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for.body28: ; preds = %for.cond26

%idxprom29 = sext i32 %i17.0 to i64, !dbg !1030

%arrayidx30 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom29, !dbg !1030

%idxprom31 = sext i32 %j21.0 to i64, !dbg !1030

%arrayidx32 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx30, i64 0, i64 %idxprom31, !dbg !1030

%idxprom33 = sext i32 %k25.0 to i64, !dbg !1030

%arrayidx34 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx32, i64 0, i64 %idxprom33, !dbg !1030

%0 = load i32, i32\* %arrayidx34, align 4, !dbg !1030

%add = add nsw i32 %0, 1, !dbg !1032

%idxprom35 = sext i32 %i17.0 to i64, !dbg !1033

%arrayidx36 = getelementptr inbounds [100 x [10 x [5 x i32]]], [100 x [10 x [5 x i32]]]\* %a, i64 0, i64 %idxprom35, !dbg !1033

%idxprom37 = sext i32 %j21.0 to i64, !dbg !1033

%arrayidx38 = getelementptr inbounds [10 x [5 x i32]], [10 x [5 x i32]]\* %arrayidx36, i64 0, i64 %idxprom37, !dbg !1033

%idxprom39 = sext i32 %k25.0 to i64, !dbg !1033

%arrayidx40 = getelementptr inbounds [5 x i32], [5 x i32]\* %arrayidx38, i64 0, i64 %idxprom39, !dbg !1033

store i32 %add, i32\* %arrayidx40, align 4, !dbg !1034

br label %for.inc41, !dbg !1035

[0/1]

for.inc41: ; preds = %for.body28

%inc42 = add nsw i32 %k25.0, 1, !dbg !1036

call void @llvm.dbg.value(metadata i32 %inc42, metadata !1021, metadata !DIExpression()), !dbg !1024

br label %for.cond26, !dbg !1037, !llvm.loop !1038

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for.cond26: ; preds = %for.inc41, %for.body24

%k25.0 = phi i32 [ 1, %for.body24 ], [ %inc42, %for.inc41 ], !dbg !1026

call void @llvm.dbg.value(metadata i32 %k25.0, metadata !1021, metadata !DIExpression()), !dbg !1024

%cmp27 = icmp slt i32 %k25.0, 5, !dbg !1028

br i1 %cmp27, label %for.body28, label %for.end43, !dbg !1029