

Supplemental Table 1

SCREEN \ PROTEIN	Hampton Research Cryo Screen	Hampton Research Quik Screen & PEG/Lithium chloride screen	Hampton Research Ammonium sulfate screen & PEG 6000 screen	Hampton Research Sodium chloride screen & MPD screen	Hampton Research Crystal Screen I	Hampton Research Crystal Screen II	Emerald BioStructures Wizard screen I	Emerald BioStructures Wizard screen II	Hampton Research Crystal Screen Lite
Albumin	45		10, 14-17, 19-24, 41		2, 7, 11, 17, 18, 21, 27-30, 39, 43, 48	7, 10, 12, 13, 14, 26, 34, 43, 45	4, 7, 8, 17, 20, 27, 30, 37, 39, 45, 48	1, 4, 7, 15, 24, 41, 48	2, 10, 43
Chymotrypsin	31, 43		19, 20, 21, 24, 39-41	45	9, 10, 11, 17, 18, 31, 40, 41	19	1, 21, 22, 27, 31, 36, 41, 43	4, 7, 9, 32, 34, 41, 46, 47	4
Hemoglobin		1, 2, 5, 6, 7, 8, 10, 13, 14, 15, 26, 27	31	32	1, 2, 3, 7, 25, 29, 30, 43, 46, 48	2, 10, 12, 15, 26		25	5, 37
Lysozyme	11 17, 38, 40	2, 5, 7, 19, 21, 23, 25, 38, 43, 46	3, 4, 7, 9, 13, 19, 20, 25, 26, 31, 37, 43, 44, 47, 48	12, 23, 24, 30	1, 19, 22, 25, 29, 34, 35, 39	2, 3, 5, 7, 9, 13, 16, 17, 18, 20, 21, 25, 31, 32, 34, 35, 36, 38, 39, 40, 42, 43, 44, 45, 46, 48	7, 10, 11, 12, 16, 18, 19, 21, 24, 26, 27, 31, 33, 34, 37, 38, 39, 41, 47, 48	6, 20, 30	2, 4, 10, 12, 17, 22, 24, 29, 30, 36, 41, 43, 44, 46, 47, 48
Myoglobin	1	1, 7, 12, 20, 25, 29, 35, 36, 38, 39, 40, 41, 42, 46	3, 5, 6, 11, 14, 17, 18, 19, 20, 21, 22, 23, 24, 26, 34, 36, 40, 41	1, 7, 13, 19-21, 31	1, 2, 3, 6, 7, 9, 10, 12, 14, 18, 21, 22, 23, 24?, 25, 26, 28, 29, 30, 32, 33, 35, 38, 39, 41, 42, 43, 45, 48	1, 31	21, 43, 46		1, 10, 14, 23, 24?, 29?, 30, 32, 42, 45, 46, 48
Thaumatococin					2, 8, 11, 16-18, 20, 45	14, 23	17, 18, 31, 36, 38	31, 37, 39, 48	31
Catalase	1, 2, 19, 31, 37	16, 17, 22, 32, 33, 35, 36, 41, 42	1, 2, 7, 8, 13, 14, 15, 25, 31, 32, 33, 36, 37, 38, 39, 40, 41, 42		3, 5, 16, 19, 22, 39	38, 45	8, 9, 15, 25, 29, 38, 46	3, 7, 31	2, 37, 38, 43, 44
Ferritin	17, 27, 32, 42, 47	12, 14, 16, 17, 18, 22, 24, 28-30, 34-36, 40-42, 49, 50	6, 8, 10, 11, 12, 14, 20, 26, 32, 33, 35, 36, 41	18, 27, 28, 29, 45, 47, 48	1, 4, 9, 16, 32, 33, 35, 42, 48	1, 5, 15, 20, 22, 23, 25, 27, 39, 43	8, 28-30, 38, 39, 44-46	1, 4, 7, 8, 9, 16, 19, 20, 21, 27, 30, 36, 37, 39, 41, 43, 44	
Apo-ferritin	1, 9, 10, 17, 18, 29, 32, 40, 48	19, 20, 21, 31-36	8, 25, 26, 31, 32, 41	44, 45	8, 9, 10, 11, 12, 17, 25, 27, 29, 32, 34, 39, 45, 48	5, 15, 25, 39, 42	4, 8, 10, 19, 20, 21, 24, 28, 29, 30, 33, 34, 36, 44, 45, 46	1, 4, 9, 11, 16, 18, 19, 20, 21, 24, 27, 30, 39, 40, 41, 43, 44, 45, 46	9, 10, 17, 22, 30, 32, 37, 38, 40, 41, 42, 43, 45-47
Insulin	7, 10, 13, 25, 27-29, 42, 44, 46	20, 21, 24, 27, 30, 31, 33, 36, 38, 39, 40, 41, 45, 48	6, 7, 15, 16, 18, 21, 22, 24, 26, 27, 28, 29, 30, 31, 33-36, 39, 40, 41, 44, 45, 47, 48	6, 12, 18, 23-25, 31, 32	5, 7, 8, 9, 10, 18, 21, 22, 24, 25, 27, 29, 30, 31, 32, 33, 34, 36, 37, 39-44, 46, 48	1, 2, 3, 9, 11, 17, 35, 39	11, 19, 21, 25, 28, 33, 34, 37, 40, 46, 48	1, 3, 7, 8, 11, 13, 16, 30, 36, 43, 44, 46, 47	1, 2, 7, 10, 12, 13, 14, 15, 21, 23, 25, 41, 45, 46
43c9						1, 5, 13, 14, 23, 25, 26	6, 8, 9, 14, 17, 20, 21, 33, 36, 38, 41, 47	2, 3, 4, 7, 9, 39	28, 30, 31
FAAH		8, 25, 26, 45	7, 9, 10, 15, 16, 19, 27, 35, 45		3, 8, 11, 18	1, 8, 9, 11, 17, 22, 37	19, 33, 37, 43	13, 15, 43, 44, 45	4, 43
Glucose Isomerase	9, 10, 14, 18, 20, 21, 22, 23, 31, 32, 41, 42, 46	9, 10, 11, 17, 25, 32, 34	11, 19, 22, 31, 32	25, 31, 37, 38, 39, 41, 42, 43, 44, 45, 46, 47, 48	2, 3, 10, 14, 17, 18, 21, 22, 23, 24, 28, 29, 34, 39, 44, 45, 46	1, 2, 8, 9, 12, 18, 19, 20, 22, 25, 26, 27, 29, 34, 35, 37, 39, 42, 43, 45, 47	4, 10, 17, 19, 20, 28, 29, 30, 33, 34, 35, 38, 39, 40, 48		
Beta-Lactamase	5, 10, 42		19, 21, 22, 23, 24, 34, 41		22, 42, 46	1, 2, 5, 25, 26, 30, 38	1, 4, 17, 20, 33	3, 4, 7, 9, 16, 18, 24, 25, 31, 34, 46, 47	30, 31, 45, 48
Lactose Permease	6, 9, 10, 13, 14, 17, 22, 23, 28, 30, 31, 37	43-48	25, 34, 35, 36, 44-48		4, 12, 18, 26, 27, 36, 40, 41				
Melibiose Permease	23, 43				8, 47	2	5	12	13