Figure 1

```
CCGGGTAAAT GAGCGGCCGC GTTTAAACGG
CCGGGTAAAT GAGCGGCCGC GTTTAAACGG
..............................

CCGGGTAAAT GAGCGGCCGC GTTTAAACGG
 P  G  K  .
```

Figure 2

```
CCGGCTCGCG GTTGAGGACA AACTCTTCGC GGT
CCGGCTCGCG GTTGAGGACA AACTCTTCGC GGT
..................................

CCGGCTCGCG GTTGAGGACA AACTCTTCGC GGT
 P  A  R  G   .
```

Figure 3

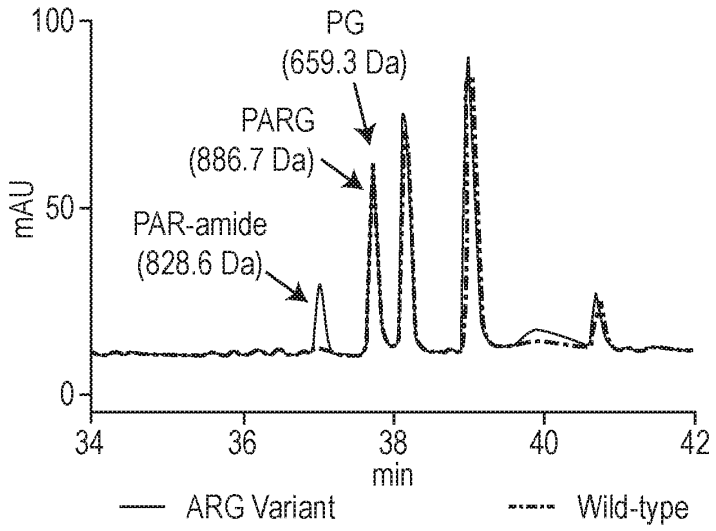


Figure 4

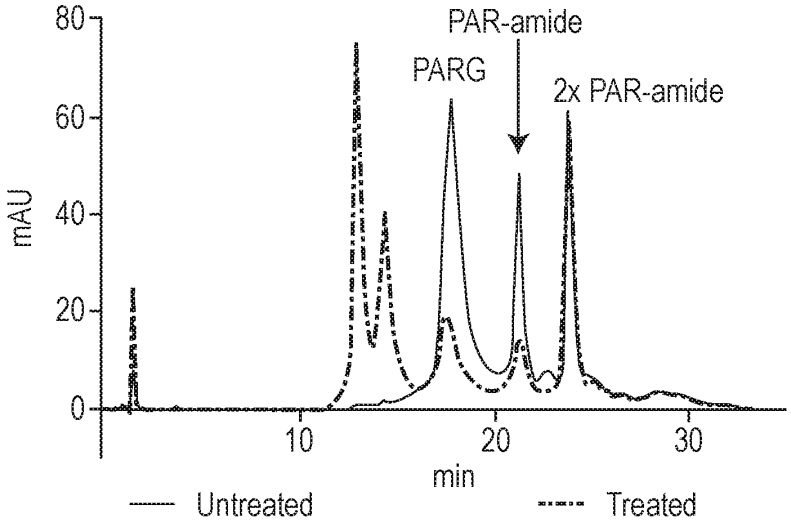


Figure 5

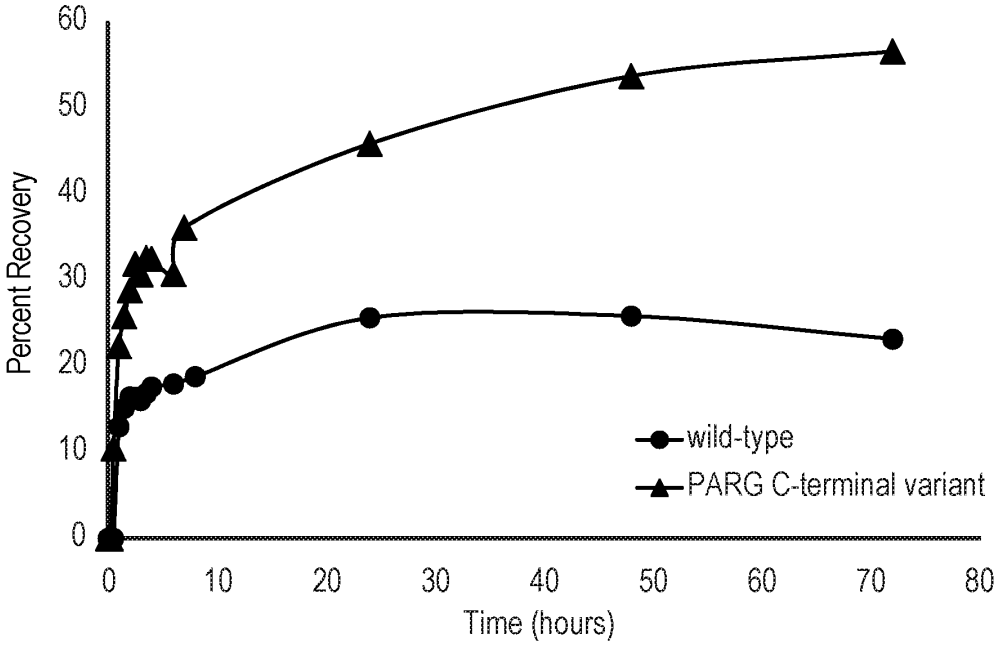


Figure 6

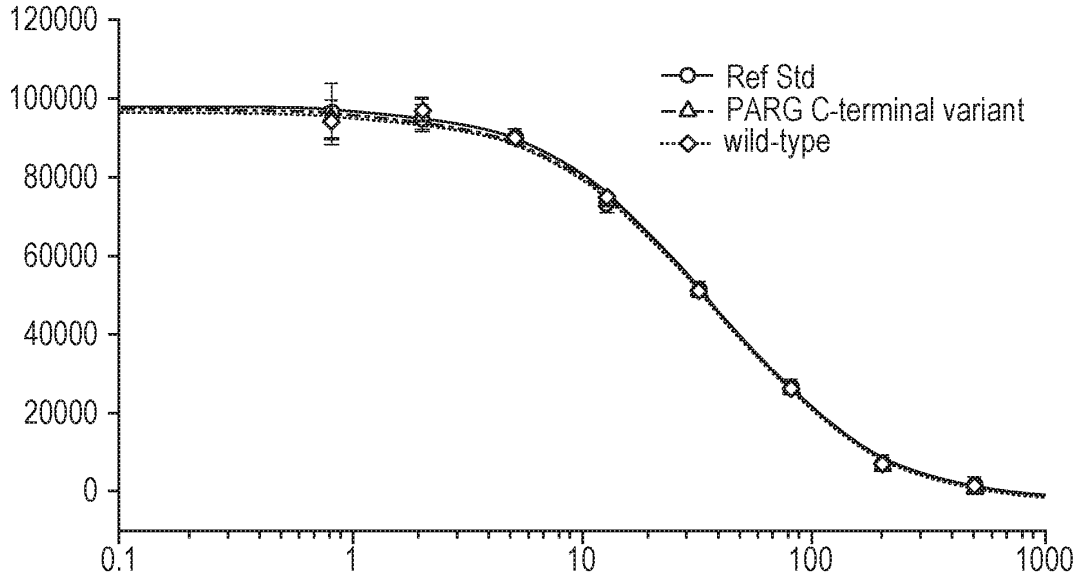
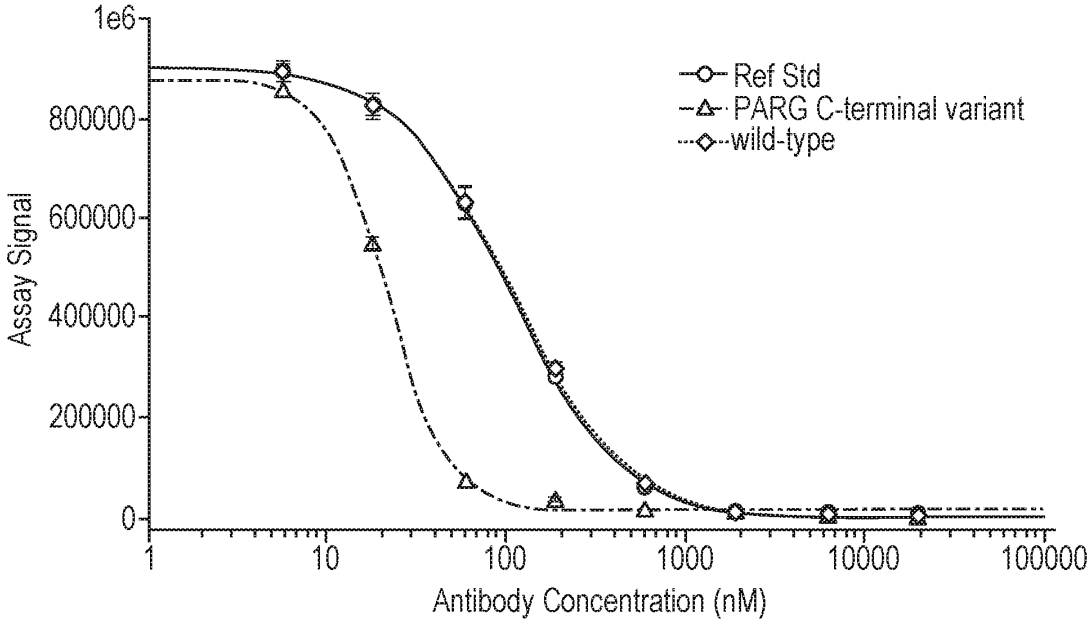


Figure 7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800000
600000
400000
200000
0
Assay Signal
1
10
100
1000
10000
100000
Antibody Concentration (nM)
Ref Std
PARG C-terminal variant
wild-type