

## Field Sample Responses

The Figure below is an alternative version of Figure 4 from the main text. Here, the actual response (thickness in Ångstroms) for each antigen is presented for chips treated with 18% field serum are reported relative to control. Color coding (blue = low to red = high) is scaled by antigen.

	Sample													
	A	B	C	D	E	F	G	H	I	J	K	L	M	
<b>Hemagglutinin</b>	<b>H1N1</b>	3.12	<b>8.14</b>	1.89	<b>7.65</b>	1.57	1.84	0.25	0.84	-0.27	0.58	0.25	1.21	-0.98
	<b>H1N9</b>	-0.50	<b>5.29</b>	-1.29	1.99	-2.91	-3.25	-0.78	<b>2.10</b>	1.36	-0.71	-0.78	<b>2.37</b>	-1.28
	<b>H2N2</b>	<b>5.68</b>	<b>5.56</b>	<b>1.10</b>	<b>8.24</b>	0.28	1.16	2.35	3.67	1.27	1.80	2.35	<b>4.43</b>	0.20
	<b>H3N2</b>	0.70	0.34	0.15	-0.66	-0.64	0.25	<b>1.08</b>	<b>1.38</b>	-0.13	0.38	<b>1.08</b>	<b>1.12</b>	-0.72
	<b>H4N6</b>	3.20	1.90	2.04	0.50	<b>10.64</b>	5.12	1.86	0.57	-0.44	0.50	1.86	<b>9.19</b>	-0.50
	<b>H5N1</b>	<b>1.86</b>	1.36	0.76	<b>2.89</b>	0.15	1.72	0.79	<b>1.93</b>	-0.32	0.21	0.79	0.53	-1.14
	<b>H5N8</b>	<b>6.17</b>	<b>6.33</b>	2.50	<b>7.81</b>	2.55	4.00	1.14	2.19	0.40	0.50	1.14	1.00	-0.79
	<b>H6N1</b>	<b>0.47</b>	0.27	<b>0.73</b>	-0.04	-0.62	0.22	0.24	0.30	-0.04	0.00	0.24	0.15	-1.31
	<b>H6N8</b>	0.33	<b>2.76</b>	-0.44	<b>1.48</b>	-1.43	-0.59	0.24	<b>2.32</b>	0.08	-0.19	0.24	<b>4.35</b>	-1.18
	<b>H7N9</b>	-0.20	-0.23	-0.14	-0.62	-1.22	-0.13	0.53	0.94	-0.49	0.30	0.53	<b>1.84</b>	0.50
	<b>H8N4</b>	1.10	<b>3.00</b>	-0.34	0.30	0.12	0.30	1.70	1.32	1.10	1.24	1.70	<b>5.15</b>	-0.96
	<b>H9N2</b>	-1.44	1.80	-2.30	-1.80	-2.08	-1.33	1.92	<b>2.32</b>	1.92	<b>2.39</b>	1.92	<b>3.20</b>	-0.19
	<b>H10N3</b>	<b>4.74</b>	<b>6.88</b>	2.37	<b>5.24</b>	1.74	0.39	<b>-0.78</b>	1.54	0.08	-0.20	<b>-0.78</b>	4.63	-0.20
	<b>H11N9</b>	0.47	4.91	0.17	<b>8.67</b>	-0.63	0.42	1.10	0.44	1.72	1.85	1.10	1.18	-0.87
	<b>H12N5</b>	2.32	<b>6.97</b>	1.14	1.07	0.86	1.80	2.06	1.42	<b>3.47</b>	2.44	2.06	<b>4.76</b>	-1.18

**S1 Fig**