Dataset		#Bits				
		4	8	16	32	64*
Yale	Base	32.92 ± 7.19	57.98 ± 7.61	51.93 ± 9.34	52.14 ± 9.81	54.36 ± 7.33
	Log.	30.12 ± 7.31	54.11 ± 8.29	52.93 ± 7.97	53.74 ± 8.10	53.74 ± 8.36
TOX171	Base	64.32 ± 6.23	66.27 ± 3.75	65.11 ± 5.96	64.72 ± 5.91	71.52 ± 7.91
	Log.	66.68 ± 8.94	66.31 ± 9.61	64.17 ± 10.01	64.57 ± 10.06	64.57 ± 10.06
DLBC	Base	92.93 ± 4.86	94.26 ± 6.76	94.95 ± 6.90	94.95 ± 6.90	92.80 ± 8.31
	Log.	92.80 ± 8.31	95.71 ± 5.93	95.64 ± 8.12	96.40 ± 5.90	96.34 ± 8.10
Colon	Base	60.14 ± 12.65	74.62 ± 9.49	80.49 ± 9.12	79.93 ± 8.91	82.15 ± 9.08
	Log.	60.07 ± 8.36	76.25 ± 11.10	78.37 ± 9.69	78.37 ± 9.69	78.37 ± 10.40
humanActivity	Base	51.87 ± 1.10	68.78 ± 3.24	56.41 ± 1.62	56.29 ± 1.56	84.96 ± 1.32
	Log.	80.01 ± 8.87	70.89 ± 2.41	58.76 ± 3.97	58.92 ± 3.98	56.24 ± 1.61
Leukemia	Base	84.72 ± 10.89	93.06 ± 7.90	95.83 ± 4.81	95.83 ± 4.81	95.83 ± 4.81
	Log.	87.04 ± 8.19	91.67 ± 6.25	95.83 ± 3.61	96.30 ± 2.50	96.30 ± 3.26
SRBCT	Base	85.14 ± 8.01	92.40 ± 7.17	98.02 ± 5.55	98.02 ± 5.55	100.00 ± 0.00
	Log.	81.10 ± 8.53	91.61 ± 8.38	96.02 ± 3.76	96.02 ± 3.76	96.41 ± 3.57

Classification accuracy (%) and standard deviation for the base and logarithmic division versions of the mRMR method on high-dimensional datasets for 75-top selected features. Results for Naive-Bayes classifier.