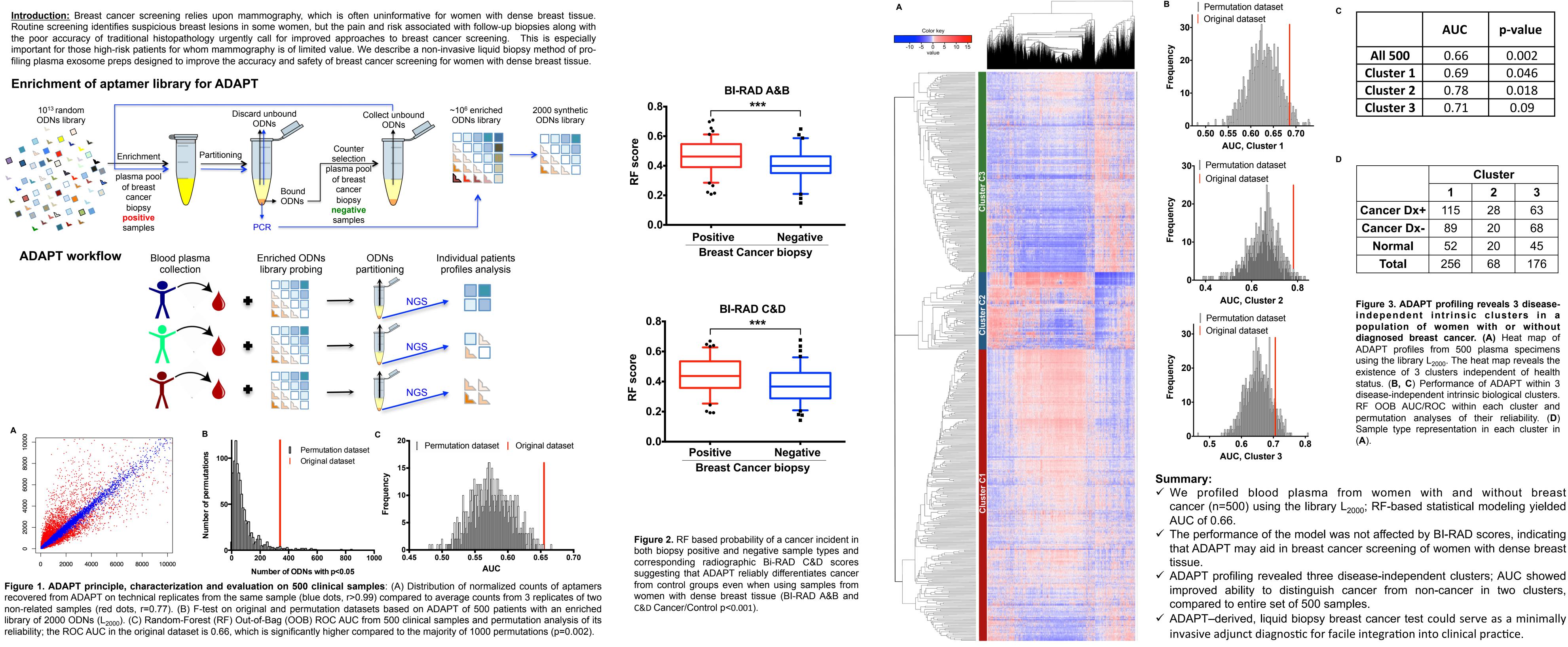


San Antonio Breast Cancer Symposium - December 8-12, 2015 Adaptive Dynamic Artificial Poly-ligand Targeting (ADAPT): aptamer-based profiling of liquid biopsies to improve the accuracy of breast cancer diagnoses in women with dense breast tissue

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AUC	p-value
0.66	0.002
0.69	0.046
0.78	0.018
0.71	0.09

	Cluster		
	1	2	3
(+	115	28	63
x-	89	20	68
	52	20	45
	256	68	176

Figure 3. ADAPT profiling reveals 3 diseaseindependent intrinsic clusters in a population of women with or without diagnosed breast cancer. (A) Heat map of ADAPT profiles from 500 plasma specimens using the library L_{2000} . The heat map reveals the existence of 3 clusters independent of health status. (**B**, **C**) Performance of ADAPT within 3 disease-independent intrinsic biological clusters. RF OOB AUC/ROC within each cluster and permutation analyses of their reliability. (D) Sample type representation in each cluster in