

```
CALCULATE_DISTANCE(alignment)
```

```
align_length <- délka alignment.temporary_pair_align
```

```
seq01 <- alignment.temporary_pair_align1,konec
```

```
seq02 <- alignment.temporary_pair_align2,konec
```

```
match_cnt <- počet shod mezi proměnnými seq01 a seq02
```

```
match_cnt <- suma match_cnt
```

```
distance <- match_cnt/align_length
```

```
alignment.distance <- distance
```