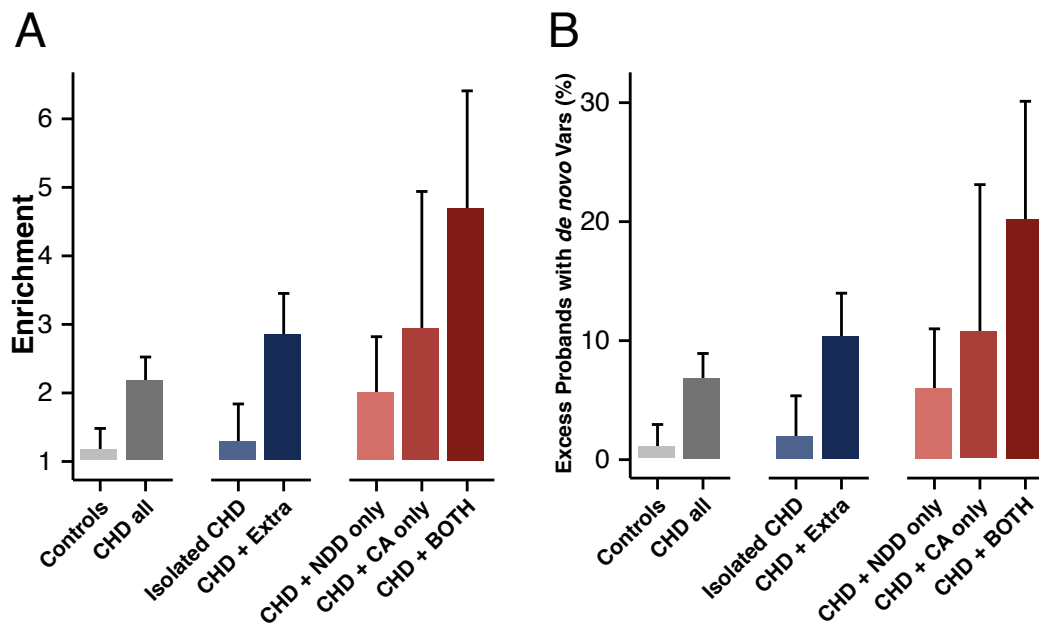


Figure 2



C

	Observed		Expected		Enrichment	p
	n	Rate	n	Rate		
Isolated CHD (356)						
Synonymous	17	0.05	30	0.09	0.6	1
Missense	83	0.23	69	0.19	1.2	0.052
D-Mis	17	0.05	12	0.03	1.4	0.097
LoF	11	0.03	10	0.03	1.1	0.43
Damaging	28	0.08	22	0.06	1.3	0.12
CHD + Extra (559)						
Synonymous	38	0.07	48	0.09	0.8	0.94
Missense	130	0.23	108	0.19	1.2	0.022
D-Mis	49	0.09	19	0.03	2.6	4.3x10⁻⁰⁹
LoF	49	0.09	16	0.03	3.1	2.2x10⁻¹¹
Damaging	98	0.18	35	0.06	2.8	1.1x10⁻¹⁸
CHD + NDD only (252)						
Synonymous	22	0.09	22	0.09	1.0	0.49
Missense	46	0.18	49	0.19	0.9	0.67
D-Mis	15	0.06	8	0.03	1.8	0.026
LoF	16	0.06	7	0.03	2.2	0.003
Damaging	31	0.12	16	0.06	2.0	0.00038
CHD + CA only (72)						
Synonymous	4	0.06	6	0.08	0.7	0.86
Missense	19	0.26	14	0.19	1.4	0.11
D-Mis	9	0.12	2	0.03	3.7	0.00089
LoF	4	0.06	2	0.03	2.0	0.15
Damaging	13	0.18	4	0.06	2.9	0.00074
CHD + Both (138)						
Synonymous	6	0.04	12	0.09	0.5	0.98
Missense	43	0.31	27	0.19	1.6	0.0022
D-Mis	17	0.12	5	0.03	3.7	7.4x10⁻⁰⁶
LoF	23	0.17	4	0.03	5.9	4.1x10⁻¹¹
Damaging	40	0.29	8	0.06	4.7	5.6x10⁻¹⁵