

Confusion matrix with uniform cost									Confusion matrix with cost sensitivity								
Human Expert		a	b	c	d	e	f	g		a	b	c	d	e	f	g	
	a	0	1	1	1	1	1	1	a	0	1	1	1	5	5	5	
	b	1	0	1	1	1	1	1	b	1	0	1	1	5	5	5	
	c	1	1	0	1	1	1	1	c	1	1	0	1	5	5	5	
	d	1	1	1	0	1	1	1	d	1	1	1	0	5	5	5	
	e	1	1	1	1	0	1	1	e	1	1	1	1	0	0.2	0.2	
	f	1	1	1	1	1	0	1	f	1	1	1	1	0.2	0	0.2	
	g	1	1	1	1	1	1	0	g	1	1	1	1	0.2	0.2	0	
	Classifier								Classifier								

Level 1 Category Key: a) Allergy b) Autoimmunity c) Infectious Disease d) Transplantation e) HIV f) Cancer g) Other

Additional file 2