

Table 2 List of three Cyprinidae species sampled for DNA extraction

| S. No | Species name | Sample code | Location |
|-------|-----------------------------------|----------------|-------------------------|
| 1 | <i>Cyprinus carpio communis</i> | Sc-1 to Sc-5 | River Jhelum, Srinagar |
| 2 | <i>Cyprinus carpio communis</i> | Sc-6 to Sc-10 | Telbal Nallah, Srinagar |
| 3 | <i>Cyprinus carpio communis</i> | Sc-11 to Sc-15 | Dal lake, Srinagar |
| 4 | <i>Cyprinus carpio communis</i> | Sc-16 to Sc-20 | Anchar lake, Srinagar |
| 5 | <i>Cyprinus carpio communis</i> | Sc-21 to Sc-25 | River Jhelum, Sopore |
| 6 | <i>Cyprinus carpio specularis</i> | Mc-1 to Mc-5 | River Jhelum, Srinagar |
| 7 | <i>Cyprinus carpio specularis</i> | Mc-6 to Mc-10 | Telbal Nallah, Srinagar |
| 8 | <i>Cyprinus carpio specularis</i> | Mc-11 to Mc-15 | Dal lake, Srinagar |
| 9 | <i>Cyprinus carpio specularis</i> | Mc-16 to Mc-20 | Anchar lake, Srinagar |
| 10 | <i>Cyprinus carpio specularis</i> | Mc-21 to Mc-25 | River Jhelum, Sopore |
| 11 | <i>Carassius carassius</i> | Cc-1 to Cc-5 | River Jhelum, Srinagar |
| 12 | <i>Carassius carassius</i> | Cc-6 to Cc-10 | Telbal Nallah, Srinagar |
| 13 | <i>Carassius carassius</i> | Cc-11 to Cc-15 | Dal lake, Srinagar |
| 14 | <i>Carassius carassius</i> | Cc-16 to Cc-20 | Anchar lake, Srinagar |
| 15 | <i>Carassius carassius</i> | Cc-21 to Cc-25 | River Jhelum, Sopore |