Object Matching Results

The catalogs were matched sequentially in the order listed. Selected object parameters were transferred to existing records and then new objects added.

Unless otherwise noted, only objects that matched within 2 arcseconds were retained.

Step	Catalog Matched	Catalog Objects	Objects Matched	Objects Added	GSC2 objects	Release
0	GAIA dr1	1,142,679,769	685,921,019	0	945,443,930	GSC 2.4.0
1	GAIA dr1	1,142,679,769	685,921,019	456,758,750	1,402,202,680	
2	APASS dr9	61,176,401	46,867,631	0	1,402,202,680	
3	UCAC5	107,758,513	107,758,513	0	1,402,202,680	
4	2MASS	496,911,362	449,162,648	47,748,714	1,449,951,394	
5	SDSS dr13	469,050,976	161,761,097	307,289,879	1,757,241,273	
6	VISTA VHS dr4	1,155,634,198	524,222,808	631,411,390	2,388,652,663	
7	VISTA VIKING dr2	46,270,162	5,820,583	40,449,939	2,429,102,602	
8	VST ATLAS dr3	105,132,174	49,708,717	55,423,457	2,484,526,059	
9	KIDS dr3	48,736,590	17,196,222	31,540,368	2,516,066,427	GSC 2.4.1
10	PanSTARRS dr1-best	1,919,106,885	1,162,502,316	756,604,569	3,272,670,996	
11	ALLWISE	747,634,026	577,692,464	169,941,562	3,442,612,558	
12	SkyMapper dr1	285,159,194	278,372,291	6,786,903	3,449,399,461	
13	GALEX AIS	82,992,086	45,629,534	37,376,932	3,486,776,393	
14	object duplication cleanup			-1,104,912	3,485,671,481	GSC 2.4.2

ⓘ GSC 2.4.1 was released at step 10 prior to matching PanSTARRS.