

```
graph TD; C[Check Valid Region] -- "<<extends>>" --> S[Store Coverage]; S -- "<<includes>>" --> F[Find Locations]; F -- "<<includes>>" --> P[Process Read]; P -- "" --> C;
```

The diagram illustrates the relationships between four use cases in a file coverage analysis system:

- Check Valid Region** (top) **<<extends>>** **Store Coverage** (second from top).
- Store Coverage** (second from top) **<<includes>>** **Find Locations** (third from top).
- Find Locations** (third from top) **<<includes>>** **Process Read** (bottom).
- Process Read** (bottom) has an unlabeled association back to **Check Valid Region** (top).

