

	a		b		c		d	
	all genes		all genes		all genes		all genes	
all areas	719/3,190 2.1%		39/94 41%	46/118 39%	49/184 27%		33/94 39%	
hematology	42/4,794 0.88%	35/2,409 1.5%	8/69 12%	15/103 15%	18/197 9.1%		8/69 12%	
metabolic	116/6,819 1.7%	94/3,594 2.6%	14/102 14%	16/96 17%	18/208 8.7%		14/102 14%	
respiratory	24/884 2.7%	23/480 4.8%	27/887 3%	22/539 4.1%	27/887 3%		27/887 3%	
endocrine	35/2,676 1.3%	31/1,327 2.3%	41/1,897 2.2%	41/1,200 3.4%	41/1,897 2.2%		41/1,897 2.2%	
infection	3/234 1.3%	3/138 2.2%	43/1,183 3.6%	44/726 6.1%	43/1,183 3.6%		43/1,183 3.6%	
congenital	87/4,488 1.9%	65/2,444 2.7%	18/1,153 1.6%	15/626 2.4%	18/1,153 1.6%		18/1,153 1.6%	
neurology	81/3,481 2.3%	70/1,911 3.7%	27/887 3%	22/539 4.1%	27/887 3%		27/887 3%	
cardiovascular	39/2,681 1.5%	37/1,436 2.6%	27/887 3%	22/539 4.1%	27/887 3%		27/887 3%	
oncology	295/4,304 6.9%	227/2,088 11%	43/1,183 3.6%	44/726 6.1%	43/1,183 3.6%		43/1,183 3.6%	
digestive	38/2,309 1.6%	30/1,252 2.4%	18/1,153 1.6%	15/626 2.4%	18/1,153 1.6%		18/1,153 1.6%	
psychiatry	40/2,382 1.7%	38/1,300 2.9%	27/887 3%	22/539 4.1%	27/887 3%		27/887 3%	
immune	66/2,406 2.7%	59/1,301 4.5%	43/1,183 3.6%	44/726 6.1%	43/1,183 3.6%		43/1,183 3.6%	
signs/symptoms	47/3,629 1.3%	41/1,897 2.2%	43/1,183 3.6%	44/726 6.1%	43/1,183 3.6%		43/1,183 3.6%	
dermatology	49/2,217 2.2%	43/1,183 3.6%	43/1,183 3.6%	44/726 6.1%	43/1,183 3.6%		43/1,183 3.6%	
ophthalmology	23/2,044 1.1%	18/1,153 1.6%	18/1,153 1.6%	15/626 2.4%	18/1,153 1.6%		18/1,153 1.6%	
musculoskeletal	30/1,620 1.9%	27/887 3%	27/887 3%	22/539 4.1%	27/887 3%		27/887 3%	
other	7/1,513 0.46%	6/761 0.79%	7/1,513 0.46%	6/761 0.79%	7/1,513 0.46%		7/1,513 0.46%	

