

Supporting Information

Table S1 Fluorescence intensity changes to different kinds of MOF

MOF Fluorescence	CuSO ₄ 5H ₂ O	H ₂ dtoa -H ₂	H ₂ dtoa -Cu	H ₂ dtoa -Mn	H ₂ dtoa -Co	H ₂ dtoa -Ni	Fe -DBC	Cr -DBC	Mn -DBC
Io:(FAM-DNA)	850	862	875	870	854	865	856	840	868
Iq:(FAM-DNA +MOF)	50	788	565	720	709	524	767	900	785
Ir:(FAM-DNA +MOF+Exo I)	48	766	801	773	752	746	802	837	813
Io-Iq	800	74	310	150	145	341	89	-60	83
Ir-Iq	-2	-22	236	53	43	222	35	-63	28
Iq/Io	94.12%	8.85%	35.43%	17.24%	16.98%	39.42%	10.40%	-7.14%	9.56%

Table S2 Recovery of H₅N₁ antibody in 1% human serum

Sample	H ₅ N ₁ antibody add (nM)	Found (nM)	Recovery (%)
1	0	—	—
2	5	4.7	94
3	10	10.2	102
4	100	98.3	98.3