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Counts for presorted array and Rev sorted array:

quick left presort:

10, 63true

100, 5148true

1000, 501498true

10000, 50014998true

quick left revsort:

10, 63true

100, 5148true

1000, 501498true

10000, 50014998true

I had a slight issue when it came to picking the right pivot until I realized that all I needed to do was move the pivot to the correct location in the array. The presorted array for quick sort takes awhile that is why typically you should always sort the input array before running the sort to insure quicker times.