Table 2: Best Fit DecompIR Model Parameters, Luminosities, and AGN Fractions

Name	Host Galaxy Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
1RXSJ044154.5-082639	SB2	$10.39^{+0.03}_{-0.02}$	$10.05^{+0.08}_{-0.04}$	$10.12^{+0.06}_{-0.08}$	$0.54^{+0.05}_{-0.09}$
1RXSJ045205.0+493248	SB1	$10.50^{+0.02}_{-0.02}$	$10.10^{+0.03}_{-0.04}$	$10.28^{+0.05}_{-0.05}$	$0.60^{+0.04}_{-0.04}$
2E1739.1-1210	SB1	$10.89^{+0.02}_{-0.03}$	$10.43^{+0.04}_{-0.05}$	$10.71^{+0.04}_{-0.06}$	$0.65^{+0.04}_{-0.04}$
2MASSJ07594181-3843560	...	...	...	...	...
2MASSJ17485512-3254521	SB1	$9.47^{+0.03}_{-0.18}$	$9.15^{+0.07}_{-1.25}$	$9.19^{+0.07}_{-0.06}$	$0.52^{+0.43}_{-0.05}$
2MASXJ00253292+6821442	SB1	$9.68^{+0.02}_{-0.02}$	$9.01^{+0.04}_{-0.04}$	$9.58^{+0.03}_{-0.04}$	$0.79^{+0.02}_{-0.03}$
2MASXJ01064523+0638015	SB3	$10.48^{+0.04}_{-0.03}$	$9.69^{+0.07}_{-0.34}$	$10.40^{+0.08}_{-0.04}$	$0.84^{+0.09}_{-0.04}$
2MASXJ01073963-1139117	SB5	$10.90^{+0.02}_{-0.02}$	$10.70^{+0.02}_{-0.02}$	$10.47^{+0.05}_{-0.09}$	$0.37^{+0.03}_{-0.05}$
2MASXJ03305218+0538253	SB1	$10.81^{+0.02}_{-0.03}$	$9.70^{+0.18}_{-0.08}$	$10.78^{+0.03}_{-0.05}$	$0.92^{+0.01}_{-0.04}$
2MASXJ03342453-1513402	SB5	$10.65^{+0.02}_{-0.02}$	$10.53^{+0.02}_{-0.01}$	$10.04^{+0.07}_{-0.11}$	$0.24^{+0.03}_{-0.05}$
2MASXJ03502377-5018354	SB5	$10.43^{+0.02}_{-0.02}$	$10.39^{+0.02}_{-0.02}$	$9.39^{+0.12}_{-0.21}$	$0.09^{+0.03}_{-0.03}$
2MASXJ03534246+3714077	SB5	$10.17^{+0.02}_{-0.02}$	$10.09^{+0.04}_{-0.01}$	$9.40^{+0.07}_{-0.28}$	$0.17^{+0.03}_{-0.08}$
2MASXJ03540948+0249307	SB4	$10.42^{+0.03}_{-0.03}$	$9.68^{+0.12}_{-0.15}$	$10.33^{+0.05}_{-0.06}$	$0.82^{+0.06}_{-0.07}$
2MASXJ04234080+0408017	SB2	$10.94^{+0.03}_{-0.02}$	$10.60^{+0.02}_{-0.04}$	$10.67^{+0.07}_{-0.05}$	$0.54^{+0.06}_{-0.04}$
2MASXJ04440903+2813003	SB1	$10.01^{+0.02}_{-0.02}$	$9.95^{+0.02}_{-0.03}$	$9.15^{+0.10}_{-0.12}$	$0.14^{+0.04}_{-0.03}$
2MASXJ05020903+0331499	SB1	$9.26^{+0.03}_{-0.03}$	$8.97^{+0.05}_{-0.05}$	$8.94^{+0.05}_{-0.07}$	$0.48^{+0.05}_{-0.06}$
2MASXJ05054575-2351139	SB1	$10.43^{+0.02}_{-0.03}$	$9.65^{+0.06}_{-0.06}$	$10.35^{+0.03}_{-0.04}$	$0.83^{+0.02}_{-0.03}$
2MASXJ05580206-3820043	...	...	...	...	...
2MASXJ06411806+3249313	...	...	...	...	...
2MASXJ06561197-4919499	SB1	$10.79^{+0.02}_{-0.02}$	$9.63^{+0.08}_{-0.09}$	$10.75^{+0.03}_{-0.03}$	$0.93^{+0.01}_{-0.02}$
2MASXJ07262635-3554214	SB4	$10.99^{+0.03}_{-0.03}$	$10.37^{+0.03}_{-0.14}$	$10.87^{+0.06}_{-0.04}$	$0.76^{+0.07}_{-0.03}$
2MASXJ07595347+2323241	SB1	$10.97^{+0.10}_{-0.01}$	$10.89^{+0.16}_{-0.01}$	$10.19^{+0.06}_{-0.37}$	$0.17^{+0.02}_{-0.11}$
2MASXJ08032736+0841523	SB1	$10.04^{+-0.00}_{-0.15}$	$9.53^{+-0.02}_{-13.85}$	$9.87^{+0.07}_{-0.04}$	$0.69^{+0.31}_{--0.01}$
2MASXJ09023729-4813339	SB1	$10.23^{+0.03}_{-0.04}$	$9.56^{+0.13}_{-0.23}$	$10.12^{+0.05}_{-0.06}$	$0.78^{+0.09}_{-0.08}$
2MASXJ09043699+5536025	SB4	$10.17^{+0.02}_{-0.03}$	$10.05^{+0.02}_{-0.12}$	$9.56^{+0.22}_{-0.09}$	$0.25^{+0.17}_{-0.04}$
2MASXJ09235371-3141305	Arp220	$10.03^{+0.02}_{-0.04}$	$9.84^{+0.05}_{-0.02}$	$9.58^{+0.04}_{-0.21}$	$0.35^{+0.03}_{-0.12}$
2MASXJ09254750+6927532	SB1	$10.27^{+0.03}_{-0.04}$	$9.63^{+0.04}_{-0.05}$	$10.16^{+0.05}_{-0.05}$	$0.77^{+0.03}_{-0.03}$
2MASXJ09360622-6548336	SB1	$9.71^{+0.03}_{-0.14}$	$9.55^{+0.05}_{-0.28}$	$9.20^{+0.11}_{-0.07}$	$0.31^{+0.19}_{-0.04}$
2MASXJ09594263-3112581	SB1	$10.71^{+0.02}_{-0.03}$	$9.91^{+0.04}_{-0.04}$	$10.63^{+0.03}_{-0.04}$	$0.84^{+0.02}_{-0.02}$
2MASXJ10402231-4625264	SB2	$10.60^{+0.02}_{-0.02}$	$10.48^{+0.01}_{-0.05}$	$9.98^{+0.17}_{-0.08}$	$0.24^{+0.10}_{-0.03}$
2MASXJ11454045-1827149	SB5	$10.48^{+0.03}_{-0.04}$	$10.09^{+0.05}_{-0.02}$	$10.26^{+0.06}_{-0.09}$	$0.59^{+0.04}_{-0.07}$
2MASXJ12005792+0648226	SB1	$10.66^{+0.02}_{-0.02}$	$10.36^{+0.20}_{-0.01}$	$10.35^{+0.03}_{-0.32}$	$0.50^{+0.02}_{-0.27}$
2MASXJ12313717-4758019	SB2	$10.79^{+0.02}_{-0.02}$	$10.73^{+0.01}_{-0.02}$	$9.93^{+0.17}_{-0.15}$	$0.14^{+0.06}_{-0.04}$
2MASXJ12335145-2103448	SB2	$10.12^{+0.03}_{-0.02}$	$9.76^{+0.12}_{-0.02}$	$9.87^{+0.05}_{-0.09}$	$0.56^{+0.04}_{-0.11}$
2MASXJ12475784-5829599	SB1	$9.57^{+0.03}_{-0.10}$	$8.89^{+0.08}_{-inf}$	$9.47^{+0.05}_{-0.06}$	$0.79^{+0.21}_{-0.05}$
2MASXJ13411287-1438407	SB1	$10.48^{+0.04}_{-0.03}$	$9.93^{+0.04}_{-0.04}$	$10.34^{+0.06}_{-0.05}$	$0.72^{+0.04}_{-0.04}$
2MASXJ13512953-1813468	...	...	...	...	...
2MASXJ14080674-3023537	...	...	...	...	...
2MASXJ14530794+2554327	...	...	...	...	...
2MASXJ15064412+0351444	SB5	$9.70^{+0.03}_{-0.03}$	$9.62^{+0.04}_{-0.03}$	$8.92^{+0.08}_{-0.18}$	$0.16^{+0.03}_{-0.05}$
2MASXJ15115979-2119015	SB4	$11.36^{+0.02}_{-0.03}$	$11.23^{+0.01}_{-0.14}$	$10.78^{+0.16}_{-0.07}$	$0.26^{+0.15}_{-0.03}$
2MASXJ15462424+6929102	Arp220	$10.18^{+0.03}_{-0.03}$	$9.87^{+0.06}_{-0.02}$	$9.88^{+0.04}_{-0.08}$	$0.50^{+0.03}_{-0.08}$
2MASXJ16481523-3035037	SB2	$9.92^{+0.06}_{-0.03}$	$9.37^{+0.10}_{-0.01}$	$9.77^{+0.06}_{-0.06}$	$0.71^{+0.02}_{-0.07}$
2MASXJ18570768-7828212	SB1	$10.84^{+0.02}_{-0.02}$	$10.15^{+0.03}_{-0.03}$	$10.74^{+0.03}_{-0.03}$	$0.79^{+0.02}_{-0.02}$
2MASXJ19373299-0613046	SB5	$10.39^{+0.02}_{-0.03}$	$10.20^{+0.04}_{-0.01}$	$9.95^{+0.05}_{-0.16}$	$0.36^{+0.03}_{-0.09}$
2MASXJ19380437-5109497	SB1	$10.21^{+0.03}_{-0.03}$	$9.91^{+0.04}_{-0.04}$	$9.91^{+0.07}_{-0.07}$	$0.50^{+0.06}_{-0.05}$
2MASXJ20005575-1810274	SB1	$11.19^{+0.01}_{-0.11}$	$10.21^{+0.33}_{-0.01}$	$11.14^{+0.01}_{-0.20}$	$0.90^{+0.00}_{-0.17}$
2MASXJ20101740+4800214	SB1	$9.95^{+0.02}_{-0.02}$	$9.79^{+0.02}_{-0.03}$	$9.44^{+0.06}_{-0.08}$	$0.31^{+0.04}_{-0.04}$
2MASXJ20183871+4041003	...	...	...	...	...
2MASXJ21090996-0940147	SB1	$10.46^{+0.03}_{-0.03}$	$9.60^{+0.03}_{-0.04}$	$10.40^{+0.03}_{-0.03}$	$0.86^{+0.01}_{-0.01}$
2MASXJ21355399+4728217	SB1	$10.46^{+0.02}_{-0.03}$	$10.07^{+0.04}_{-0.03}$	$10.23^{+0.04}_{-0.05}$	$0.59^{+0.04}_{-0.05}$
2MASXJ23272195+1524375	SB1	$10.47^{+0.03}_{-0.03}$	$10.20^{+0.02}_{-0.02}$	$10.14^{+0.06}_{-0.07}$	$0.47^{+0.04}_{-0.04}$
2MASXiJ1802473-145454	SB2	$8.87^{+0.09}_{--0.00}$	$8.74^{+0.07}_{-0.01}$	$8.27^{+0.16}_{-0.02}$	$0.25^{+0.06}_{-0.02}$
2MFGC02280	SB2	$10.21^{+0.02}_{-0.01}$	$10.21^{+0.01}_{-0.02}$	< 8.21	< 0.01
3C111.0	SB1	$10.81^{+0.03}_{-0.02}$	$10.69^{+0.02}_{-0.02}$	$10.22^{+0.11}_{-0.14}$	$0.25^{+0.06}_{-0.06}$
3C120	SB3	$11.07^{+0.03}_{-0.03}$	$10.93^{+0.01}_{-0.02}$	$10.51^{+0.10}_{-0.12}$	$0.27^{+0.05}_{-0.06}$
4U1344-60	SB2	$10.37^{+0.03}_{-0.03}$	$10.03^{+0.04}_{-0.05}$	$10.10^{+0.06}_{-0.06}$	$0.54^{+0.05}_{-0.05}$

Table 2 – continued from previous page

Name	Host Galaxy Template Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
6dFJ0626586-370559	SB1	$10.45^{+0.02}_{-0.02}$	$10.17^{+0.02}_{-0.02}$	$10.14^{+0.04}_{-0.05}$	$0.48^{+0.03}_{-0.03}$
6dFJ2132022-334254	...	...	...	...	...
ARK241	SB1	$10.23^{+0.03}_{-0.03}$	$9.71^{+0.06}_{-0.09}$	$10.07^{+0.07}_{-0.07}$	$0.69^{+0.06}_{-0.07}$
ARK347	SB1	$10.30^{+0.02}_{-0.02}$	$9.73^{+0.02}_{-0.02}$	$10.16^{+0.03}_{-0.04}$	$0.73^{+0.02}_{-0.02}$
ARP102B	SB1	$9.88^{+0.03}_{-0.03}$	$9.05^{+0.06}_{-0.05}$	$9.81^{+0.03}_{-0.04}$	$0.85^{+0.02}_{-0.03}$
ARP151	...	...	...	...	...
AXJ1737.4-2907	SB3	$10.38^{+0.03}_{-0.04}$	$9.64^{+0.07}_{-0.18}$	$10.29^{+0.06}_{-0.05}$	$0.82^{+0.07}_{-0.04}$
Ark120	SB1	$10.90^{+0.02}_{-0.03}$	$10.42^{+0.02}_{-0.02}$	$10.73^{+0.04}_{-0.04}$	$0.67^{+0.03}_{-0.03}$
CGCG102-048	SB1	$9.62^{+0.03}_{-0.03}$	$9.42^{+0.05}_{-0.06}$	$9.18^{+0.07}_{-0.07}$	$0.37^{+0.06}_{-0.05}$
CGCG122-055	SB2	$10.30^{+0.04}_{-0.02}$	$10.03^{+0.01}_{-0.06}$	$9.96^{+0.11}_{-0.04}$	$0.46^{+0.09}_{-0.03}$
CGCG229-015	SB1	$10.06^{+0.03}_{-0.02}$	$9.69^{+0.02}_{-0.02}$	$9.81^{+0.05}_{-0.04}$	$0.57^{+0.03}_{-0.03}$
CGCG300-062	SB1	$10.02^{+0.02}_{-0.02}$	$9.86^{+0.02}_{-0.03}$	$9.52^{+0.07}_{-0.08}$	$0.32^{+0.05}_{-0.04}$
CGCG312-012	SB1	$9.64^{+0.02}_{-0.02}$	$9.39^{+0.03}_{-0.03}$	$9.27^{+0.06}_{-0.06}$	$0.43^{+0.04}_{-0.04}$
CGCG319-007	SB1	$10.78^{+0.02}_{-0.02}$	$10.40^{+0.02}_{-0.02}$	$10.55^{+0.04}_{-0.04}$	$0.59^{+0.03}_{-0.03}$
CGCG341-006	SB4	$11.12^{+0.03}_{-0.01}$	$11.04^{+0.01}_{-0.06}$	$10.33^{+0.31}_{-0.09}$	$0.16^{+0.15}_{-0.03}$
CGCG367-009	SB1	$9.67^{+0.03}_{-0.03}$	$9.02^{+0.10}_{-0.13}$	$9.57^{+0.05}_{-0.06}$	$0.78^{+0.06}_{-0.06}$
CGCG420-015	SB1	$10.86^{+0.02}_{-0.02}$	$10.03^{+0.03}_{-0.03}$	$10.79^{+0.03}_{-0.03}$	$0.85^{+0.01}_{-0.01}$
CGCG468-002NED01	SB5	$10.56^{+0.02}_{-0.02}$	$10.48^{+0.02}_{-0.02}$	$9.80^{+0.07}_{-0.14}$	$0.17^{+0.03}_{-0.04}$
CGCG493-002	SB5	$10.43^{+0.04}_{-0.03}$	$9.99^{+0.04}_{-0.29}$	$10.23^{+0.13}_{-0.06}$	$0.63^{+0.19}_{-0.06}$
CGCG535-012	SB1	$10.58^{+0.03}_{-0.03}$	$10.06^{+0.04}_{-0.05}$	$10.43^{+0.04}_{-0.05}$	$0.70^{+0.04}_{-0.04}$
CenA	SB1	$9.83^{+0.01}_{-0.01}$	$9.83^{+0.01}_{-0.01}$	< 7.83	< 0.01
ESO005-G004	SB1	$10.14^{+0.01}_{-0.01}$	$10.11^{+0.01}_{-0.01}$	$8.97^{+0.16}_{-0.16}$	$0.07^{+0.03}_{-0.02}$
ESO031-G008	SB1	$9.77^{+0.03}_{-0.03}$	$9.47^{+0.04}_{-0.05}$	$9.46^{+0.07}_{-0.08}$	$0.49^{+0.06}_{-0.06}$
ESO033-G002	SB1	$10.41^{+0.02}_{-0.02}$	$9.74^{+0.04}_{-0.04}$	$10.30^{+0.03}_{-0.04}$	$0.78^{+0.02}_{-0.03}$
ESO103-035	Arp220	$10.58^{+0.03}_{-0.02}$	$9.39^{+0.06}_{-0.05}$	$10.55^{+0.04}_{-0.03}$	$0.93^{+0.01}_{-0.01}$
ESO121-IG028	SB1	$10.19^{+0.03}_{-0.03}$	$9.98^{+0.03}_{-0.04}$	$9.78^{+0.07}_{-0.07}$	$0.39^{+0.05}_{-0.05}$
ESO137-34	SB1	$10.23^{+0.02}_{-0.02}$	$10.10^{+0.02}_{-0.02}$	$9.64^{+0.07}_{-0.08}$	$0.26^{+0.03}_{-0.03}$
ESO139-G012	SB1	$10.09^{+0.02}_{-0.02}$	$10.04^{+0.02}_{-0.02}$	$9.10^{+0.19}_{-0.23}$	$0.10^{+0.05}_{-0.04}$
ESO141-G055	SB1	$10.96^{+0.02}_{-0.03}$	$10.58^{+0.02}_{-0.02}$	$10.72^{+0.05}_{-0.05}$	$0.58^{+0.03}_{-0.04}$
ESO157-G023	SB1	$10.25^{+0.04}_{-0.02}$	$10.22^{+0.02}_{-0.03}$	< 9.71	< 0.26
ESO195-IG021NED03	SB1	$10.81^{+0.02}_{-0.02}$	$10.61^{+0.01}_{-0.01}$	$10.38^{+0.05}_{-0.05}$	$0.37^{+0.03}_{-0.03}$
ESO197-G027	SB1	$11.01^{+0.02}_{-0.02}$	$10.90^{+0.01}_{-0.01}$	$10.33^{+0.07}_{-0.09}$	$0.21^{+0.03}_{-0.03}$
ESO198-024	SB1	$10.41^{+0.03}_{-0.03}$	$9.63^{+0.05}_{-0.05}$	$10.34^{+0.04}_{-0.04}$	$0.83^{+0.02}_{-0.03}$
ESO209-G012	SB1	$11.19^{+0.02}_{-0.02}$	$10.92^{+0.02}_{-0.02}$	$10.86^{+0.04}_{-0.06}$	$0.47^{+0.03}_{-0.04}$
ESO244-IG030	SB5	$10.71^{+0.02}_{-0.01}$	$10.70^{+0.01}_{-0.01}$	$8.99^{+0.37}_{-0.34}$	$0.02^{+0.03}_{-0.01}$
ESO263-G013	SB4	$10.38^{+0.04}_{-0.03}$	$9.31^{+0.20}_{-0.27}$	$10.34^{+0.05}_{-0.06}$	$0.91^{+0.04}_{-0.06}$
ESO297-018	SB1	$10.56^{+0.02}_{-0.02}$	$10.47^{+0.01}_{-0.01}$	$9.80^{+0.09}_{-0.10}$	$0.18^{+0.03}_{-0.03}$
ESO323-077	SB2	$10.92^{+0.02}_{-0.02}$	$10.81^{+0.01}_{-0.01}$	$10.25^{+0.09}_{-0.11}$	$0.21^{+0.04}_{-0.04}$
ESO362-18	SB5	$10.19^{+0.02}_{-0.02}$	$9.99^{+0.01}_{-0.02}$	$9.77^{+0.06}_{-0.08}$	$0.38^{+0.04}_{-0.04}$
ESO374-G044	SB1	$10.40^{+0.03}_{-0.03}$	$9.98^{+0.04}_{-0.05}$	$10.20^{+0.06}_{-0.06}$	$0.62^{+0.05}_{-0.05}$
ESO383-18	SB1	$10.12^{+0.03}_{-0.03}$	$9.20^{+0.02}_{-0.02}$	$10.07^{+0.03}_{-0.03}$	$0.88^{+0.01}_{-0.01}$
ESO399-20	SB1	$10.50^{+0.02}_{-0.02}$	$10.33^{+0.01}_{-0.02}$	$9.99^{+0.06}_{-0.06}$	$0.31^{+0.03}_{-0.03}$
ESO417-G006	Arp220	$9.56^{+0.02}_{-0.02}$	$9.29^{+0.03}_{-0.03}$	$9.22^{+0.05}_{-0.06}$	$0.46^{+0.04}_{-0.04}$
ESO426-G002	SB1	$10.12^{+0.03}_{-0.03}$	$9.31^{+0.12}_{-0.19}$	$10.04^{+0.05}_{-0.06}$	$0.84^{+0.06}_{-0.06}$
ESO439-G009	SB1	$10.51^{+0.02}_{-0.02}$	$10.34^{+0.02}_{-0.02}$	$10.02^{+0.07}_{-0.07}$	$0.32^{+0.04}_{-0.04}$
ESO464-G016	SB5	$10.51^{+0.01}_{-0.02}$	$10.44^{+0.02}_{-0.01}$	$9.65^{+0.08}_{-0.14}$	$0.14^{+0.03}_{-0.04}$
ESO479-G031	SB5	$9.53^{+0.02}_{-0.05}$	$9.27^{+0.07}_{-0.14}$	$9.18^{+0.07}_{-0.12}$	$0.45^{+0.11}_{-0.09}$
ESO490-IG026	SB5	$10.88^{+0.02}_{-0.02}$	$10.64^{+0.02}_{-0.02}$	$10.51^{+0.05}_{-0.06}$	$0.43^{+0.03}_{-0.04}$
ESO499-G041	SB1	$9.83^{+0.02}_{-0.02}$	$9.55^{+0.02}_{-0.02}$	$9.51^{+0.05}_{-0.05}$	$0.48^{+0.03}_{-0.03}$
ESO506-G027	SB1	$10.54^{+0.03}_{-0.03}$	$10.30^{+0.02}_{-0.02}$	$10.16^{+0.07}_{-0.07}$	$0.42^{+0.04}_{-0.04}$
ESO509-G038	SB1	$10.38^{+0.02}_{-0.02}$	$9.98^{+0.02}_{-0.01}$	$10.16^{+0.04}_{-0.05}$	$0.60^{+0.02}_{-0.03}$
ESO509-IG066NED01	SB3	$10.86^{+0.02}_{-0.02}$	$10.82^{+0.01}_{-0.22}$	$9.83^{+0.70}_{-0.07}$	$0.09^{+0.37}_{-0.01}$
ESO511-G030	SB1	$10.49^{+0.02}_{-0.02}$	$10.46^{+0.02}_{-0.03}$	$9.31^{+0.16}_{-0.17}$	$0.07^{+0.03}_{-0.02}$
ESO533-G050	SB1	$10.01^{+0.02}_{-0.02}$	$10.01^{+0.02}_{-0.02}$	< 8.01	< 0.01
ESO548-G081	SB1	$10.21^{+0.02}_{-0.02}$	$9.88^{+0.02}_{-0.02}$	$9.93^{+0.04}_{-0.04}$	$0.53^{+0.03}_{-0.03}$
ESO549-G049	SB2	$11.09^{+0.01}_{-0.01}$	$11.09^{+0.01}_{-0.02}$	< 9.09	< 0.01
ESO553-G022	SB1	$10.22^{+0.03}_{-0.03}$	$10.11^{+0.04}_{-0.04}$	$9.55^{+0.09}_{-0.10}$	$0.22^{+0.05}_{-0.04}$
ESO553-G043	SB3	$10.07^{+0.03}_{-0.03}$	$9.20^{+0.14}_{-0.26}$	$10.00^{+0.05}_{-0.06}$	$0.86^{+0.06}_{-0.06}$
ESO565-G019	SB2	$10.50^{+0.14}_{-0.01}$	$10.47^{+0.10}_{-0.01}$	$9.32^{+0.47}_{-0.19}$	$0.07^{+0.08}_{-0.02}$

Table 2 – continued from previous page

Name	Host Galaxy Template Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
ESO578-G009	SB1	$10.51^{+0.02}_{-0.02}$	$10.43^{+0.02}_{-0.02}$	$9.76^{+0.09}_{-0.12}$	$0.17^{+0.04}_{-0.04}$
Fairall1146	SB5	$11.00^{+0.07}_{-0.02}$	$10.68^{+0.07}_{-0.20}$	$10.71^{+0.22}_{-0.09}$	$0.52^{+0.22}_{-0.08}$
Fairall272	SB5	$10.36^{+0.02}_{-0.02}$	$10.28^{+0.01}_{-0.01}$	$9.56^{+0.10}_{-0.12}$	$0.16^{+0.04}_{-0.04}$
Fairall49	SB4	$11.01^{+0.02}_{-0.03}$	$10.71^{+-0.00}_{-0.17}$	$10.72^{+0.13}_{-0.03}$	$0.51^{+0.16}_{-0.01}$
Fairall51	SB3	$10.52^{+0.04}_{-0.02}$	$10.28^{+0.02}_{-0.04}$	$10.14^{+0.12}_{-0.08}$	$0.42^{+0.09}_{-0.05}$
Fairall9	SB1	$11.24^{+0.02}_{-0.08}$	$10.24^{+0.34}_{-0.02}$	$11.19^{+0.03}_{-0.16}$	$0.90^{+0.01}_{-0.17}$
HB890241+622	SB3	$11.01^{+0.06}_{-0.03}$	$10.62^{+0.02}_{-0.04}$	$10.78^{+0.11}_{-0.07}$	$0.59^{+0.07}_{-0.04}$
IC0486	SB5	$10.68^{+0.01}_{-0.05}$	$10.56^{+0.02}_{-0.18}$	$10.07^{+0.22}_{-0.09}$	$0.25^{+0.20}_{-0.04}$
IC1657	SB1	$10.28^{+0.02}_{-0.01}$	$10.24^{+0.01}_{-0.01}$	$9.24^{+0.12}_{-0.12}$	$0.09^{+0.03}_{-0.02}$
IC1816	SB5	$10.50^{+0.02}_{-0.02}$	$10.39^{+0.01}_{-0.02}$	$9.86^{+0.08}_{-0.09}$	$0.23^{+0.04}_{-0.04}$
IC2461	SB1	$9.50^{+0.01}_{-0.01}$	$9.49^{+0.01}_{-0.01}$	$7.90^{+0.29}_{-0.25}$	$0.03^{+0.02}_{-0.01}$
IC2637	SB5	$11.04^{+0.02}_{-0.01}$	$11.02^{+0.03}_{-0.01}$	< 9.72	< 0.05
IC2921	SB1	$10.42^{+0.04}_{-0.04}$	$9.81^{+0.04}_{-0.05}$	$10.30^{+0.05}_{-0.05}$	$0.75^{+0.03}_{-0.03}$
IC4329A	SB1	$10.84^{+0.02}_{-0.02}$	$9.54^{+0.05}_{-0.05}$	$10.82^{+0.02}_{-0.03}$	$0.95^{+0.01}_{-0.01}$
IC4518A	SB5	$10.85^{+0.03}_{-0.01}$	$10.75^{+0.13}_{-0.01}$	< 10.25	< 0.24
IC4709	SB1	$10.15^{+0.02}_{-0.02}$	$9.84^{+0.02}_{-0.02}$	$9.86^{+0.05}_{-0.05}$	$0.52^{+0.03}_{-0.03}$
IC5063	SB1	$10.74^{+0.03}_{-0.03}$	$10.03^{+0.32}_{-0.02}$	$10.65^{+0.03}_{-0.13}$	$0.80^{+0.01}_{-0.21}$
IGRJ11366-6002	SB5	$10.11^{+0.02}_{-0.02}$	$10.02^{+0.02}_{-0.03}$	$9.36^{+0.11}_{-0.10}$	$0.18^{+0.05}_{-0.03}$
IGRJ23308+7120	SB1	$10.49^{+0.02}_{-0.02}$	$10.42^{+0.02}_{-0.02}$	$9.65^{+0.09}_{-0.09}$	$0.15^{+0.03}_{-0.03}$
IISZ010	SB1	$10.14^{+0.03}_{-0.03}$	$9.42^{+0.04}_{-0.04}$	$10.05^{+0.04}_{-0.04}$	$0.81^{+0.03}_{-0.03}$
IIZw083	SB1	$11.09^{+0.02}_{-0.02}$	$10.27^{+0.02}_{-0.03}$	$11.01^{+0.03}_{-0.03}$	$0.85^{+0.01}_{-0.01}$
IRAS03219+4031	Arp220	$11.16^{+0.02}_{-0.02}$	$11.10^{+0.02}_{-0.02}$	$10.31^{+0.06}_{-0.08}$	$0.14^{+0.02}_{-0.02}$
IRAS04124-0803	SB2	$11.04^{+0.03}_{-0.03}$	$10.33^{+0.02}_{-0.03}$	$10.94^{+0.04}_{-0.04}$	$0.81^{+0.02}_{-0.02}$
IRAS05078+1626	SB3	$10.58^{+0.03}_{-0.03}$	$10.05^{+0.05}_{-0.08}$	$10.43^{+0.06}_{-0.06}$	$0.70^{+0.06}_{-0.05}$
IRAS05218-1212	SB1	$11.05^{+0.02}_{-0.10}$	$9.94^{+0.35}_{-0.02}$	$11.02^{+0.02}_{-0.16}$	$0.92^{+0.01}_{-0.14}$
IRAS05589+2828	SB5	$11.02^{+0.03}_{-0.04}$	$10.38^{+0.07}_{-0.01}$	$10.91^{+0.03}_{-0.06}$	$0.77^{+0.01}_{-0.06}$
KAZ320	SB2	$10.56^{+0.03}_{-0.03}$	$10.11^{+0.02}_{-0.04}$	$10.37^{+0.05}_{-0.05}$	$0.65^{+0.04}_{-0.03}$
KUG1141+371	SB1	$9.95^{+0.03}_{-0.04}$	$9.47^{+0.07}_{-0.08}$	$9.78^{+0.05}_{-0.06}$	$0.67^{+0.05}_{-0.06}$
KUG1208+386	SB1	$10.09^{+0.02}_{-0.06}$	$9.13^{+0.38}_{-0.02}$	$10.04^{+0.02}_{-0.16}$	$0.89^{+0.01}_{-0.19}$
LCRSB034324.7-394349	SB1	$10.53^{+0.03}_{-0.03}$	$10.00^{+0.02}_{-0.03}$	$10.38^{+0.05}_{-0.05}$	$0.71^{+0.03}_{-0.03}$
LCRSB232242.2-384320	SB5	$10.71^{+0.01}_{-0.03}$	$10.69^{+0.01}_{-0.03}$	$9.35^{+0.35}_{-0.23}$	$0.04^{+0.05}_{-0.02}$
LEDA138501	SB5	$10.07^{+0.05}_{-0.05}$	$-1.62^{+-0.31}_{-inf}$	$10.07^{+0.05}_{-0.05}$	$1.00^{+0.00}_{--0.00}$
LEDA170194	SB1	$10.61^{+0.02}_{-0.02}$	$10.34^{+0.02}_{-0.02}$	$10.28^{+0.05}_{-0.06}$	$0.47^{+0.04}_{-0.04}$
LEDA214543	SB1	$10.10^{+0.03}_{-0.02}$	$9.87^{+0.02}_{-0.02}$	$9.72^{+0.07}_{-0.07}$	$0.41^{+0.04}_{-0.04}$
LEDA38038	Arp220	$11.07^{+0.03}_{-0.03}$	$10.65^{+0.03}_{-0.02}$	$10.86^{+0.04}_{-0.05}$	$0.62^{+0.03}_{-0.04}$
M106	SB1	$9.88^{+0.01}_{-0.01}$	$9.88^{+0.01}_{-0.01}$	< 7.88	< 0.01
MCG+00-09-042	Arp220	$11.01^{+0.01}_{-0.10}$	$10.97^{+0.01}_{-0.06}$	< 10.01	< 0.10
MCG+01-57-016	SB5	$10.59^{+0.02}_{-0.02}$	$10.37^{+0.03}_{-0.02}$	$10.18^{+0.06}_{-0.07}$	$0.39^{+0.04}_{-0.05}$
MCG+02-21-013	SB1	$10.71^{+0.02}_{-0.01}$	$10.68^{+0.01}_{-0.02}$	$9.54^{+0.16}_{-0.18}$	$0.07^{+0.03}_{-0.02}$
MCG+02-57-002	SB3	$10.44^{+0.02}_{-0.02}$	$10.39^{+0.01}_{-0.02}$	$9.43^{+0.21}_{-0.21}$	$0.10^{+0.05}_{-0.04}$
MCG+04-22-042	SB1	$10.19^{+0.05}_{-0.05}$	$9.99^{+0.03}_{-0.03}$	$9.77^{+0.15}_{-0.19}$	$0.38^{+0.09}_{-0.10}$
MCG+04-48-002	SB2	$10.90^{+0.01}_{-0.02}$	$10.90^{+0.01}_{-0.02}$	< 8.90	< 0.01
MCG+05-03-013	SB1	$10.81^{+0.02}_{-0.01}$	$10.78^{+0.02}_{-0.02}$	$9.62^{+0.18}_{-0.22}$	$0.07^{+0.03}_{-0.03}$
MCG+05-28-032	SB5	$10.43^{+0.02}_{-0.02}$	$10.33^{+0.02}_{-0.02}$	$9.71^{+0.08}_{-0.11}$	$0.19^{+0.04}_{-0.04}$
MCG+06-16-028	SB2	$10.55^{+0.03}_{-0.02}$	$10.34^{+0.02}_{-0.02}$	$10.13^{+0.06}_{-0.07}$	$0.38^{+0.04}_{-0.04}$
MCG+06-24-008	SB5	$10.51^{+0.01}_{-0.19}$	$10.51^{+0.01}_{-0.24}$	< 8.51	< 0.01
MCG+06-49-019	SB1	$9.82^{+0.02}_{-0.02}$	$9.70^{+0.02}_{-0.03}$	$9.19^{+0.09}_{-0.09}$	$0.24^{+0.05}_{-0.04}$
MCG+08-11-011	SB1	$11.08^{+0.02}_{-0.03}$	$10.56^{+0.02}_{-0.02}$	$10.92^{+0.04}_{-0.04}$	$0.69^{+0.02}_{-0.03}$
MCG+11-11-032	SB1	$10.18^{+0.02}_{-0.02}$	$9.98^{+0.02}_{-0.02}$	$9.75^{+0.07}_{-0.08}$	$0.37^{+0.05}_{-0.05}$
MCG+12-10-067	SB1	$10.87^{+0.02}_{-0.02}$	$10.74^{+0.02}_{-0.01}$	$10.29^{+0.07}_{-0.08}$	$0.26^{+0.03}_{-0.03}$
MCG-01-05-047	SB1	$10.70^{+0.01}_{-0.01}$	$10.68^{+0.01}_{-0.01}$	$9.47^{+0.17}_{-0.24}$	$0.06^{+0.03}_{-0.02}$
MCG-01-09-045	SB1	$9.21^{+0.02}_{-0.02}$	$9.19^{+0.02}_{-0.03}$	$7.92^{+0.21}_{-0.24}$	$0.05^{+0.03}_{-0.02}$
MCG-01-13-025	SB1	$9.44^{+0.03}_{-0.03}$	$8.88^{+0.06}_{-0.08}$	$9.30^{+0.05}_{-0.05}$	$0.73^{+0.05}_{-0.05}$
MCG-01-24-012	SB1	$10.32^{+0.02}_{-0.03}$	$10.05^{+0.02}_{-0.02}$	$9.98^{+0.06}_{-0.07}$	$0.46^{+0.04}_{-0.04}$
MCG-01-30-041	SB5	$10.43^{+0.01}_{-0.02}$	$10.36^{+0.03}_{-0.01}$	$9.63^{+0.07}_{-0.30}$	$0.16^{+0.02}_{-0.08}$
MCG-01-33-063	SB1	$10.29^{+0.02}_{-0.01}$	$10.29^{+0.01}_{-0.02}$	< 8.29	< 0.01
MCG-01-40-001	SB5	$10.75^{+0.02}_{-0.01}$	$10.71^{+0.01}_{-0.02}$	$9.64^{+0.14}_{-0.17}$	$0.08^{+0.03}_{-0.02}$
MCG-02-02-095	SB3	$9.42^{+0.03}_{-0.03}$	$9.01^{+0.06}_{-0.15}$	$9.21^{+0.08}_{-0.06}$	$0.61^{+0.11}_{-0.07}$
MCG-02-08-014	SB1	$9.90^{+0.02}_{-0.02}$	$9.64^{+0.02}_{-0.02}$	$9.54^{+0.05}_{-0.05}$	$0.44^{+0.04}_{-0.04}$

Table 2 – continued from previous page

Name	Host Galaxy Template Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
MCG-02-08-038	SB1	$10.20^{+0.03}_{-0.03}$	$9.86^{+0.03}_{-0.04}$	$9.93^{+0.06}_{-0.07}$	$0.54^{+0.05}_{-0.05}$
MCG-02-12-050	SB1	$10.75^{+0.02}_{-0.02}$	$10.66^{+0.02}_{-0.02}$	$10.02^{+0.08}_{-0.10}$	$0.19^{+0.03}_{-0.03}$
MCG-02-14-009	SB1	$10.49^{+0.03}_{-0.03}$	$10.17^{+0.03}_{-0.03}$	$10.21^{+0.06}_{-0.06}$	$0.52^{+0.04}_{-0.04}$
MCG-03-04-072	SB1	$10.47^{+0.03}_{-0.03}$	$10.10^{+0.02}_{-0.03}$	$10.24^{+0.06}_{-0.06}$	$0.58^{+0.04}_{-0.04}$
MCG-03-34-064	Arp220	$11.03^{+0.03}_{-0.02}$	$10.58^{+0.01}_{-0.02}$	$10.83^{+0.04}_{-0.04}$	$0.64^{+0.03}_{-0.03}$
MCG-05-23-016	Arp220	$10.17^{+0.03}_{-0.02}$	$8.82^{+0.05}_{-0.17}$	$10.15^{+0.04}_{-0.02}$	$0.96^{+0.02}_{-0.01}$
MCG-06-30-015	SB2	$9.89^{+0.02}_{-0.05}$	$9.10^{+0.15}_{-0.02}$	$9.81^{+0.02}_{-0.10}$	$0.84^{+0.01}_{-0.10}$
MCG-07-03-007	SB1	$10.42^{+0.02}_{-0.02}$	$9.91^{+0.02}_{-0.02}$	$10.25^{+0.03}_{-0.04}$	$0.69^{+0.02}_{-0.02}$
Mrk10	SB1	$10.69^{+0.02}_{-0.02}$	$10.64^{+0.02}_{-0.02}$	$9.77^{+0.12}_{-0.17}$	$0.12^{+0.03}_{-0.04}$
Mrk1018	SB1	$10.34^{+0.04}_{-0.04}$	$9.72^{+0.05}_{-0.05}$	$10.22^{+0.05}_{-0.06}$	$0.76^{+0.04}_{-0.04}$
Mrk1210	SB5	$10.47^{+0.02}_{-0.04}$	$9.71^{+0.07}_{-0.02}$	$10.39^{+0.02}_{-0.07}$	$0.83^{+0.01}_{-0.05}$
Mrk1310	SB1	$9.64^{+0.03}_{-0.03}$	$9.40^{+0.02}_{-0.03}$	$9.27^{+0.06}_{-0.06}$	$0.43^{+0.04}_{-0.04}$
Mrk1392	SB1	$10.70^{+0.03}_{-0.03}$	$10.42^{+0.02}_{-0.02}$	$10.38^{+0.06}_{-0.07}$	$0.48^{+0.04}_{-0.04}$
Mrk18	Arp220	$10.18^{+0.01}_{-0.01}$	$10.12^{+0.01}_{-0.01}$	$9.32^{+0.07}_{-0.08}$	$0.14^{+0.02}_{-0.02}$
Mrk198	SB2	$10.42^{+0.02}_{-0.02}$	$10.34^{+0.01}_{-0.02}$	$9.67^{+0.11}_{-0.11}$	$0.18^{+0.04}_{-0.04}$
Mrk202	SB1	$9.76^{+0.02}_{-0.03}$	$9.54^{+0.06}_{-0.01}$	$9.35^{+0.02}_{-0.18}$	$0.39^{+0.01}_{-0.12}$
Mrk279	SB5	$10.81^{+0.02}_{-0.04}$	$10.40^{+0.06}_{-0.01}$	$10.60^{+0.03}_{-0.09}$	$0.61^{+0.02}_{-0.08}$
Mrk290	SB1	$10.35^{+0.02}_{-0.02}$	$9.23^{+0.04}_{-0.04}$	$10.31^{+0.02}_{-0.03}$	$0.92^{+0.01}_{-0.01}$
Mrk3	...	...	...	...	...
Mrk335	SB1	$10.48^{+0.02}_{-0.02}$	$9.18^{+0.04}_{-0.04}$	$10.46^{+0.02}_{-0.02}$	$0.95^{+0.01}_{-0.01}$
Mrk348	SB1	$10.35^{+0.02}_{-0.03}$	$9.71^{+0.02}_{-0.03}$	$10.24^{+0.03}_{-0.04}$	$0.77^{+0.02}_{-0.02}$
Mrk352	SB1	$9.07^{+-0.01}_{-0.08}$	$8.67^{+0.14}_{--0.02}$	$8.84^{+-0.06}_{-0.29}$	$0.60^{+-0.05}_{-0.24}$
Mrk359	SB2	$10.36^{+0.05}_{-0.02}$	$10.19^{+0.14}_{-0.01}$	$9.88^{+0.05}_{-0.22}$	$0.33^{+0.03}_{-0.15}$
Mrk417	SB1	$10.31^{+0.02}_{-0.03}$	$9.27^{+0.05}_{-0.05}$	$10.27^{+0.03}_{-0.03}$	$0.91^{+0.01}_{-0.02}$
Mrk477	Arp220	$11.07^{+0.02}_{-0.02}$	$10.68^{+0.02}_{-0.02}$	$10.84^{+0.04}_{-0.04}$	$0.59^{+0.03}_{-0.03}$
Mrk50	SB1	$9.54^{+0.03}_{-0.04}$	$9.12^{+0.04}_{-0.05}$	$9.33^{+0.05}_{-0.06}$	$0.62^{+0.04}_{-0.05}$
Mrk509	SB2	$11.18^{+0.02}_{-0.04}$	$10.64^{+0.14}_{-0.01}$	$11.03^{+0.02}_{-0.12}$	$0.71^{+0.01}_{-0.14}$
Mrk590	SB1	$10.59^{+0.02}_{-0.02}$	$10.47^{+0.02}_{-0.02}$	$9.94^{+0.11}_{-0.13}$	$0.23^{+0.05}_{-0.05}$
Mrk595	SB1	$10.31^{+0.01}_{-0.03}$	$10.00^{+0.25}_{-0.01}$	$10.02^{+0.02}_{-0.72}$	$0.51^{+0.01}_{-0.41}$
Mrk6	SB1	$10.61^{+0.01}_{-0.10}$	$9.85^{+0.24}_{-0.01}$	$10.53^{+0.02}_{-0.22}$	$0.83^{+0.01}_{-0.20}$
Mrk618	SB2	$11.37^{+0.02}_{-0.02}$	$11.20^{+0.02}_{-0.02}$	$10.90^{+0.07}_{-0.08}$	$0.34^{+0.04}_{-0.05}$
Mrk653	SB1	$10.44^{+0.03}_{-0.03}$	$10.22^{+0.02}_{-0.03}$	$10.04^{+0.08}_{-0.09}$	$0.40^{+0.05}_{-0.05}$
Mrk704	SB1	$10.62^{+0.02}_{-0.02}$	$9.58^{+0.05}_{-0.06}$	$10.58^{+0.03}_{-0.03}$	$0.91^{+0.01}_{-0.01}$
Mrk728	SB2	$9.66^{+0.04}_{-0.03}$	$9.23^{+0.10}_{-0.07}$	$9.46^{+0.07}_{-0.08}$	$0.63^{+0.06}_{-0.09}$
Mrk739E	SB5	$10.94^{+0.02}_{-0.02}$	$10.88^{+0.01}_{-0.01}$	$10.06^{+0.10}_{-0.13}$	$0.13^{+0.03}_{-0.03}$
Mrk766	Arp220	$10.61^{+0.02}_{-0.02}$	$10.36^{+0.01}_{-0.01}$	$10.25^{+0.04}_{-0.05}$	$0.44^{+0.03}_{-0.03}$
Mrk79	SB1	$10.86^{+0.02}_{-0.03}$	$10.39^{+0.03}_{-0.03}$	$10.68^{+0.04}_{-0.04}$	$0.66^{+0.03}_{-0.03}$
Mrk817	SB4	$11.22^{+0.02}_{-0.03}$	$10.91^{+0.01}_{-0.15}$	$10.93^{+0.09}_{-0.05}$	$0.51^{+0.13}_{-0.03}$
Mrk841	SB2	$10.89^{+0.03}_{-0.03}$	$9.76^{+0.10}_{-0.26}$	$10.86^{+0.05}_{-0.04}$	$0.93^{+0.04}_{-0.02}$
Mrk885	SB1	$10.18^{+0.02}_{-0.02}$	$10.11^{+0.02}_{-0.02}$	$9.34^{+0.09}_{-0.11}$	$0.14^{+0.03}_{-0.03}$
Mrk926	SB5	$11.05^{+0.08}_{-0.02}$	$10.68^{+0.05}_{-0.21}$	$10.81^{+0.21}_{-0.08}$	$0.57^{+0.21}_{-0.07}$
Mrk975	SB5	$11.21^{+0.07}_{-0.02}$	$10.99^{+0.01}_{-0.29}$	$10.82^{+0.33}_{-0.06}$	$0.41^{+0.34}_{-0.04}$
NGC1052	SB1	$9.26^{+0.02}_{-0.03}$	$8.64^{+0.03}_{-0.03}$	$9.15^{+0.03}_{-0.04}$	$0.76^{+0.02}_{-0.03}$
NGC1106	SB1	$10.22^{+0.02}_{-0.02}$	$9.95^{+0.02}_{-0.02}$	$9.89^{+0.05}_{-0.05}$	$0.47^{+0.03}_{-0.03}$
NGC1125	SB4	$10.30^{+0.02}_{-0.02}$	$10.27^{+0.01}_{-0.10}$	$9.14^{+0.53}_{-0.21}$	$0.07^{+0.17}_{-0.03}$
NGC1194	SB1	$10.18^{+0.02}_{-0.03}$	$9.28^{+0.03}_{-0.03}$	$10.12^{+0.03}_{-0.03}$	$0.87^{+0.01}_{-0.01}$
NGC1365	SB5	$11.11^{+0.01}_{-0.01}$	$11.11^{+0.01}_{-0.01}$	< 9.11	< 0.01
NGC2110	SB2	$10.26^{+0.02}_{-0.02}$	$10.14^{+0.01}_{-0.01}$	$9.63^{+0.09}_{-0.10}$	$0.24^{+0.04}_{-0.04}$
NGC235A	SB2	$10.73^{+0.02}_{-0.01}$	$10.70^{+0.02}_{-0.02}$	$9.58^{+0.28}_{-0.26}$	$0.07^{+0.06}_{-0.03}$
NGC2655	SB1	$9.60^{+0.02}_{-0.02}$	$9.52^{+0.02}_{-0.02}$	$8.83^{+0.09}_{-0.10}$	$0.17^{+0.03}_{-0.03}$
NGC2885	SB1	$10.14^{+0.02}_{-0.02}$	$10.02^{+0.02}_{-0.02}$	$9.52^{+0.07}_{-0.09}$	$0.24^{+0.04}_{-0.04}$
NGC2992	SB5	$10.39^{+0.01}_{-0.02}$	$10.35^{+0.01}_{-0.01}$	$9.38^{+0.11}_{-0.19}$	$0.10^{+0.02}_{-0.03}$
NGC3035	SB1	$10.10^{+0.02}_{-0.01}$	$10.10^{+0.01}_{-0.02}$	< 8.10	< 0.01
NGC3079	SB5	$11.05^{+0.01}_{-0.01}$	$11.05^{+0.01}_{-0.01}$	< 9.05	< 0.01
NGC3081	SB1	$10.07^{+0.02}_{-0.02}$	$9.76^{+0.01}_{-0.01}$	$9.77^{+0.04}_{-0.05}$	$0.51^{+0.03}_{-0.03}$
NGC3227	SB1	$10.39^{+0.02}_{-0.02}$	$10.24^{+0.01}_{-0.01}$	$9.88^{+0.05}_{-0.06}$	$0.30^{+0.03}_{-0.03}$
NGC3281	SB2	$10.72^{+0.02}_{-0.03}$	$10.47^{+0.02}_{-0.01}$	$10.36^{+0.06}_{-0.07}$	$0.43^{+0.04}_{-0.04}$
NGC3393	SB1	$10.34^{+0.02}_{-0.02}$	$10.18^{+0.02}_{-0.02}$	$9.83^{+0.07}_{-0.07}$	$0.31^{+0.04}_{-0.04}$
NGC3431	SB1	$10.22^{+0.02}_{-0.02}$	$10.15^{+0.02}_{-0.02}$	$9.40^{+0.11}_{-0.11}$	$0.15^{+0.04}_{-0.03}$

Table 2 – continued from previous page

Name	Host Galaxy Template Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
NGC3516	Arp220	$10.07^{+0.03}_{-0.02}$	$9.61^{+0.03}_{-0.04}$	$9.89^{+0.06}_{-0.05}$	$0.66^{+0.04}_{-0.04}$
NGC3718	SB1	$8.96^{+0.02}_{-0.02}$	$8.93^{+0.02}_{-0.02}$	$7.84^{+0.17}_{-0.20}$	$0.08^{+0.04}_{-0.03}$
NGC3783	SB1	$10.42^{+0.02}_{-0.02}$	$9.91^{+0.02}_{-0.02}$	$10.26^{+0.03}_{-0.04}$	$0.69^{+0.02}_{-0.02}$
NGC3786	SB2	$9.95^{+0.03}_{-0.03}$	$9.93^{+0.03}_{-0.04}$	$8.63^{+0.33}_{-0.25}$	$0.05^{+0.05}_{-0.02}$
NGC4051	SB1	$10.19^{+0.02}_{-0.01}$	$10.13^{+0.01}_{-0.01}$	$9.29^{+0.10}_{-0.13}$	$0.12^{+0.03}_{-0.03}$
NGC4102	SB2	$10.52^{+0.14}_{-0.01}$	$10.52^{+0.09}_{-0.01}$	< 8.52	< 0.01
NGC4138	SB1	$9.17^{+0.02}_{-0.01}$	$9.15^{+0.02}_{-0.02}$	$7.90^{+0.18}_{-0.21}$	$0.05^{+0.03}_{-0.02}$
NGC4151	SB1	$9.72^{+0.02}_{-0.02}$	$9.09^{+0.02}_{-0.02}$	$9.61^{+0.03}_{-0.03}$	$0.77^{+0.02}_{-0.02}$
NGC4180	SB5	$10.17^{+0.01}_{-0.01}$	$10.17^{+0.01}_{-0.01}$	< 8.17	< 0.01
NGC4235	SB1	$9.21^{+0.02}_{-0.02}$	$9.05^{+0.02}_{-0.02}$	$8.68^{+0.08}_{-0.11}$	$0.30^{+0.05}_{-0.05}$
NGC424	SB1	$10.48^{+0.02}_{-0.02}$	$9.71^{+0.02}_{-0.02}$	$10.39^{+0.03}_{-0.03}$	$0.83^{+0.01}_{-0.02}$
NGC4388	SB5	$10.05^{+0.02}_{-0.02}$	$9.97^{+0.01}_{-0.01}$	$9.29^{+0.09}_{-0.13}$	$0.17^{+0.03}_{-0.04}$
NGC4507	SB5	$10.64^{+0.04}_{-0.02}$	$10.42^{+0.07}_{-0.22}$	$10.22^{+0.25}_{-0.13}$	$0.39^{+0.27}_{-0.09}$
NGC4619	SB1	$10.66^{+0.01}_{-0.01}$	$10.63^{+0.01}_{-0.01}$	$9.43^{+0.15}_{-0.17}$	$0.06^{+0.02}_{-0.02}$
NGC4748	SB5	$10.28^{+0.02}_{-0.03}$	$10.19^{+0.02}_{-0.12}$	$9.53^{+0.18}_{-0.12}$	$0.18^{+0.11}_{-0.04}$
NGC4939	SB1	$10.30^{+0.02}_{-0.02}$	$10.25^{+0.02}_{-0.02}$	$9.30^{+0.15}_{-0.17}$	$0.10^{+0.04}_{-0.03}$
NGC4941	SB1	$8.99^{+0.02}_{-0.02}$	$8.91^{+0.02}_{-0.02}$	$8.26^{+0.14}_{-0.18}$	$0.18^{+0.06}_{-0.06}$
NGC4992	SB1	$10.07^{+0.03}_{-0.03}$	$9.82^{+0.03}_{-0.04}$	$9.70^{+0.09}_{-0.10}$	$0.43^{+0.07}_{-0.07}$
NGC5033	SB1	$10.40^{+0.01}_{-0.01}$	$10.40^{+0.01}_{-0.01}$	< 8.40	< 0.01
NGC5106	SB5	$11.18^{+0.01}_{-0.01}$	$11.18^{+0.01}_{-0.01}$	< 9.18	< 0.01
NGC513	SB5	$10.71^{+0.02}_{-0.01}$	$10.70^{+0.03}_{-0.00}$	< 9.25	< 0.03
NGC5231	SB1	$10.32^{+0.02}_{-0.02}$	$10.25^{+0.02}_{-0.02}$	$9.51^{+0.09}_{-0.09}$	$0.15^{+0.03}_{-0.03}$
NGC5252	SB1	$10.25^{+0.03}_{-0.03}$	$9.84^{+0.03}_{-0.04}$	$10.04^{+0.05}_{-0.05}$	$0.61^{+0.04}_{-0.04}$
NGC526A	SB1	$9.99^{+0.03}_{-0.04}$	$9.35^{+0.04}_{-0.05}$	$9.87^{+0.05}_{-0.06}$	$0.77^{+0.03}_{-0.04}$
NGC5273	SB5	$8.73^{+0.01}_{-0.03}$	$8.64^{+0.03}_{-0.02}$	$8.01^{+0.06}_{-0.26}$	$0.19^{+0.02}_{-0.08}$
NGC5290	SB1	$9.97^{+0.02}_{-0.02}$	$9.96^{+0.02}_{-0.02}$	$8.38^{+0.31}_{-0.29}$	$0.03^{+0.03}_{-0.01}$
NGC5506	SB2	$10.16^{+0.03}_{-0.02}$	$9.84^{+0.01}_{-0.02}$	$9.88^{+0.06}_{-0.06}$	$0.52^{+0.04}_{-0.04}$
NGC5548	SB1	$10.51^{+0.02}_{-0.05}$	$9.97^{+0.19}_{-0.01}$	$10.36^{+0.03}_{-0.21}$	$0.71^{+0.02}_{-0.22}$
NGC5610	SB5	$10.88^{+0.01}_{-0.01}$	$10.85^{+0.01}_{-0.01}$	$9.64^{+0.18}_{-0.19}$	$0.06^{+0.03}_{-0.02}$
NGC5674	SB1	$10.81^{+0.01}_{-0.01}$	$10.76^{+0.01}_{-0.01}$	$9.78^{+0.11}_{-0.13}$	$0.09^{+0.02}_{-0.02}$
NGC5683	SB2	$10.07^{+0.04}_{-0.03}$	$9.50^{+0.16}_{-0.04}$	$9.93^{+0.05}_{-0.08}$	$0.73^{+0.03}_{-0.11}$
NGC5728	SB5	$10.24^{+0.01}_{-0.01}$	$10.23^{+0.01}_{-0.02}$	< 9.06	< 0.06
NGC5899	SB1	$10.54^{+0.01}_{-0.01}$	$10.52^{+0.01}_{-0.01}$	$9.34^{+0.17}_{-0.17}$	$0.06^{+0.03}_{-0.02}$
NGC5995	SB5	$11.22^{+0.02}_{-0.02}$	$11.07^{+0.01}_{-0.01}$	$10.66^{+0.07}_{-0.09}$	$0.28^{+0.04}_{-0.04}$
NGC6221	SB5	$10.62^{+0.01}_{-0.01}$	$10.59^{+0.01}_{-0.01}$	$9.50^{+0.16}_{-0.16}$	$0.08^{+0.03}_{-0.02}$
NGC6240	Arp220	$11.83^{+0.01}_{-0.01}$	$11.77^{+0.01}_{-0.01}$	$10.92^{+0.06}_{-0.08}$	$0.12^{+0.02}_{-0.02}$
NGC6300	SB1	$10.10^{+0.02}_{-0.02}$	$10.01^{+0.01}_{-0.01}$	$9.35^{+0.08}_{-0.10}$	$0.18^{+0.03}_{-0.03}$
NGC6552	SB4	$11.00^{+0.03}_{-0.01}$	$10.89^{+0.01}_{-0.05}$	$10.33^{+0.22}_{-0.06}$	$0.22^{+0.12}_{-0.03}$
NGC6814	SB1	$10.14^{+0.01}_{-0.01}$	$10.12^{+0.01}_{-0.01}$	$8.83^{+0.20}_{-0.20}$	$0.05^{+0.03}_{-0.02}$
NGC6860	SB1	$10.43^{+0.02}_{-0.02}$	$10.17^{+0.02}_{-0.02}$	$10.08^{+0.04}_{-0.06}$	$0.45^{+0.03}_{-0.04}$
NGC7172	SB5	$10.40^{+0.01}_{-0.03}$	$10.40^{+0.01}_{-0.03}$	< 8.40	< 0.01
NGC7213	SB1	$9.47^{+0.02}_{-0.02}$	$9.34^{+0.01}_{-0.01}$	$8.88^{+0.07}_{-0.09}$	$0.25^{+0.04}_{-0.04}$
NGC7465	SB5	$9.87^{+0.01}_{-0.01}$	$9.86^{+0.01}_{-0.01}$	< 8.65	< 0.06
NGC7469	SB4	$11.63^{+0.01}_{-0.11}$	$11.63^{+0.01}_{-0.12}$	< 9.63	< 0.01
NGC7479	SB1	$10.68^{+0.02}_{-0.02}$	$10.57^{+0.01}_{-0.01}$	$10.04^{+0.07}_{-0.07}$	$0.23^{+0.03}_{-0.03}$
NGC7582	SB2	$10.75^{+0.01}_{-0.01}$	$10.75^{+0.01}_{-0.01}$	< 8.75	< 0.01
NGC7603	SB1	$11.01^{+0.02}_{-0.02}$	$10.67^{+0.01}_{-0.02}$	$10.74^{+0.04}_{-0.04}$	$0.54^{+0.03}_{-0.03}$
NGC7679	SB2	$10.99^{+0.13}_{--0.00}$	$10.99^{+0.09}_{-0.01}$	$9.27^{+0.91}_{--0.15}$	$0.02^{+0.10}_{--0.01}$
NGC788	SB1	$10.05^{+0.02}_{-0.03}$	$9.39^{+0.02}_{-0.02}$	$9.94^{+0.03}_{-0.04}$	$0.78^{+0.02}_{-0.02}$
NGC931	SB1	$10.82^{+0.02}_{-0.02}$	$10.58^{+0.02}_{-0.02}$	$10.44^{+0.06}_{-0.07}$	$0.42^{+0.04}_{-0.04}$
NGC985	SB1	$11.33^{+0.02}_{-0.02}$	$10.90^{+0.02}_{-0.02}$	$11.13^{+0.04}_{-0.04}$	$0.63^{+0.02}_{-0.03}$
PG2304+042	...	...	...	...	...
PICTORA	SB1	$10.23^{+0.04}_{-0.03}$	$10.12^{+0.02}_{-0.02}$	$9.57^{+0.18}_{-0.19}$	$0.22^{+0.09}_{-0.07}$
PKS2331-240	SB1	$10.54^{+0.02}_{-0.03}$	$10.43^{+0.02}_{-0.02}$	$9.91^{+0.11}_{-0.14}$	$0.23^{+0.05}_{-0.05}$
SBS0915+556	Arp220	$10.48^{+0.03}_{-0.03}$	$9.30^{+0.34}_{-0.41}$	$10.45^{+0.04}_{-0.06}$	$0.93^{+0.04}_{-0.08}$
SBS1301+540	SB1	$9.74^{+0.03}_{-0.03}$	$9.45^{+0.03}_{-0.03}$	$9.43^{+0.06}_{-0.06}$	$0.49^{+0.04}_{-0.04}$
SDSSJ104326.47+110524.2	Arp220	$10.05^{+0.04}_{-0.04}$	$9.49^{+0.25}_{--0.01}$	$9.92^{+0.00}_{-0.14}$	$0.73^{+-0.01}_{-0.20}$
SWIFTJ212745.6+565636	...	...	...	...	...
UGC01479	SB5	$10.41^{+0.01}_{-0.02}$	$10.41^{+0.01}_{-0.02}$	< 8.41	< 0.01

Table 2 – continued from previous page

Name	Host Galaxy Template Template	log $L_{\rm IR}$ [$L_\odot$]	log $L_{\rm SF}$ [$L_\odot$]	log $L_{\rm AGN\,IR}$ [$L_\odot$]	$f_{\rm AGN,DecompIR}$
UGC03142	SB1	$10.55^{+0.02}_{-0.02}$	$10.44^{+0.02}_{-0.02}$	$9.90^{+0.07}_{-0.08}$	$0.22^{+0.03}_{-0.03}$
UGC03478	SB1	$10.25^{+0.02}_{-0.02}$	$10.16^{+0.01}_{-0.01}$	$9.51^{+0.08}_{-0.09}$	$0.18^{+0.03}_{-0.03}$
UGC03601	SB1	$9.87^{+0.02}_{-0.02}$	$9.65^{+0.02}_{-0.02}$	$9.46^{+0.05}_{-0.06}$	$0.39^{+0.03}_{-0.03}$
UGC03995A	SB1	$10.32^{+0.03}_{-0.03}$	$10.12^{+0.04}_{-0.05}$	$9.90^{+0.06}_{-0.07}$	$0.37^{+0.04}_{-0.04}$
UGC05881	SB5	$10.58^{+0.02}_{-0.02}$	$10.53^{+0.02}_{-0.01}$	$9.60^{+0.10}_{-0.15}$	$0.11^{+0.03}_{-0.03}$
UGC06728	SB1	$8.79^{+0.02}_{-0.05}$	$7.62^{+0.11}_{-0.59}$	$8.76^{+0.04}_{-0.06}$	$0.93^{+0.05}_{-0.03}$
UGC07064	SB5	$10.84^{+0.01}_{-0.05}$	$10.76^{+0.01}_{-0.16}$	$10.05^{+0.25}_{-0.10}$	$0.16^{+0.17}_{-0.03}$
UGC08327NED02	Arp220	$11.07^{+0.02}_{-0.02}$	$10.78^{+0.02}_{-0.02}$	$10.75^{+0.05}_{-0.05}$	$0.48^{+0.03}_{-0.03}$
UGC10593	SB1	$10.46^{+0.02}_{-0.02}$	$10.28^{+0.02}_{-0.02}$	$9.99^{+0.05}_{-0.06}$	$0.34^{+0.03}_{-0.04}$
UGC11185NED02	SB5	$10.63^{+0.02}_{-0.02}$	$10.52^{+0.02}_{-0.02}$	$9.96^{+0.06}_{-0.12}$	$0.21^{+0.03}_{-0.05}$
UGC12237	SB1	$10.47^{+0.02}_{-0.02}$	$10.41^{+0.02}_{-0.02}$	$9.63^{+0.10}_{-0.12}$	$0.14^{+0.03}_{-0.03}$
UGC12282	SB1	$10.44^{+0.01}_{-0.01}$	$10.41^{+0.01}_{-0.02}$	$9.28^{+0.15}_{-0.20}$	$0.07^{+0.03}_{-0.02}$
UGC12741	SB1	$9.91^{+0.02}_{-0.02}$	$9.87^{+0.02}_{-0.02}$	$8.89^{+0.12}_{-0.15}$	$0.09^{+0.03}_{-0.03}$
UM614	SB1	$10.03^{+0.04}_{-0.03}$	$9.19^{+0.06}_{-0.08}$	$9.96^{+0.05}_{-0.04}$	$0.86^{+0.03}_{-0.03}$
VIIZw073	Arp220	$11.27^{+0.02}_{-0.02}$	$11.14^{+0.01}_{-0.01}$	$10.68^{+0.05}_{-0.06}$	$0.26^{+0.03}_{-0.03}$
WKK1263	SB5	$10.48^{+0.02}_{-0.03}$	$10.21^{+0.05}_{-0.01}$	$10.15^{+0.04}_{-0.12}$	$0.47^{+0.03}_{-0.09}$
WKK4374	SB1	$9.95^{+0.01}_{-0.06}$	$9.54^{+0.03}_{-0.14}$	$9.74^{+0.05}_{-0.08}$	$0.61^{+0.09}_{-0.05}$
WKK4438	SB1	$10.27^{+0.02}_{-0.02}$	$9.99^{+0.03}_{-0.03}$	$9.96^{+0.05}_{-0.06}$	$0.48^{+0.04}_{-0.04}$
WKK6092	Arp220	$9.72^{+0.03}_{-0.03}$	$8.73^{+0.07}_{-0.09}$	$9.67^{+0.04}_{-0.04}$	$0.90^{+0.02}_{-0.02}$
WKK6471	SB1	$10.08^{+0.03}_{-0.03}$	$9.77^{+0.05}_{-0.06}$	$9.78^{+0.07}_{-0.07}$	$0.51^{+0.07}_{-0.06}$