $G_{23}$ | $E_{51}, E_{52}, E_{53}$ | $E_{61}$ |
| $G_9$ | $E_{14}, E_{15}$ | $E_{21}, E_{24}, E_{30}, E_{32}$ | $G_{24}$ | $E_{54}, E_{55}, E_{56}, E_{57}$ | $E_{63}, E_{65}$ |
| $G_{10}$ | $E_{16}, E_{17}, E_{18}$ | $E_{20}, E_{23}, E_{28}, E_{31}$ | $G_{25}$ | $E_{58}, E_{59}, E_{60}$ | $E_{62}, E_{66}$ |
| $G_{11}$ | $E_{19}$ | $E_{27}$ | $G_{26}$ | $E_{61}, E_{62}, E_{63}, E_{64}$ | $E_{67}$ |
| $G_{12}$ | $E_{20}, E_{21}, E_{22}$ | $E_{36}, E_{40}, E_{48}$ | $G_{27}$ | $E_{65}, E_{66}$ | $E_{68}$ |
| $G_{13}$ | $E_{23}, E_{24}, E_{25}, E_{26}$ | $E_{39}, E_{42}, E_{47}$ | $G_{28}$ | $E_{67}, E_{68}$ | $E_{69}$ |
| $G_{14}$ | $E_{27}, E_{28}, E_{29}$ | $E_{34}, E_{38}$ | $G_{29}$ | $E_{69}$ | - |