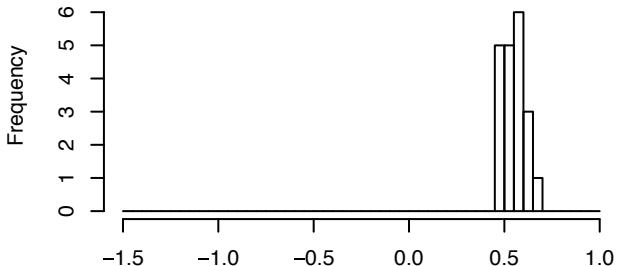
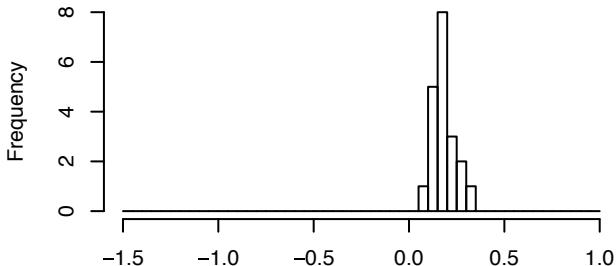


Fitness Distribution Observed

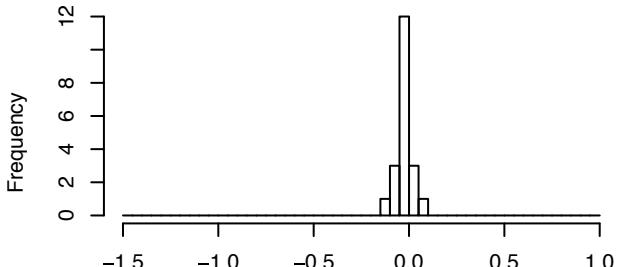
E103K



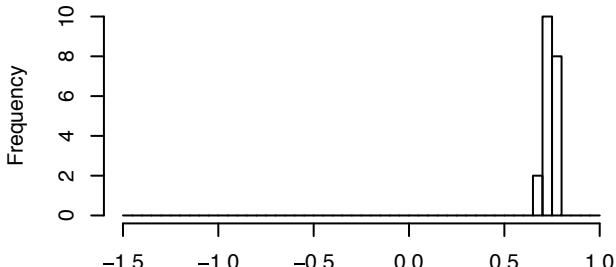
T118S



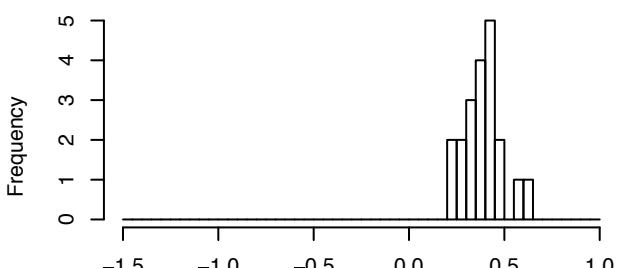
D161G



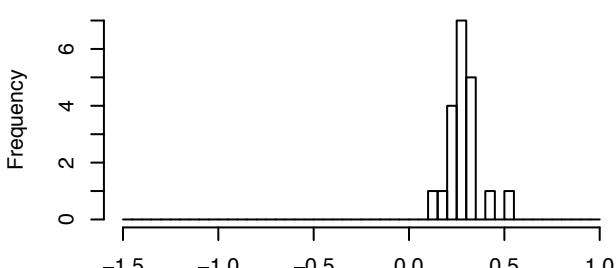
H162Q

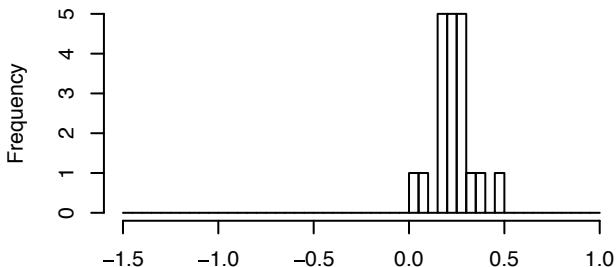
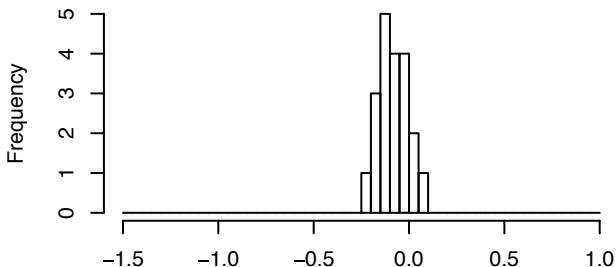
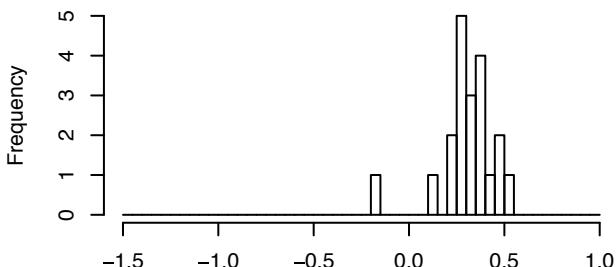
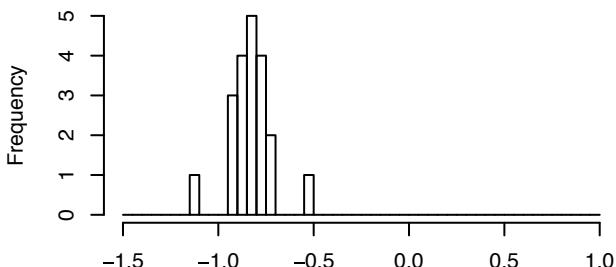
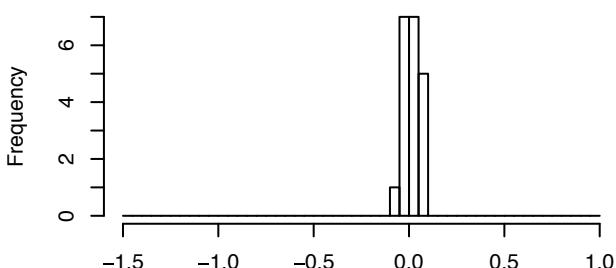


S173R



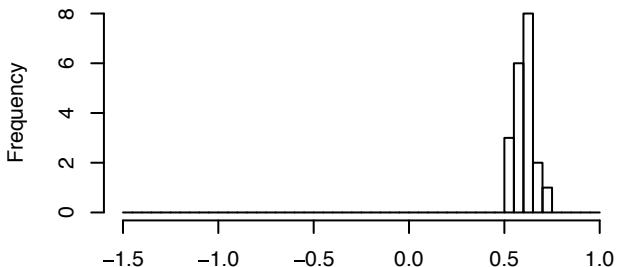
K219R



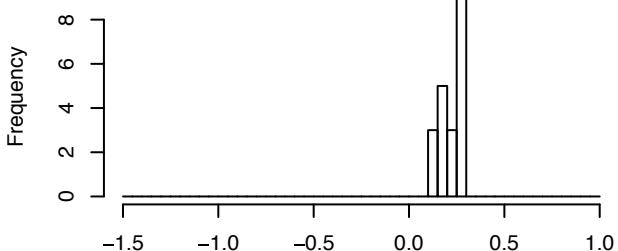
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Fitness Distribution Simulated

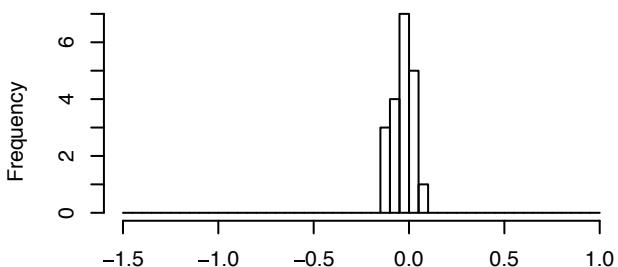
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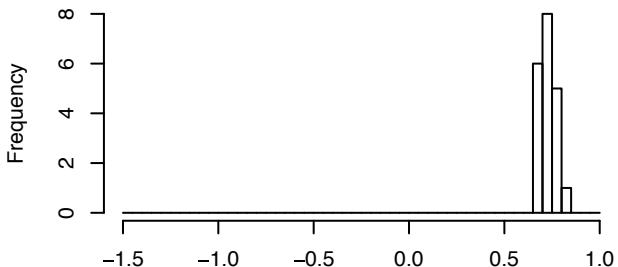
T118S



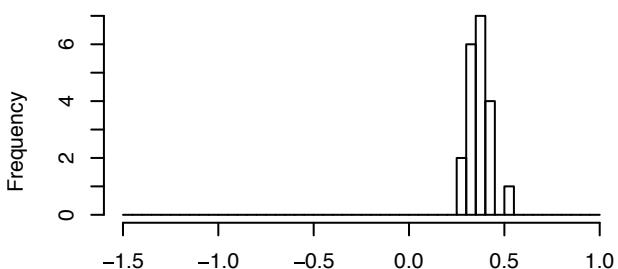
D161G



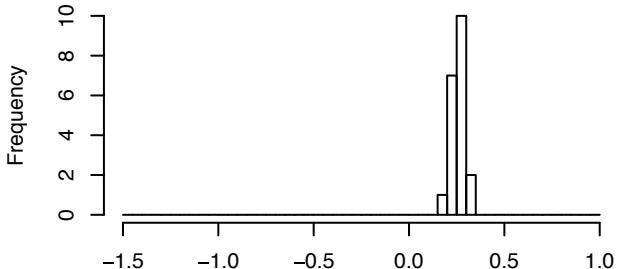
H162Q

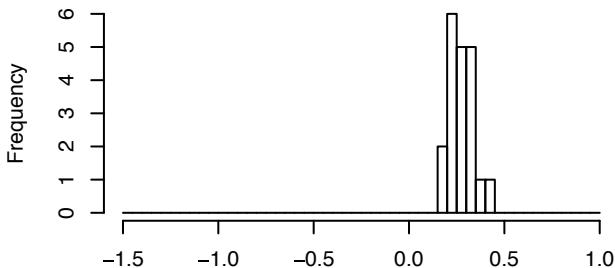
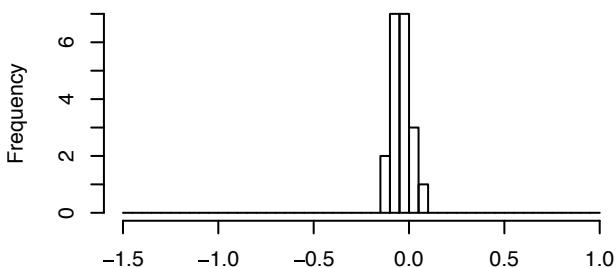
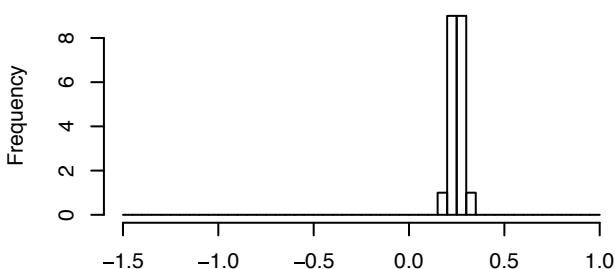
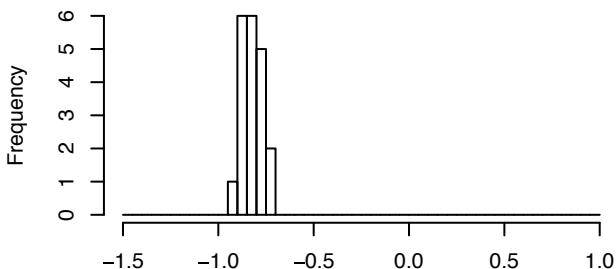


S173R



K219R



Y220N**D299E****V315A****A321G****A329T**