

source code:
`filtered_fastq_dict[key] = fastq_dict[key]`

`fastq_dict`
Read

`fastq_dict[key]`
Read

`filtered_fastq_dict`
Read

`filtered_fastq_dict[key]`
Write

```
graph TD; A([source code:  
filtered_fastq_dict[key] = fastq_dict[key]]) --> B([fastq_dict  
Read]); B --> C([fastq_dict[key]  
Read]); B --> D([filtered_fastq_dict  
Read]); C --> E([filtered_fastq_dict[key]  
Write]); D --> E;
```

The diagram illustrates the control flow of the provided source code. It starts with a node representing the source code line. This node branches into two paths: one leading to a 'Read' node for 'fastq_dict' and another leading to a 'Read' node for 'filtered_fastq_dict'. The 'fastq_dict' path further branches into two 'Read' nodes: one for 'fastq_dict[key]' and another for 'filtered_fastq_dict'. Both of these 'Read' nodes then converge into a single 'Write' node for 'filtered_fastq_dict[key]'. All nodes are represented as ovals, and the flow is indicated by arrows.