```
entry:
 %pgocount = load i64, ptr getelementptr inbounds ([2 x i64], ptr
... @__profc_main, i32 0, i32 1), align 8
 %0 = add i64 %pgocount, 1
 store i64 %0, ptr getelementptr inbounds ([2 x i64], ptr @__profc_main, i32
... 0, i32 1), align 8
 br label %for.cond
```

```
for.cond:
 %s.0 = phi i32 [ 0, %entry ], [ %add2, %for.body ]
 %i.0 = phi i32 [ 3, %entry ], [ %inc, %for.body ]
 %cmp = icmp sle i32 %i.0, 5
 br i1 %cmp, label %for.body, label %for.end, !prof !36
```
| T | F |

```
for.body:
 %add2 = add nsw i32 4, %s.0
 %pgocount1 = load i64, ptr @__profc_main, align 8
 %1 = add i64 %pgocount1, 1
 store i64 %1, ptr @__profc_main, align 8
 %inc = add nsw i32 %i.0, 1
 br label %for.cond, !llvm.loop !37
```

```
for.end:
 ret i32 %s.0
```

CFG for 'main' function