

```
"path": [
 "name": "a",
 "mapping": [
    "position": {
     "node id": "1"
    },
    "edit": [
      "from length": 10,
      "to length": 10
    "rank": "1"
  },
    "position": {
     "node id": "6"
    },
    "edit": [
      "from length": 8,
      "to length": 8
    "rank": "2"
```

```
E
     "name": "z",
     "mapping_quality": 60,
     "score": 28,
     "path": {
      "mapping": [
         "position": {
          "node id": "1"
         },
         "edit": [
            "from_length": 4,
            "to length": 4
          },
            "from length": 1,
            "to length": 1,
            "sequence": "T"
            "from length": 5,
            "to length": 5
         "rank": "1"
        },...
```

```
B
 "node": [
   "sequence": "AGAAGGAGCT",
   "id": "1"
  },
   "sequence": "CTG",
   "id": "2"
  },
   "sequence": "T",
   "id": "3"
   "sequence": "C",
   "id": "4"
 },
   "sequence": "C",
   "id": "5"
  },
   "sequence": "CTTTGTCT",
   "id": "6"
 }
],
```

```
"edge": [
 "from": "1",
 "to": "2"
},
 "from": "1",
 "to": "6"
},
 "from": "2",
 "to": "4"
},
 "from": "2",
 "to": "3"
 "from": "3",
 "to": "5"
},
 "from": "4",
 "to": "5"
},
 "from": "5",
 "to": "6"
```

