

Short Co-occurring Polypeptide Regions Can Predict Global Protein Interaction Maps

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Table S1. Ordered list of PPI predictions.

Protein A	Protein B	Score	Status	Same component	Same function	Same process	Third Party Interaction
SPCC23B6.03c	SPBC216.05	0.9999994	Known	NO	YES	NO	YES
SPAC3G9.12	SPAC1093.06c	0.9999993	Known	YES	NO	NO	YES
SPBC216.07c	SPBC30D10.10c	0.9999993	Known	YES	YES	YES	YES
SPBC216.05	SPBC25H2.13c	0.9999992	Known	NO	NO	NO	YES
SPBC216.02	SPAC1093.06c	0.999999	Known	YES	NO	YES	NO
SPAC4A8.05c	SPCC645.05c	0.9999987	Known	YES	YES	YES	YES
SPAC4F10.13c	SPAC19D5.04	0.9999987	Known	NO	NO	YES	NO
SPBP16F5.03c	SPAC458.03	0.9999987	Known	YES	YES	YES	NO
SPAC2G11.12	SPBC216.05	0.9999987	Known	NO	YES	YES	YES
SPBC19G7.05c	SPCC5E4.04	0.9999987	Known	NO	NO	NO	NO
SPAC458.03	SPAC1F5.11c	0.9999987	Known	NO	YES	NO	NO
SPAC630.13c	SPBC30D10.10c	0.9999987	Known	YES	NO	YES	YES
SPAC57A7.11	SPBC216.07c	0.9999987	Known	YES	YES	YES	YES
SPBC12C2.02c	SPBC30D10.10c	0.9999987	Known	YES	NO	YES	NO
SPCC5E4.04	SPAC31A2.05c	0.9999986	Known	NO	YES	NO	NO
SPCC23B6.03c	SPAC694.06c	0.9999986	Known	NO	YES	NO	YES
SPAC27D7.13c	SPAC1093.06c	0.9999985	Known	YES	NO	YES	YES
SPBC106.09	SPCC5E4.04	0.9999985	Known	NO	NO	NO	YES
SPBC3E7.08c	SPBC216.05	0.9999985	Known	NO	NO	NO	YES
SPBC336.04	SPBC216.05	0.9999984	Known	NO	YES	NO	YES
SPCC622.13c	SPBC30D10.10c	0.9999984	Known	NO	NO	NO	YES
SPBC216.07c	SPCC622.13c	0.9999984	Known	NO	YES	NO	YES
SPAC694.06c	SPBC216.05	0.9999983	Known	YES	YES	YES	YES
SPCC23B6.03c	SPAC458.03	0.9999983	Known	NO	YES	NO	YES
SPBC12C2.02c	SPCC5E4.04	0.9999983	Known	YES	NO	NO	NO
SPBC336.04	SPBC25H2.13c	0.9999983	Known	YES	YES	NO	YES
SPCC1620.14c	SPAC3G6.01	0.9999982	Known	YES	YES	NO	NO
SPBC29A10.04	SPCC5E4.04	0.9999982	Known	NO	YES	NO	YES
SPAC4A8.05c	SPCC1739.11c	0.9999981	Known	NO	YES	YES	YES
SPAC3F10.11c	SPAC30.04c	0.9999981	Known	YES	YES	YES	NO
SPBC6B1.07	SPAC4F8.12c	0.9999981	Known	YES	NO	NO	YES
SPAC23G3.01	SPBC28F2.12	0.9999981	Known	YES	YES	YES	YES
SPAC22F3.13	SPBC30D10.10c	0.999998	Known	YES	NO	YES	YES
SPAC458.03	SPBC216.05	0.999998	Known	NO	YES	NO	YES
SPCC23B6.03c	SPAC1687.05	0.999998	Known	NO	NO	NO	YES
SPAC15A10.16	SPCC895.05	0.999998	Known	YES	YES	YES	YES
SPAC458.03	SPBC30D10.10c	0.999998	Known	YES	NO	YES	YES
SPBC216.07c	SPAC458.03	0.999998	Known	YES	YES	YES	YES
SPAC9G1.02	SPAC1006.09	0.999998	Known	NO	YES	YES	YES
SPBC6B1.07	SPAC9.03c	0.9999979	Known	YES	NO	NO	YES
SPAC4A8.05c	SPBC1709.01	0.9999979	Known	NO	YES	YES	YES
SPAPB1E7.02c	SPBC216.05	0.9999979	Known	YES	YES	NO	YES
SPCC18B5.03	SPBP19A11.04c	0.9999979	Known	NO	YES	NO	YES
SPBC25H2.13c	SPBC16A3.11	0.9999979	Known	NO	YES	NO	NO

SPAC1783.05	SPAC3G6.01	0.9999978	Known	YES	YES	YES	NO
SPAC110.02	SPAC31A2.05c	0.9999978	Known	YES	YES	YES	YES
SPAC3C7.12	SPAC1093.06c	0.9999978	Known	YES	NO	YES	YES
SPBC19C7.03	SPBC21C3.20c	0.9999978	Known	NO	NO	YES	YES
SPBP4H10.06c	SPAC31A2.05c	0.9999978	Known	NO	NO	NO	NO
SPCC23B6.03c	SPAC16A10.07c	0.9999978	Known	NO	YES	YES	YES
SPBC342.05	SPBC216.05	0.9999978	Known	NO	YES	NO	YES
SPBC19G7.05c	SPBC21.06c	0.9999978	Known	NO	NO	NO	YES
SPBC19G7.05c	SPCC1322.12c	0.9999977	Known	NO	NO	NO	YES
SPBC25D12.03c	SPBC216.05	0.9999977	Known	NO	YES	NO	YES
SPBC19G7.05c	SPCC1739.11c	0.9999977	Known	YES	NO	NO	YES
SPAC4F8.12c	SPAC644.12	0.9999977	Known	YES	NO	NO	YES
SPAC17H9.20	SPCC5E4.04	0.9999977	Known	NO	NO	NO	NO
SPAC23E2.02	SPAC1783.05	0.9999976	Known	YES	YES	YES	NO
SPBP19A11.06	SPAC3H1.12c	0.9999976	Known	YES	YES	YES	YES
SPCC23B6.03c	SPAC9E9.08	0.9999976	Known	NO	NO	YES	YES
SPCC23B6.03c	SPBC6B1.09c	0.9999976	Known	YES	YES	YES	NO
SPBC342.05	SPBC25H2.13c	0.9999976	Known	NO	NO	YES	YES
SPAC20G8.05c	SPAC1F5.04c	0.9999976	Known	YES	YES	YES	NO
SPBC1A4.03c	SPCC5E4.06	0.9999976	Known	NO	YES	NO	YES
SPCC23B6.03c	SPAC14C4.13	0.9999976	Known	NO	YES	YES	YES
SPCC23B6.03c	SPCC126.02c	0.9999976	Known	YES	YES	YES	YES
SPCC1223.06	SPCC895.05	0.9999975	Known	YES	YES	YES	YES
SPBC216.05	SPBC29A10.15	0.9999975	Known	NO	YES	NO	YES
SPBC336.12c	SPBP19A11.04c	0.9999975	Known	YES	YES	NO	YES
SPBP4H10.06c	SPAC3H5.06c	0.9999975	Known	NO	NO	NO	NO
SPAC9.03c	SPAC644.12	0.9999975	Known	YES	NO	NO	YES
SPBC211.04c	SPCC5E4.04	0.9999975	Known	NO	NO	NO	YES
SPCC645.05c	SPBC21.06c	0.9999975	Known	NO	YES	NO	YES
SPBC19G7.05c	SPAC20G8.05c	0.9999974	Known	YES	NO	NO	YES
SPCC645.05c	SPCC1739.11c	0.9999974	Known	NO	YES	NO	YES
SPCC1223.06	SPAC15A10.16	0.9999974	Known	NO	YES	YES	YES
SPAC16A10.07c	SPBC216.05	0.9999974	Known	NO	YES	YES	YES
SPBP4H10.06c	SPBC146.03c	0.9999973	Known	YES	YES	YES	YES
SPAPYUG7.02c	SPBC30D10.10c	0.9999973	Known	YES	NO	YES	NO
SPAC13C5.07	SPBC216.05	0.9999973	Known	NO	YES	YES	YES
SPBC216.05	SPAC23C4.18c	0.9999973	Known	NO	YES	NO	YES
SPBC776.13	SPBC146.03c	0.9999973	Known	YES	NO	YES	YES
SPBC3F6.05	SPCC645.07	0.9999973	Known	YES	NO	YES	YES
SPBC31F10.14c	SPBC31F10.13c	0.9999973	Known	NO	YES	YES	YES
SPBC336.04	SPBC16D10.04c	0.9999973	Known	YES	YES	YES	YES
SPAC17D4.02	SPBC216.05	0.9999973	Known	NO	YES	NO	YES
SPBC19G7.05c	SPCC18B5.03	0.9999973	Known	NO	NO	NO	YES
SPAC1565.08	SPCC5E4.04	0.9999972	Known	YES	YES	NO	YES
SPBC29A10.04	SPAC10F6.09c	0.9999972	Known	YES	YES	YES	YES
SPBC16G5.12c	SPBC216.05	0.9999972	Known	NO	YES	NO	YES
SPBC3E7.08c	SPAC2G11.12	0.9999972	Known	NO	YES	NO	YES

SPCC5E4.04	SPCC895.07	0.9999972	Known	NO	YES	NO	YES
SPBC216.05	SPAC9E9.08	0.9999972	Known	NO	NO	YES	YES
SPCC126.02c	SPBC216.05	0.9999971	Known	NO	YES	NO	YES
SPBC216.05	SPAC14C4.13	0.9999971	Known	NO	YES	YES	YES
SPAC27F1.09c	SPAPJ698.03c	0.9999971	Known	YES	NO	YES	YES
SPBC17F3.02	SPBP19A11.04c	0.9999971	Known	YES	YES	YES	YES
SPBC342.05	SPCC5E4.04	0.9999971	Known	NO	YES	NO	YES
SPBC216.05	SPBC19C7.09c	0.9999971	Known	NO	NO	NO	YES
SPCC645.05c	SPBC1709.01	0.9999971	Known	NO	YES	YES	YES
SPBC216.05	SPBC1347.10	0.9999971	Known	NO	YES	NO	YES
SPAC17A5.11	SPAC1093.06c	0.9999971	Known	NO	YES	YES	NO
SPBC1709.01	SPCC1919.10c	0.9999971	Known	YES	NO	YES	NO
SPCC645.05c	SPCC4B3.15	0.9999971	Known	NO	YES	NO	YES
SPAC3G9.14	SPCC5E4.04	0.999997	Known	YES	NO	NO	YES
SPAC29B12.02c	SPBC28F2.12	0.999997	Known	YES	NO	NO	YES
SPAC589.02c	SPAC688.08	0.999997	Known	YES	NO	YES	YES
SPAC31A2.05c	SPBC16A3.11	0.999997	Known	NO	YES	YES	YES
SPBC216.05	SPAC821.04c	0.999997	Known	NO	YES	NO	YES
SPBC28E12.03	SPCC895.05	0.999997	Known	YES	YES	YES	NO
SPBC216.05	SPCC338.16	0.999997	Known	NO	YES	NO	YES
SPBP4H10.06c	SPBC776.13	0.999997	Known	YES	NO	YES	YES
SPBC336.07	SPCC16C4.14c	0.9999969	Known	YES	YES	YES	YES
SPAC9E9.08	SPBC25H2.13c	0.9999969	Known	NO	NO	NO	YES
SPAC6F6.06c	SPCC1223.06	0.9999969	Known	YES	NO	YES	NO
SPBC25H2.13c	SPAC14C4.13	0.9999969	Known	NO	NO	NO	YES
SPCC24B10.07	SPBC30D10.10c	0.9999969	Known	NO	YES	YES	NO
SPAC144.13c	SPBC216.05	0.9999969	Known	YES	NO	NO	YES
SPBC31F10.14c	SPBC15D4.03	0.9999969	Known	NO	YES	YES	YES
SPAC19G12.01c	SPCC5E4.04	0.9999968	Known	NO	YES	NO	YES
SPBC582.05c	SPBC1A4.03c	0.9999968	Known	NO	NO	NO	YES
SPAC24H6.05	SPBP19A11.04c	0.9999968	Known	YES	YES	NO	YES
SPAC13G6.01c	SPCC5E4.06	0.9999968	Known	NO	YES	YES	NO
SPBC216.07c	SPAC144.13c	0.9999968	Known	NO	NO	YES	YES
SPCC1223.06	SPAC6G10.02c	0.9999968	Known	YES	NO	YES	YES
SPBC216.06c	SPAC2G11.12	0.9999968	Known	NO	YES	YES	YES
SPBC19G7.05c	SPAC19G12.14	0.9999968	Known	NO	NO	NO	NO
SPAC23E2.02	SPBC146.09c	0.9999968	Known	YES	YES	YES	NO
SPBC685.09	SPBC216.05	0.9999967	Known	NO	NO	NO	YES
SPAC19B12.05c	SPBC28F2.12	0.9999967	Known	NO	YES	NO	YES
SPCC18B5.03	SPAC1006.09	0.9999967	Known	NO	YES	NO	YES
SPBC3E7.08c	SPAC13G6.01c	0.9999967	Known	NO	YES	YES	YES
SPCC285.16c	SPAC8F11.03	0.9999967	Known	NO	YES	YES	YES
SPAPB1A10.09	SPBC19G7.05c	0.9999967	Known	NO	NO	NO	NO
SPCC74.06	SPAC8C9.14	0.9999967	Known	NO	YES	YES	YES
SPCC188.08c	SPBC713.02c	0.9999967	Known	NO	YES	YES	NO
SPAC2F7.03c	SPCC1223.06	0.9999967	Known	YES	YES	YES	YES
SPAC8C9.14	SPAC27E2.09	0.9999966	Known	NO	YES	YES	YES

SPBC216.05	SPAC11E3.08c	0.9999966	Known	NO	YES	NO	YES
SPBC19G7.01c	SPCC285.16c	0.9999966	Known	NO	YES	YES	YES
SPAC6F12.15c	SPCC5E4.04	0.9999966	Known	NO	YES	NO	YES
SPAC2F7.03c	SPAC6G10.02c	0.9999966	Known	YES	NO	YES	YES
SPAC343.11c	SPAC20G8.01	0.9999966	Known	NO	YES	NO	YES
SPAC14C4.02c	SPCC5E4.06	0.9999966	Known	YES	YES	YES	YES
SPAC20G8.01	SPAC31A2.05c	0.9999966	Known	NO	YES	NO	NO
SPBC19C7.03	SPAC1751.01c	0.9999966	Known	NO	NO	NO	YES
SPAC17C9.01c	SPCC5E4.04	0.9999966	Known	NO	YES	NO	YES
SPBC1A4.03c	SPBC1703.14c	0.9999966	Known	NO	YES	YES	NO
SPAC2G11.12	SPCC16A11.17	0.9999966	Known	NO	YES	NO	YES
SPAC22F3.13	SPAC630.13c	0.9999966	Known	YES	YES	YES	YES
SPBC216.05	SPBC776.12c	0.9999965	Known	NO	YES	NO	YES
SPBC1706.01	SPCC895.05	0.9999965	Known	YES	YES	YES	YES
SPCC23B6.03c	SPAC664.07c	0.9999965	Known	NO	YES	YES	YES
SPAC4H3.05	SPAC2G11.12	0.9999965	Known	NO	YES	YES	YES
SPBC19C7.03	SPAC1B9.02c	0.9999965	Known	NO	YES	YES	YES
SPCC1259.13	SPBC216.05	0.9999965	Known	NO	YES	NO	YES
SPAC4A8.05c	SPBP4H10.04	0.9999965	Known	NO	NO	NO	YES
SPBC582.05c	SPAC2G11.12	0.9999964	Known	NO	NO	NO	YES
SPBC336.01	SPAC2G11.12	0.9999964	Known	NO	YES	YES	YES
SPBC12D12.01	SPAC56E4.04c	0.9999964	Known	NO	NO	NO	NO
SPAC1952.13	SPAC1486.05	0.9999964	Known	NO	YES	YES	NO
SPBC1706.01	SPAC1006.09	0.9999964	Known	NO	YES	NO	NO
SPCC188.03	SPBC146.03c	0.9999964	Known	YES	NO	YES	YES
SPBC216.05	SPAC17H9.19c	0.9999964	Known	NO	YES	NO	YES
SPBC216.05	SPAC821.08c	0.9999964	Known	NO	YES	NO	YES
SPCC777.13	SPBC16C6.06	0.9999964	Known	NO	NO	NO	NO
SPCC188.13c	SPCC736.11	0.9999964	Known	NO	NO	YES	YES
SPAPB1E7.02c	SPAC3H5.06c	0.9999964	Known	YES	YES	YES	YES
SPBP19A11.06	SPBC83.07	0.9999964	Known	YES	NO	YES	YES
SPBC16D10.04c	SPAPB1E7.02c	0.9999964	Known	NO	YES	YES	YES
SPCC645.05c	SPCC613.04c	0.9999964	Known	YES	YES	YES	YES
SPAC2F7.03c	SPCC1739.11c	0.9999964	Known	NO	YES	YES	YES
SPBC1105.04c	SPBC25H2.13c	0.9999964	Known	NO	NO	YES	YES
SPBC12D12.04c	SPAC1F3.02c	0.9999963	Known	YES	YES	YES	YES
SPCC16C4.09	SPBC21.06c	0.9999963	Known	NO	NO	NO	YES
SPBC336.03	SPCC1223.06	0.9999963	Known	NO	NO	YES	YES
SPBC16G5.12c	SPCC5E4.04	0.9999963	Known	NO	YES	NO	YES
SPCC613.12c	SPAC1486.05	0.9999963	Known	NO	YES	NO	NO
SPBC19C7.03	SPAC6F12.15c	0.9999963	Known	NO	YES	NO	YES
SPAC15A10.03c	SPAC2G11.12	0.9999963	Known	NO	YES	YES	YES
SPAC17G6.16c	SPBC1709.08	0.9999963	Known	YES	NO	YES	YES
SPBC146.13c	SPAC20G8.05c	0.9999963	Known	YES	YES	YES	NO
SPBC16D10.04c	SPBC887.14c	0.9999963	Known	NO	YES	YES	YES
SPBC19G7.05c	SPAC23C4.18c	0.9999963	Known	NO	NO	NO	YES
SPCC777.14	SPAC4F8.12c	0.9999963	Known	NO	NO	NO	YES

SPAC19D5.04	SPBC16A3.05c	0.9999963	Known	NO	NO	NO	NO
SPBC21.06c	SPCC1739.11c	0.9999963	Known	YES	YES	YES	YES
SPAC1610.03c	SPAP27G11.10c	0.9999963	Known	NO	NO	YES	YES
SPAC1F3.02c	SPAC17G8.14c	0.9999962	Known	YES	YES	YES	YES
SPBC409.07c	SPCC5E4.04	0.9999962	Known	YES	YES	NO	YES
SPBC21D10.12	SPBC216.05	0.9999962	Known	NO	YES	NO	NO
SPBC6B1.07	SPAPJ698.03c	0.9999962	Known	NO	NO	YES	YES
SPBC342.05	SPAC3H5.06c	0.9999962	Known	NO	YES	YES	YES
SPBC3E7.08c	SPBC19G7.01c	0.9999962	Known	NO	NO	NO	YES
SPBC25H2.13c	SPAC8F11.07c	0.9999962	Known	YES	NO	NO	YES
SPBC19C7.03	SPAC22E12.14c	0.9999962	Known	NO	YES	YES	YES
SPBC216.07c	SPBC19C2.05	0.9999962	Known	YES	YES	YES	YES
SPCC18B5.11c	SPBC216.05	0.9999962	Known	NO	YES	YES	YES
SPAC2G11.12	SPBC1703.14c	0.9999962	Known	NO	YES	YES	YES
SPBC17D11.06	SPBC216.05	0.9999962	Known	NO	NO	NO	YES
SPAPB1E7.02c	SPAC2G11.12	0.9999962	Known	NO	YES	YES	YES
SPCC1259.13	SPBC25H2.13c	0.9999962	Known	NO	NO	NO	YES
SPBC6B1.07	SPAC27F1.09c	0.9999961	Known	NO	NO	YES	YES
SPBC16D10.04c	SPAC20G8.01	0.9999961	Known	YES	YES	YES	NO
SPAC926.04c	SPCC645.05c	0.9999961	Known	NO	YES	NO	YES
SPAPB1A10.09	SPAC3G9.12	0.9999961	Known	YES	NO	YES	NO
SPCC18B5.03	SPAPJ698.03c	0.9999961	Known	NO	NO	NO	NO
SPAC24H6.03	SPCC330.11	0.9999961	Known	NO	NO	NO	YES
SPBC19G7.01c	SPAC17H9.10c	0.9999961	Known	NO	NO	NO	YES
SPCC16C4.09	SPAC17G8.14c	0.9999961	Known	YES	NO	NO	YES
SPBC336.04	SPBC216.06c	0.9999961	Known	NO	YES	NO	YES
SPAC110.02	SPBC16A3.11	0.9999961	Known	NO	YES	YES	YES
SPCC5E4.04	SPBC14C8.07c	0.999996	Known	NO	NO	NO	YES
SPAC19G12.01c	SPBC106.09	0.999996	Known	YES	NO	YES	YES
SPAC24B11.11c	SPBC19G7.05c	0.999996	Known	NO	NO	NO	YES
SPAPB1E7.06c	SPAC3H5.06c	0.999996	Known	NO	YES	NO	YES
SPBP4H10.06c	SPCC736.14	0.999996	Known	YES	NO	NO	YES
SPBC342.05	SPAC2G11.12	0.999996	Known	NO	YES	YES	YES
SPAC19D5.04	SPBC26H8.01	0.999996	Known	NO	NO	NO	NO
SPCC5E4.04	SPBC29B5.01	0.999996	Known	NO	YES	NO	YES
SPBC1A4.03c	SPBC1778.02	0.999996	Known	NO	NO	NO	YES
SPBP4H10.06c	SPCC188.03	0.999996	Known	YES	NO	YES	YES
SPAC6F12.14	SPCC5E4.04	0.999996	Known	NO	YES	NO	YES
SPCC1223.06	SPBC4F6.06	0.9999959	Known	YES	NO	YES	YES
SPAC57A7.04c	SPAP27G11.10c	0.9999959	Known	NO	NO	YES	YES
SPBC19C7.03	SPBC409.07c	0.9999959	Known	NO	YES	NO	YES
SPAC821.12	SPBP19A11.04c	0.9999959	Known	NO	YES	YES	YES
SPAC3H5.06c	SPAC1687.05	0.9999959	Known	NO	NO	NO	NO
SPAC6F6.17	SPAC1687.05	0.9999959	Known	NO	NO	NO	NO
SPBC25D12.03c	SPAC2G11.12	0.9999959	Known	NO	YES	NO	YES
SPCC645.05c	SPBC244.01c	0.9999959	Known	NO	YES	NO	YES
SPBC12D12.04c	SPAC17G8.14c	0.9999959	Known	YES	YES	YES	YES

SPAC664.07c	SPBC216.05	0.9999959	Known	NO	YES	YES	YES
SPBC582.05c	SPCC5E4.06	0.9999959	Known	NO	NO	YES	YES
SPCC1223.06	SPAC16E8.09	0.9999958	Known	YES	YES	NO	YES
SPBC3E7.08c	SPAC22F8.11	0.9999958	Known	NO	NO	NO	YES
SPAC2F7.03c	SPCC4B3.15	0.9999958	Known	NO	YES	YES	YES
SPBC12D12.01	SPAC1F3.06c	0.9999958	Known	YES	YES	NO	NO
SPBC29A10.04	SPCC895.07	0.9999958	Known	NO	YES	NO	YES
SPBC216.07c	SPBP18G5.03	0.9999958	Known	YES	NO	YES	NO
SPCC338.17c	SPAC31A2.05c	0.9999958	Known	YES	YES	YES	YES
SPAC19G12.14	SPCC645.07	0.9999958	Known	YES	NO	NO	NO
SPBP19A11.06	SPBC13G1.08c	0.9999958	Known	YES	YES	YES	YES
SPBC19G7.01c	SPAC8F11.03	0.9999958	Known	YES	YES	YES	YES
SPBC21.06c	SPAC20G8.05c	0.9999958	Known	NO	YES	NO	YES
SPAC4H3.05	SPBC3E7.08c	0.9999958	Known	NO	YES	NO	YES
SPAC57A7.11	SPAC27D7.03c	0.9999958	Known	YES	YES	NO	YES
SPBC146.03c	SPCC306.03c	0.9999958	Known	YES	NO	YES	YES
SPBC1A4.03c	SPAC16A10.07c	0.9999958	Known	NO	NO	NO	YES
SPBC3B9.15c	SPBC19C2.09	0.9999958	Known	YES	NO	YES	NO
SPBC21.06c	SPCC4B3.15	0.9999957	Known	NO	YES	NO	YES
SPAC6F12.15c	SPBC106.09	0.9999957	Known	YES	NO	YES	YES
SPBC646.02	SPAC644.12	0.9999957	Known	YES	NO	YES	NO
SPBC30D10.10c	SPCC777.08c	0.9999957	Known	YES	NO	YES	NO
SPBC1709.01	SPCC1739.11c	0.9999957	Known	YES	YES	YES	YES
SPBC1778.02	SPAC6F6.17	0.9999957	Known	YES	YES	YES	YES
SPAC17C9.01c	SPBC106.09	0.9999957	Known	YES	YES	YES	YES
SPAC2F7.03c	SPBC4F6.06	0.9999957	Known	NO	YES	YES	YES
SPAC23G3.01	SPAC29B12.02c	0.9999957	Known	YES	NO	NO	YES
SPCC16C4.07	SPBC19G7.05c	0.9999957	Known	NO	NO	NO	YES
SPAC2G11.12	SPAC1687.05	0.9999957	Known	NO	NO	NO	YES
SPCC622.13c	SPAC458.03	0.9999956	Known	YES	YES	YES	YES
SPBP4H10.06c	SPCC895.07	0.9999956	Known	NO	NO	NO	YES
SPAC6G9.06c	SPBC365.15	0.9999956	Known	YES	YES	YES	NO
SPAC6G9.06c	SPAC4H3.11c	0.9999956	Known	YES	YES	YES	NO
SPAC15A10.08	SPCC645.05c	0.9999956	Known	YES	YES	YES	YES
SPAC1556.01c	SPAC1687.05	0.9999955	Known	NO	YES	NO	YES
SPBC1921.03c	SPAP27G11.10c	0.9999955	Known	YES	NO	NO	YES
SPBC106.10	SPCC5E4.04	0.9999955	Known	YES	YES	NO	YES
SPBC28F2.12	SPBP23A10.14c	0.9999955	Known	NO	YES	NO	NO
SPCC1223.06	SPBC1706.01	0.9999955	Known	YES	YES	YES	YES
SPCC18B5.03	SPBC19C2.01	0.9999955	Known	NO	YES	NO	NO
SPAC16A10.07c	SPAC6F6.17	0.9999955	Known	YES	YES	YES	YES
SPBC16D10.04c	SPAC16A10.07c	0.9999955	Known	NO	YES	YES	NO
SPBC19C7.03	SPAC26F1.10c	0.9999955	Known	NO	NO	YES	YES
SPAC24B11.11c	SPCC645.05c	0.9999955	Known	NO	YES	NO	YES
SPAC1783.05	SPAC1687.20c	0.9999955	Known	YES	YES	NO	NO
SPBC2F12.13	SPCC1322.12c	0.9999955	Known	YES	YES	YES	YES
SPAC15A10.08	SPAC4F8.13c	0.9999955	Known	YES	YES	YES	YES

SPBC428.01c	SPAC1805.04	0.9999955	Known	YES	YES	YES	NO
SPAPI698.03c	SPAC644.12	0.9999954	Known	YES	NO	YES	YES
SPAC4F8.13c	SPBC1778.06c	0.9999954	Known	YES	YES	YES	YES
SPCC188.13c	SPAC16A10.07c	0.9999954	Known	NO	NO	YES	NO
SPCC417.07c	SPBC428.20c	0.9999954	Known	YES	YES	YES	YES
SPBC216.05	SPBC1734.06	0.9999954	Known	NO	NO	NO	YES
SPAC3A11.14c	SPAC25G10.07c	0.9999954	Known	YES	YES	YES	NO
SPBC336.04	SPBC4.04c	0.9999954	Known	NO	YES	NO	YES
SPBC428.01c	SPBP35G2.06c	0.9999954	Known	YES	YES	YES	NO
SPAC27F1.09c	SPAC644.12	0.9999954	Known	YES	NO	YES	YES
SPBC23E6.07c	SPBC902.02c	0.9999954	Known	YES	YES	YES	NO
SPAC17D4.02	SPAC3H5.06c	0.9999953	Known	YES	YES	YES	YES
SPAC1556.01c	SPBC543.03c	0.9999953	Known	NO	YES	YES	YES
SPBC215.12	SPBC6B1.07	0.9999953	Known	YES	NO	YES	YES
SPAC664.10	SPAC25G10.07c	0.9999953	Known	YES	YES	NO	NO
SPAC6G9.06c	SPCC188.07	0.9999953	Known	YES	YES	NO	NO
SPCC5E4.04	SPAC821.08c	0.9999953	Known	YES	YES	YES	YES
SPCC23B6.03c	SPAC1952.07	0.9999953	Known	NO	YES	YES	YES
SPAC19G12.02c	SPBC3E7.08c	0.9999953	Known	NO	YES	NO	YES
SPAC13F5.06c	SPCC970.09	0.9999953	Known	YES	YES	YES	NO
SPAC10F6.02c	SPAC644.12	0.9999953	Known	YES	NO	NO	NO
SPAC1687.18c	SPAC31A2.05c	0.9999953	Known	YES	YES	YES	YES
SPAC2F7.03c	SPBC1706.01	0.9999953	Known	YES	YES	YES	YES
SPBC19C7.03	SPBC887.10	0.9999953	Known	NO	YES	NO	NO
SPAC23G3.01	SPAC19B12.05c	0.9999952	Known	NO	YES	NO	YES
SPBC336.04	SPBC887.14c	0.9999952	Known	NO	YES	YES	YES
SPCC417.07c	SPBC365.15	0.9999952	Known	YES	YES	YES	YES
SPBP4H10.06c	SPCC306.03c	0.9999952	Known	YES	NO	YES	YES
SPBC3E7.08c	SPBC342.05	0.9999952	Known	NO	NO	NO	YES
SPBC409.07c	SPAC1006.09	0.9999952	Known	NO	YES	YES	YES
SPBC336.03	SPAC16E8.09	0.9999952	Known	NO	NO	NO	YES
SPBC23E6.07c	SPBC947.11c	0.9999952	Known	YES	YES	YES	YES
SPAC3H5.06c	SPAC9E9.08	0.9999952	Known	NO	NO	YES	YES
SPBC19C7.03	SPBC106.10	0.9999952	Known	NO	YES	YES	YES
SPBC1709.01	SPAC20G8.05c	0.9999951	Known	YES	YES	YES	YES
SPCC645.14c	SPBC106.09	0.9999951	Known	NO	NO	NO	NO
SPBC216.05	SPAC644.14c	0.9999951	Known	NO	YES	NO	YES
SPCC4B3.15	SPAC20G8.05c	0.9999951	Known	YES	YES	NO	YES
SPBC3E7.08c	SPBC336.12c	0.9999951	Known	NO	NO	NO	YES
SPAC24H6.05	SPAC1006.09	0.9999951	Known	NO	YES	YES	YES
SPBC19C7.03	SPAC1296.03c	0.9999951	Known	NO	NO	NO	NO
SPCC4G3.05c	SPAC3H5.06c	0.9999951	Known	NO	YES	YES	YES
SPCC18B5.03	SPBC26H8.10	0.9999951	Known	NO	YES	NO	YES
SPAC16A10.07c	SPAC1556.01c	0.9999951	Known	NO	NO	YES	YES
SPBC83.07	SPAC3H1.12c	0.9999951	Known	YES	NO	YES	YES
SPCC1020.02	SPBC11C11.03	0.9999951	Known	YES	YES	YES	YES
SPCC1739.03	SPCC736.11	0.9999951	Known	NO	YES	YES	YES

SPBC4.04c	SPAC694.06c	0.9999951	Known	NO	YES	NO	YES
SPCC417.07c	SPCC4G3.19	0.9999951	Known	YES	NO	YES	YES
SPBC409.07c	SPAC9G1.02	0.9999951	Known	YES	YES	YES	YES
SPAC13C5.07	SPAC1556.01c	0.999995	Known	YES	NO	YES	YES
SPCC5E4.06	SPAC1687.05	0.999995	Known	NO	NO	NO	NO
SPBC19G7.05c	SPBC582.03	0.999995	Known	NO	NO	NO	YES
SPBC3E7.08c	SPCC306.03c	0.9999949	Known	NO	NO	NO	NO
SPBC16G5.12c	SPAC2G11.12	0.9999949	Known	YES	YES	YES	YES
SPBC646.14c	SPCC5E4.04	0.9999949	Known	NO	NO	NO	YES
SPCC5E4.06	SPAC19E9.02	0.9999949	Known	NO	YES	NO	NO
SPBC1685.15c	SPCC1322.12c	0.9999949	Known	YES	YES	YES	YES
SPAC4H3.11c	SPCC1739.11c	0.9999949	Known	YES	YES	YES	YES
SPAC3C7.03c	SPBC216.05	0.9999949	Known	NO	YES	YES	YES
SPCC16C4.09	SPBC336.12c	0.9999949	Known	YES	NO	NO	YES
SPAC22H10.07	SPCC645.05c	0.9999949	Known	NO	YES	NO	NO
SPBC211.04c	SPCC16A11.17	0.9999949	Known	YES	YES	YES	YES
SPAC17A5.11	SPBC216.05	0.9999948	Known	YES	YES	YES	YES
SPBC216.06c	SPBC4.04c	0.9999948	Known	NO	NO	NO	YES
SPCC338.17c	SPAC1556.01c	0.9999948	Known	NO	NO	YES	YES
SPCC4G3.05c	SPAC2G11.12	0.9999948	Known	NO	YES	YES	YES
SPCC16A11.17	SPCC1682.02c	0.9999948	Known	YES	YES	YES	YES
SPCC736.11	SPAC18G6.02c	0.9999948	Known	YES	YES	YES	YES
SPAC13G6.12c	SPBC1709.01	0.9999948	Known	YES	YES	NO	NO
SPAP27G11.10c	SPBC106.10	0.9999948	Known	NO	NO	NO	NO
SPAC19G12.01c	SPBC11C11.04c	0.9999948	Known	YES	YES	NO	YES
SPCC970.09	SPCC1235.10c	0.9999947	Known	YES	YES	YES	NO
SPAC2G11.12	SPBC19C7.09c	0.9999947	Known	NO	NO	NO	YES
SPCC736.14	SPBC211.04c	0.9999947	Known	NO	NO	NO	YES
SPAC23C11.16	SPAC26H5.05	0.9999947	Known	NO	NO	NO	NO
SPCC23B6.03c	SPAC20G4.04c	0.9999947	Known	NO	YES	YES	YES
SPCC1259.13	SPAC343.11c	0.9999947	Known	NO	YES	NO	YES
SPBC2F12.13	SPCC736.14	0.9999946	Known	YES	NO	YES	YES
SPBC336.01	SPAC4H3.05	0.9999946	Known	NO	YES	YES	YES
SPCC126.02c	SPAC1556.01c	0.9999946	Known	NO	YES	YES	YES
SPBC336.07	SPBC21H7.05	0.9999946	Known	YES	YES	YES	YES
SPAC4A8.05c	SPBC32H8.12c	0.9999946	Known	YES	YES	YES	YES
SPCC188.13c	SPBC29B5.01	0.9999946	Known	NO	YES	NO	YES
SPBC19G7.16	SPCC5E4.04	0.9999946	Known	YES	NO	NO	YES
SPCC338.17c	SPBC29A10.04	0.9999946	Known	YES	YES	YES	YES
SPBC2F12.13	SPAC16E8.09	0.9999946	Known	NO	YES	NO	YES
SPAC24H6.03	SPCC1494.05c	0.9999946	Known	NO	NO	NO	YES
SPBC3B9.16c	SPBC17G9.04c	0.9999945	Known	YES	YES	YES	YES
SPAC3A11.08	SPCC11E10.08	0.9999945	Known	YES	NO	YES	YES
SPBC146.03c	SPBC14C8.07c	0.9999945	Known	NO	YES	NO	YES
SPBC216.07c	SPAC23C11.11	0.9999945	Known	YES	YES	YES	YES
SPAC23C11.11	SPBC30D10.10c	0.9999945	Known	YES	YES	YES	YES
SPAC15A10.03c	SPAC4H3.05	0.9999945	Known	YES	YES	NO	YES

SPBC4.04c	SPCC16A11.17	0.9999945	Known	YES	YES	YES	YES
SPAC110.02	SPCC338.17c	0.9999945	Known	YES	YES	NO	YES
SPBC216.06c	SPBC342.05	0.9999945	Known	NO	YES	YES	YES
SPAC19G12.14	SPBC12D12.04c	0.9999945	Known	YES	YES	NO	YES
SPAC19E9.02	SPCC1322.12c	0.9999945	Known	NO	YES	YES	YES
SPCC1223.06	SPBC1604.14c	0.9999945	Known	YES	YES	YES	YES
SPAC1952.07	SPBC216.05	0.9999944	Known	NO	YES	YES	YES
SPBC31F10.13c	SPBC15D4.03	0.9999944	Known	YES	YES	YES	YES
SPAC19G12.01c	SPCC1739.11c	0.9999944	Known	YES	YES	NO	NO
SPBC19G7.05c	SPBC4F6.12	0.9999944	Known	YES	NO	NO	YES
SPCC338.17c	SPAC10F6.09c	0.9999944	Known	YES	YES	YES	YES
SPBC215.12	SPAC644.12	0.9999944	Known	YES	NO	YES	YES
SPAC2F7.03c	SPAC23C11.16	0.9999944	Known	NO	YES	YES	YES
SPBC4.04c	SPBC211.04c	0.9999944	Known	YES	YES	YES	YES
SPBC13G1.08c	SPAC3H1.12c	0.9999943	Known	YES	YES	YES	YES
SPBC336.12c	SPBC14C8.14c	0.9999943	Known	NO	YES	YES	NO
SPAC694.06c	SPAC1B2.05	0.9999943	Known	NO	YES	NO	YES
SPAC13G6.01c	SPAC23C4.18c	0.9999943	Known	NO	NO	YES	YES
SPAC1556.01c	SPBC29A10.05	0.9999943	Known	NO	NO	YES	NO
SPBC4.04c	SPCC1682.02c	0.9999943	Known	YES	YES	YES	YES
SPBC16G5.12c	SPBP4H10.06c	0.9999943	Known	NO	YES	NO	NO
SPAC9G1.02	SPBC887.10	0.9999943	Known	YES	NO	YES	NO
SPBC21.06c	SPAC23C11.16	0.9999942	Known	YES	YES	YES	YES
SPCC663.12	SPBC25H2.13c	0.9999942	Known	NO	NO	NO	NO
SPBC211.04c	SPCC895.07	0.9999942	Known	NO	NO	NO	YES
SPAC694.06c	SPBC29A10.15	0.9999942	Known	YES	NO	YES	YES
SPBC3E7.08c	SPAC13C5.07	0.9999942	Known	NO	NO	NO	YES
SPBC342.05	SPCC306.04c	0.9999942	Known	YES	NO	YES	YES
SPBC216.07c	SPBC21B10.05c	0.9999942	Known	YES	YES	YES	YES
SPBC21B10.05c	SPBC30D10.10c	0.9999942	Known	YES	NO	YES	YES
SPCC736.14	SPCC895.07	0.9999941	Known	YES	YES	YES	YES
SPAC23C11.16	SPCC1739.11c	0.9999941	Known	YES	YES	NO	YES
SPCC1322.12c	SPAC12G12.13c	0.9999941	Known	NO	YES	YES	NO
SPAC13G6.01c	SPCC338.17c	0.9999941	Known	NO	NO	NO	NO
SPCC18B5.03	SPBC15D4.03	0.9999941	Known	NO	YES	NO	YES
SPBC106.09	SPAC821.08c	0.9999941	Known	NO	NO	NO	YES
SPBC216.06c	SPAC1687.05	0.9999941	Known	NO	NO	NO	YES
SPAC1805.17	SPAC1952.13	0.9999941	Known	NO	NO	NO	NO
SPAC1834.06c	SPBP19A11.04c	0.9999941	Known	YES	YES	YES	YES
SPBC21.06c	SPAC222.10c	0.9999941	Known	YES	YES	YES	YES
SPAC926.04c	SPBC146.09c	0.9999941	Known	NO	NO	NO	NO
SPBC19G7.05c	SPAPB2B4.03	0.999994	Known	NO	NO	NO	YES
SPBC21.06c	SPBC244.01c	0.999994	Known	YES	YES	YES	YES
SPCC1739.11c	SPBC11C11.02	0.999994	Known	YES	YES	NO	YES
SPAC4F10.15c	SPBC146.13c	0.999994	Known	YES	YES	YES	YES
SPBC16D10.04c	SPAC8F11.07c	0.999994	Known	YES	YES	YES	YES
SPBC16C6.09	SPAC22A12.07c	0.999994	Known	YES	YES	YES	NO

SPBC2F12.08c	SPBC28F2.12	0.999994	Known	NO	YES	NO	NO
SPCC162.08c	SPCC364.02c	0.999994	Known	YES	NO	NO	NO
SPCC297.03	SPCC16C4.09	0.999994	Known	YES	NO	YES	NO
SPAC222.10c	SPCC1739.11c	0.999994	Known	YES	YES	YES	YES
SPBC25D12.03c	SPCC16A11.17	0.999994	Known	YES	YES	YES	YES
SPBC1685.15c	SPBC2F12.13	0.999994	Known	YES	YES	YES	YES
SPBC1685.15c	SPCC736.14	0.9999939	Known	YES	NO	YES	YES
SPAC16A10.07c	SPCC1322.12c	0.9999939	Known	NO	YES	YES	NO
SPBC365.15	SPCC736.14	0.9999939	Known	YES	NO	YES	YES
SPBC19C7.03	SPAC56F8.16	0.9999939	Known	NO	NO	NO	YES
SPBC19C7.03	SPAC8C9.03	0.9999939	Known	NO	NO	NO	YES
SPAC2G11.12	SPAC11E3.08c	0.9999939	Known	NO	YES	YES	YES
SPBC244.01c	SPCC1739.11c	0.9999939	Known	YES	YES	YES	YES
SPBP23A10.13	SPBC29A10.15	0.9999939	Known	YES	YES	YES	YES
SPBC6B1.07	SPAC644.12	0.9999939	Known	NO	NO	YES	YES
SPBC19C7.03	SPBC1718.07c	0.9999939	Known	NO	YES	YES	NO
SPBC1685.15c	SPAC16E8.09	0.9999939	Known	YES	YES	NO	YES
SPAC23E2.02	SPAC30D11.08c	0.9999939	Known	YES	YES	YES	NO
SPBC19C7.03	SPBC646.13	0.9999939	Known	NO	YES	YES	YES
SPBC32H8.12c	SPAC1F5.04c	0.9999938	Known	YES	NO	YES	YES
SPCC18B5.03	SPAC57A10.02	0.9999938	Known	NO	YES	YES	YES
SPBC25D12.03c	SPBC211.04c	0.9999938	Known	YES	YES	YES	YES
SPBC3E7.08c	SPCC4G3.05c	0.9999938	Known	NO	YES	NO	YES
SPAC18B11.10	SPBC23E6.09	0.9999938	Known	YES	YES	YES	YES
SPAC15A10.15	SPCC1322.12c	0.9999938	Known	YES	NO	YES	YES
SPAC110.02	SPBC29A10.14	0.9999938	Known	NO	YES	YES	YES
SPBC409.07c	SPAC1F3.02c	0.9999938	Known	YES	YES	YES	NO
SPBP4H10.06c	SPBC14C8.07c	0.9999938	Known	NO	YES	NO	YES
SPCC74.06	SPBC725.02	0.9999938	Known	NO	YES	YES	YES
SPBC19G7.01c	SPCC4G3.10c	0.9999938	Known	NO	NO	YES	YES
SPAC2G11.12	SPBC776.12c	0.9999937	Known	NO	YES	NO	YES
SPBP23A10.13	SPAC3H1.01c	0.9999937	Known	YES	YES	YES	YES
SPBC336.12c	SPBC16A3.11	0.9999937	Known	NO	YES	NO	YES
SPAC3G9.12	SPAC3C7.12	0.9999937	Known	YES	YES	NO	YES
SPBC106.20	SPCC970.09	0.9999937	Known	YES	YES	YES	YES
SPBC25D12.03c	SPCC1682.02c	0.9999937	Known	YES	YES	YES	YES
SPAC19G12.14	SPAC22F8.11	0.9999937	Known	NO	NO	YES	NO
SPAC630.13c	SPBC646.09c	0.9999937	Known	YES	YES	YES	YES
SPBC336.04	SPAC9E9.08	0.9999937	Known	NO	NO	NO	YES
SPBC1198.11c	SPAC2G11.12	0.9999937	Known	NO	NO	NO	NO
SPBC216.05	SPAC20G4.04c	0.9999937	Known	NO	YES	YES	YES
SPAC589.02c	SPBC31F10.04c	0.9999937	Known	YES	NO	YES	YES
SPBC3E7.08c	SPBC19C7.09c	0.9999937	Known	NO	YES	YES	YES
SPBC725.02	SPAC27E2.09	0.9999937	Known	NO	YES	YES	YES
SPCC613.12c	SPCC11E10.08	0.9999937	Known	YES	NO	YES	YES
SPCC645.05c	SPBC4F6.12	0.9999937	Known	YES	YES	YES	YES
SPCC970.07c	SPCC11E10.08	0.9999937	Known	YES	NO	YES	YES

SPAPB1E7.09	SPAC22A12.07c	0.9999936	Known	YES	YES	YES	NO
SPAC24B11.11c	SPCC970.09	0.9999936	Known	NO	YES	NO	YES
SPAC24H6.09	SPAC16E8.09	0.9999936	Known	YES	YES	YES	YES
SPCC16A11.17	SPAC1B2.05	0.9999936	Known	YES	YES	YES	YES
SPAC1F3.02c	SPAC1F5.09c	0.9999936	Known	NO	YES	YES	YES
SPCC5E4.03c	SPAC2G11.14	0.9999936	Known	YES	YES	YES	NO
SPCC1259.13	SPAC2G11.12	0.9999936	Known	NO	YES	NO	YES
SPBC29A3.14c	SPAC16A10.07c	0.9999936	Known	NO	YES	NO	YES
SPCC1840.03	SPAC24H6.05	0.9999936	Known	YES	NO	YES	NO
SPBC800.03	SPCC622.16c	0.9999936	Known	NO	NO	YES	YES
SPAC17D4.02	SPAC694.06c	0.9999935	Known	YES	YES	NO	YES
SPBC28F2.12	SPBC14F5.08	0.9999935	Known	NO	NO	NO	YES
SPBC4F6.12	SPAC4F8.13c	0.9999935	Known	YES	YES	YES	NO
SPAC630.14c	SPBC23E6.09	0.9999935	Known	YES	YES	YES	YES
SPCC16C4.09	SPBC409.07c	0.9999935	Known	YES	NO	NO	YES
SPAC24B11.11c	SPBC21.06c	0.9999935	Known	YES	YES	YES	YES
SPBC29A10.15	SPCC16A11.17	0.9999935	Known	YES	YES	YES	YES
SPBC211.04c	SPAC1B2.05	0.9999935	Known	YES	YES	YES	YES
SPCC18B5.11c	SPAC3H5.06c	0.9999935	Known	NO	YES	YES	YES
SPCC417.07c	SPBC211.06	0.9999935	Known	YES	NO	YES	YES
SPBC16D10.04c	SPAC27E2.05	0.9999935	Known	YES	YES	YES	YES
SPBC1778.02	SPCC1183.05c	0.9999934	Known	NO	NO	NO	YES
SPBC17D11.06	SPAC3H5.06c	0.9999934	Known	YES	YES	YES	YES
SPBC365.15	SPBC428.20c	0.9999934	Known	YES	YES	YES	YES
SPBC428.20c	SPAC4H3.11c	0.9999934	Known	YES	YES	NO	NO
SPAP27G11.10c	SPAC8C9.03	0.9999934	Known	NO	NO	NO	NO
SPAC1952.13	SPBC26H8.10	0.9999934	Known	NO	YES	NO	YES
SPBC582.03	SPAC2G11.12	0.9999934	Known	NO	YES	NO	YES
SPCC16C4.09	SPAC24H6.05	0.9999934	Known	YES	NO	NO	YES
SPAC6B12.10c	SPAC3H5.06c	0.9999934	Known	YES	NO	YES	YES
SPAC24B11.11c	SPCC1739.11c	0.9999934	Known	YES	YES	YES	YES
SPCC18B5.03	SPAC19E9.02	0.9999934	Known	NO	YES	NO	YES
SPAC23C11.16	SPAC20G8.05c	0.9999934	Known	YES	YES	YES	YES
SPCC1682.02c	SPAC1B2.05	0.9999934	Known	YES	YES	YES	YES
SPBC4.04c	SPBC25D12.03c	0.9999933	Known	YES	YES	YES	YES
SPAC2G11.14	SPBC15D4.14	0.9999933	Known	YES	NO	YES	NO
SPBC1921.03c	SPAC3C7.08c	0.9999933	Known	NO	NO	YES	YES
SPAC23C11.16	SPCC4B3.15	0.9999933	Known	NO	YES	YES	YES
SPAC24B11.06c	SPCC5E4.04	0.9999933	Known	YES	YES	NO	YES
SPBC19G7.01c	SPAC12B10.12c	0.9999933	Known	NO	NO	YES	YES
SPAC57A10.02	SPBC15D4.03	0.9999933	Known	NO	YES	YES	YES
SPAC694.06c	SPAC9E9.08	0.9999933	Known	NO	NO	YES	YES
SPAC17G6.16c	SPBC1709.15c	0.9999933	Known	YES	NO	YES	YES
SPBP4H10.04	SPAC1F3.02c	0.9999933	Known	YES	NO	NO	YES
SPCC18B5.03	SPAC19D5.01	0.9999933	Known	NO	YES	NO	YES
SPAC20G8.05c	SPBC11C11.02	0.9999932	Known	YES	YES	YES	YES
SPCP25A2.02c	SPAC12B10.12c	0.9999932	Known	NO	YES	NO	YES

SPBC1709.01	SPBC11C11.02	0.9999932	Known	NO	YES	YES	YES
SPCC18B5.03	SPBC29A10.15	0.9999932	Known	NO	YES	YES	YES
SPBC428.20c	SPCC4G3.19	0.9999932	Known	YES	NO	NO	YES
SPAC30D11.10	SPAC2G11.12	0.9999932	Known	NO	YES	YES	YES
SPBC4C3.05c	SPBC119.14	0.9999932	Known	NO	NO	NO	NO
SPAC926.04c	SPCC18B5.03	0.9999932	Known	NO	YES	NO	YES
SPBC3E7.08c	SPAC144.13c	0.9999932	Known	NO	NO	NO	YES
SPAC24B11.11c	SPAC821.09	0.9999932	Known	NO	NO	NO	YES
SPAC20G4.04c	SPBC25H2.13c	0.9999932	Known	NO	NO	NO	YES
SPAC4A8.05c	SPAC6F6.08c	0.9999932	Known	NO	YES	NO	YES
SPAC57A7.11	SPBC19C2.05	0.9999932	Known	YES	YES	NO	YES
SPAC7D4.04	SPAC16A10.07c	0.9999932	Known	NO	YES	YES	NO
SPCC16C4.09	SPCC74.03c	0.9999931	Known	YES	NO	NO	NO
SPAC27F1.09c	SPBC146.07	0.9999931	Known	YES	YES	YES	YES
SPAC16A10.07c	SPCC1183.05c	0.9999931	Known	NO	NO	NO	YES
SPAC57A7.11	SPBC32C12.02	0.9999931	Known	NO	NO	NO	YES
SPBC12C2.10c	SPBC36.05c	0.9999931	Known	YES	YES	YES	NO
SPBC336.07	SPAC6F12.11c	0.9999931	Known	YES	YES	YES	YES
SPCC576.15c	SPBC12D12.04c	0.999993	Known	NO	YES	YES	YES
SPBC660.07	SPAC19G12.15c	0.999993	Known	NO	YES	YES	YES
SPBC16D10.09	SPBC216.05	0.999993	Known	NO	YES	NO	YES
SPBC13G1.08c	SPCC306.04c	0.999993	Known	YES	NO	YES	YES
SPBC29A3.14c	SPCC126.02c	0.999993	Known	YES	NO	NO	YES
SPAC1556.01c	SPAC30D11.10	0.999993	Known	NO	NO	YES	YES
SPBC211.02c	SPAC644.12	0.999993	Known	YES	NO	YES	NO
SPBC146.03c	SPBC646.14c	0.999993	Known	NO	YES	NO	YES
SPBC4.04c	SPAC1B2.05	0.999993	Known	YES	YES	YES	YES
SPAC20G8.01	SPBC342.05	0.999993	Known	NO	YES	YES	YES
SPAC27F1.04c	SPCC1020.02	0.999993	Known	YES	YES	YES	YES
SPCC1223.06	SPBC530.04	0.999993	Known	YES	NO	YES	YES
SPBC336.12c	SPBC342.05	0.999993	Known	NO	YES	YES	YES
SPCC16C4.09	SPBP4H10.04	0.9999929	Known	YES	NO	NO	YES
SPBC1718.01	SPAC17G6.12	0.9999929	Known	YES	NO	NO	YES
SPBC365.15	SPCC4G3.19	0.9999929	Known	YES	NO	NO	YES
SPCC16C4.07	SPBC21.06c	0.9999929	Known	NO	NO	NO	YES
SPCC5E4.06	SPAC11E3.08c	0.9999929	Known	YES	YES	YES	YES
SPBC21.06c	SPBP4H10.04	0.9999929	Known	NO	NO	NO	YES
SPAC1783.07c	SPAC1805.17	0.9999929	Known	NO	NO	YES	YES
SPAC1687.05	SPBC1703.14c	0.9999929	Known	NO	NO	NO	YES
SPCC16A11.17	SPAC23C4.18c	0.9999929	Known	NO	NO	YES	YES
SPBC216.06c	SPCC4G3.05c	0.9999929	Known	NO	YES	YES	YES
SPBC19C7.03	SPAC23H3.13c	0.9999929	Known	NO	YES	YES	YES
SPAC167.03c	SPBC6B1.07	0.9999928	Known	YES	NO	YES	NO
SPAC6G10.02c	SPBC530.04	0.9999928	Known	YES	NO	YES	YES
SPCC1672.02c	SPBC216.05	0.9999928	Known	NO	NO	NO	YES
SPCC16C4.09	SPAC26F1.10c	0.9999928	Known	NO	NO	NO	YES
SPCC16C4.07	SPCC1739.11c	0.9999928	Known	YES	NO	NO	YES

SPCC16C4.14c	SPBC21H7.05	0.9999928	Known	YES	YES	YES	YES
SPCC576.15c	SPAC17G8.14c	0.9999928	Known	NO	YES	YES	YES
SPBC32H8.10	SPAC23C4.19	0.9999928	Known	NO	YES	NO	YES
SPBP4H10.04	SPCC1739.11c	0.9999928	Known	YES	NO	NO	YES
SPAC19G12.01c	SPCC895.07	0.9999928	Known	NO	YES	NO	YES
SPCP25A2.02c	SPBC19C7.09c	0.9999928	Known	NO	NO	NO	YES
SPAC17D4.02	SPCC16A11.17	0.9999928	Known	NO	NO	YES	YES
SPCC18B5.03	SPBC4C3.12	0.9999928	Known	NO	NO	NO	YES
SPAC1565.08	SPBC887.04c	0.9999928	Known	YES	YES	YES	NO
SPBC21.06c	SPCC188.02	0.9999928	Known	NO	NO	NO	YES
SPBC19C7.03	SPAC24B11.06c	0.9999928	Known	NO	YES	NO	YES
SPBC2F12.13	SPBC1604.14c	0.9999928	Known	NO	YES	NO	YES
SPCC16A11.17	SPCC1795.11	0.9999927	Known	NO	YES	NO	YES
SPBC3E7.08c	SPAC11E3.08c	0.9999927	Known	NO	NO	NO	YES
SPAC24H6.05	SPBC26H8.10	0.9999927	Known	NO	YES	YES	YES
SPCC18B5.03	SPBC1604.14c	0.9999927	Known	NO	YES	NO	YES
SPBC6B1.07	SPCC1795.11	0.9999927	Known	NO	NO	NO	NO
SPCC18B5.03	SPAC22F3.09c	0.9999927	Known	NO	YES	NO	YES
SPBC19C7.03	SPCC285.09c	0.9999927	Known	NO	NO	YES	YES
SPAC22F3.09c	SPBC16A3.11	0.9999927	Known	NO	YES	NO	YES
SPCC188.02	SPCC1739.11c	0.9999926	Known	YES	NO	NO	YES
SPAC15A10.08	SPCC4B3.15	0.9999926	Known	NO	NO	NO	YES
SPBC21.06c	SPAC1782.09c	0.9999926	Known	YES	YES	NO	YES
SPAC20G8.05c	SPBC1778.06c	0.9999926	Known	NO	NO	YES	NO
SPBC1709.01	SPBC106.20	0.9999926	Known	YES	YES	NO	NO
SPAC17D4.02	SPBC211.04c	0.9999926	Known	YES	NO	YES	YES
SPBC12D12.04c	SPBP4H10.04	0.9999926	Known	YES	YES	YES	YES
SPBC336.04	SPBC1105.04c	0.9999926	Known	NO	YES	NO	YES
SPCC18B5.03	SPBC16H5.11c	0.9999926	Known	NO	YES	YES	YES
SPAC22H10.10	SPBC11C11.04c	0.9999925	Known	NO	YES	YES	YES
SPBC21B10.05c	SPCC5E4.04	0.9999925	Known	NO	YES	NO	NO
SPAC17D4.02	SPCC1682.02c	0.9999925	Known	NO	NO	YES	YES
SPBC21C3.20c	SPBC106.10	0.9999925	Known	NO	NO	YES	YES
SPBP23A10.13	SPBC14C8.07c	0.9999925	Known	YES	YES	YES	YES
SPBC19G7.01c	SPBC29A10.05	0.9999925	Known	NO	NO	YES	NO
SPAC1782.09c	SPCC1739.11c	0.9999925	Known	YES	YES	YES	YES
SPBC336.03	SPAC637.07	0.9999925	Known	NO	NO	NO	YES
SPCC306.04c	SPAC14C4.13	0.9999924	Known	YES	NO	YES	YES
SPCC1739.14	SPBC1921.03c	0.9999924	Known	YES	NO	NO	YES
SPAC6G10.12c	SPCC1739.11c	0.9999924	Known	YES	NO	NO	YES
SPAC24H6.05	SPBC31F10.13c	0.9999924	Known	NO	YES	YES	YES
SPCC645.06c	SPBC4F6.12	0.9999924	Known	YES	YES	YES	YES
SPAC14C4.02c	SPAC11E3.08c	0.9999924	Known	YES	YES	YES	YES
SPAC2G11.12	SPAC688.06c	0.9999924	Known	NO	YES	YES	YES
SPCC16A11.17	SPAC14C4.13	0.9999924	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC1709.01	0.9999924	Known	NO	YES	NO	NO
SPBC25D12.03c	SPAC1B2.05	0.9999923	Known	YES	YES	YES	YES

SPCC338.17c	SPBC16A3.11	0.9999923	Known	NO	YES	NO	YES
SPAC630.13c	SPAC19E9.03	0.9999923	Known	NO	YES	NO	YES
SPAC4D7.03	SPBC1718.01	0.9999923	Known	NO	YES	YES	YES
SPBC12D12.01	SPBC21.06c	0.9999923	Known	YES	YES	NO	YES
SPBC6B1.07	SPAC22F8.10c	0.9999923	Known	NO	NO	NO	YES
SPBC16A3.05c	SPAP27G11.10c	0.9999922	Known	YES	NO	NO	YES
SPBC336.04	SPAC8F11.07c	0.9999922	Known	YES	YES	YES	YES
SPCC1223.06	SPBC15D4.10c	0.9999922	Known	NO	NO	YES	NO
SPCC16A11.17	SPBC1347.10	0.9999922	Known	NO	NO	YES	YES
SPAC4D7.03	SPAC17G6.12	0.9999922	Known	NO	NO	NO	YES
SPAC4H3.05	SPCC4G3.05c	0.9999922	Known	NO	YES	YES	YES
SPCC5E4.04	SPBC14C8.01c	0.9999922	Known	YES	NO	YES	YES
SPBC336.04	SPCC1259.13	0.9999921	Known	NO	YES	NO	YES
SPCC777.14	SPBC713.02c	0.9999921	Known	NO	NO	NO	NO
SPBC1718.06	SPAC644.06c	0.9999921	Known	NO	NO	NO	NO
SPCP1E11.06	SPAC806.08c	0.9999921	Known	NO	NO	NO	NO
SPAC2G11.12	SPBC1921.02	0.9999921	Known	NO	YES	YES	YES
SPBC21.05c	SPAC16E8.09	0.9999921	Known	NO	NO	YES	YES
SPAC12G12.03	SPAC16C9.06c	0.9999921	Known	YES	NO	NO	YES
SPBC16G5.12c	SPAC15A10.03c	0.999992	Known	NO	YES	NO	YES
SPCC1322.12c	SPAC12G12.14c	0.999992	Known	NO	NO	NO	NO
SPAC19G12.01c	SPAC959.09c	0.999992	Known	YES	YES	YES	YES
SPBP4H10.06c	SPBC646.14c	0.999992	Known	NO	YES	NO	YES
SPAC17D4.02	SPBC4.04c	0.999992	Known	NO	NO	YES	YES
SPAC767.01c	SPBC12C2.08	0.999992	Known	YES	YES	YES	NO
SPBC211.04c	SPBC1347.10	0.999992	Known	YES	NO	YES	YES
SPBC4.04c	SPCC1795.11	0.999992	Known	YES	YES	NO	YES
SPBC216.06c	SPCC550.13	0.999992	Known	NO	YES	YES	YES
SPAC24H6.05	SPBC2F12.13	0.999992	Known	YES	YES	NO	YES
SPAC3C7.12	SPCC1223.06	0.999992	Known	YES	YES	YES	NO
SPAC18G6.02c	SPBC83.03c	0.999992	Known	YES	YES	YES	YES
SPAC1F7.05	SPAC23C4.18c	0.999992	Known	NO	YES	NO	YES
SPAC926.04c	SPCC613.04c	0.999992	Known	NO	NO	NO	YES
SPBC16D10.04c	SPAC3G6.06c	0.999992	Known	YES	YES	YES	YES
SPAC17H9.20	SPCC550.13	0.9999919	Known	NO	NO	NO	YES
SPAC17H9.19c	SPAC17H9.10c	0.9999919	Known	YES	NO	YES	YES
SPAC24H6.05	SPCC18B5.03	0.9999919	Known	NO	YES	YES	YES
SPBC557.03c	SPBC26H8.10	0.9999919	Known	NO	NO	YES	YES
SPCC1682.02c	SPBC1347.10	0.9999919	Known	NO	NO	YES	YES
SPCC18B5.03	SPAC644.06c	0.9999919	Known	NO	YES	NO	YES
SPBC28F2.12	SPAC644.04	0.9999919	Known	NO	YES	NO	NO
SPBP23A10.13	SPBC685.09	0.9999919	Known	YES	YES	YES	YES
SPAC15A10.03c	SPCC4G3.05c	0.9999919	Known	NO	YES	YES	YES
SPAC17D4.02	SPAC1F7.05	0.9999918	Known	NO	YES	NO	YES
SPBC244.01c	SPAC4H3.11c	0.9999918	Known	YES	YES	YES	YES
SPAC630.03	SPBC146.13c	0.9999918	Known	YES	YES	YES	NO
SPAC3H5.06c	SPBC1734.02c	0.9999918	Known	NO	YES	YES	YES

SPAC16A10.07c	SPBC342.05	0.9999918	Known	NO	YES	YES	YES
SPAC15A10.03c	SPAC14C4.13	0.9999918	Known	NO	YES	YES	YES
SPBC216.07c	SPBC32F12.09	0.9999918	Known	NO	NO	YES	YES
SPAC1805.15c	SPAC11G7.02	0.9999918	Known	YES	YES	YES	NO
SPBC16D10.04c	SPBC1734.02c	0.9999918	Known	NO	YES	YES	YES
SPAC13C5.07	SPAC25G10.04c	0.9999918	Known	NO	NO	YES	NO
SPAC6F6.08c	SPBC28F2.12	0.9999918	Known	NO	YES	NO	YES
SPBC31F10.11c	SPAC644.12	0.9999917	Known	YES	NO	YES	NO
SPBC660.14	SPCC18B5.03	0.9999917	Known	NO	YES	YES	YES
SPAC2G11.12	SPBC1734.06	0.9999917	Known	NO	YES	NO	YES
SPBC28F2.12	SPCC1442.10c	0.9999917	Known	YES	YES	YES	YES
SPBC428.08c	SPCC11E10.08	0.9999917	Known	YES	NO	YES	YES
SPAC644.14c	SPAC3H5.06c	0.9999917	Known	NO	YES	YES	YES
SPBC582.03	SPBC19C2.01	0.9999917	Known	NO	NO	NO	NO
SPAC630.13c	SPAC17G6.04c	0.9999917	Known	NO	NO	YES	NO
SPBC19G7.05c	SPAC6F6.08c	0.9999917	Known	NO	NO	NO	YES
SPCC18B5.03	SPCC338.16	0.9999917	Known	NO	YES	NO	YES
SPBC342.05	SPAC23C4.18c	0.9999916	Known	NO	YES	YES	YES
SPBC428.20c	SPAC806.08c	0.9999916	Known	YES	NO	NO	YES
SPBC16D10.04c	SPAC644.14c	0.9999916	Known	NO	YES	YES	YES
SPBC336.12c	SPAC22F3.09c	0.9999916	Known	YES	YES	YES	YES
SPCC1259.13	SPAC694.06c	0.9999916	Known	NO	YES	NO	YES
SPCC188.02	SPCC4B3.15	0.9999916	Known	NO	NO	NO	YES
SPBC19G7.05c	SPBC11B10.09	0.9999916	Known	NO	NO	NO	YES
SPAC27D7.03c	SPAC27D7.13c	0.9999916	Known	NO	YES	YES	NO
SPBC582.03	SPCC1739.11c	0.9999916	Known	YES	YES	YES	YES
SPAPB1E7.02c	SPAC9E9.08	0.9999916	Known	NO	NO	NO	YES
SPAC3A11.14c	SPAC1786.03	0.9999916	Known	NO	NO	NO	NO
SPBC336.12c	SPBC17F3.02	0.9999916	Known	YES	YES	NO	YES
SPBC336.04	SPAC27E2.05	0.9999915	Known	YES	YES	YES	YES
SPAC3G6.06c	SPAC2G11.12	0.9999915	Known	YES	YES	YES	YES
SPBC21.06c	SPAC9G1.09	0.9999915	Known	YES	YES	YES	YES
SPBC36.05c	SPBC2D10.17	0.9999915	Known	NO	NO	YES	NO
SPCC285.09c	SPBC106.09	0.9999915	Known	NO	NO	NO	YES
SPBC336.04	SPCC18B5.11c	0.9999915	Known	NO	YES	NO	YES
SPBC336.12c	SPAC23C4.18c	0.9999915	Known	NO	YES	YES	YES
SPAC24H6.09	SPBC1604.14c	0.9999915	Known	YES	YES	YES	YES
SPCC1753.03c	SPBC1A4.03c	0.9999915	Known	NO	NO	NO	NO
SPCC4G3.05c	SPBC1703.14c	0.9999915	Known	NO	NO	NO	YES
SPAC637.07	SPAC16E8.09	0.9999914	Known	NO	YES	NO	YES
SPBC11C11.04c	SPBC26H8.07c	0.9999914	Known	NO	NO	YES	YES
SPAC1782.09c	SPCC4B3.15	0.9999914	Known	NO	YES	YES	YES
SPAC222.15	SPBC216.05	0.9999914	Known	NO	YES	YES	YES
SPBC12D12.04c	SPAC1F5.08c	0.9999914	Known	NO	NO	YES	NO
SPBC4.04c	SPBC1347.10	0.9999914	Known	YES	YES	YES	YES
SPAC1F7.05	SPAC14C4.13	0.9999914	Known	NO	YES	NO	YES
SPBC216.06c	SPBC776.12c	0.9999914	Known	NO	YES	YES	YES

SPBC13G1.08c	SPBC83.07	0.9999914	Known	YES	NO	YES	YES
SPAC19G12.01c	SPBP23A10.04	0.9999914	Known	YES	YES	YES	YES
SPAC9G1.09	SPCC1739.11c	0.9999914	Known	YES	YES	YES	YES
SPBC19C2.05	SPCC1739.11c	0.9999914	Known	YES	YES	NO	YES
SPBC336.12c	SPBC725.16	0.9999914	Known	YES	YES	YES	YES
SPAC3H1.01c	SPBC29A10.15	0.9999913	Known	YES	YES	YES	YES
SPAC1006.03c	SPAC23C11.16	0.9999913	Known	NO	NO	NO	NO
SPCC18B5.03	SPAC144.13c	0.9999913	Known	NO	NO	NO	YES
SPAC4A8.05c	SPBC24C6.07	0.9999913	Known	NO	YES	NO	YES
SPCC1672.08c	SPBC28F2.12	0.9999913	Known	NO	YES	NO	YES
SPBC1105.04c	SPBC31F10.13c	0.9999913	Known	YES	YES	YES	NO
SPAC2F7.03c	SPBC800.05c	0.9999913	Known	NO	NO	NO	NO
SPAC17D4.02	SPBC25D12.03c	0.9999913	Known	NO	NO	YES	YES
SPCC1223.06	SPCPIE11.04c	0.9999913	Known	YES	YES	NO	NO
SPBC365.15	SPAC806.08c	0.9999913	Known	YES	NO	NO	YES
SPAC2F7.03c	SPBC26H8.07c	0.9999913	Known	NO	NO	NO	NO
SPAC30D11.09	SPAC644.12	0.9999913	Known	YES	NO	YES	NO
SPAC824.04	SPBC1709.08	0.9999913	Known	YES	NO	YES	YES
SPBC16G5.12c	SPBC342.05	0.9999913	Known	NO	YES	NO	YES
SPCC1739.03	SPAC1B1.01	0.9999913	Known	NO	NO	NO	YES
SPAC3G6.06c	SPAC1556.01c	0.9999913	Known	NO	YES	YES	YES
SPAC19G12.01c	SPAC6F12.15c	0.9999912	Known	YES	YES	YES	YES
SPCC18B5.03	SPAC26F1.10c	0.9999912	Known	NO	NO	YES	YES
SPAC24H6.05	SPBC15D4.03	0.9999912	Known	NO	YES	YES	YES
SPBC216.06c	SPCC1259.13	0.9999912	Known	NO	YES	NO	YES
SPAC222.10c	SPAC19E9.02	0.9999912	Known	YES	YES	YES	NO
SPAC13G6.01c	SPAC664.07c	0.9999912	Known	NO	NO	YES	YES
SPAC1F5.04c	SPAC631.01c	0.9999912	Known	YES	NO	YES	YES
SPAC2G11.12	SPAC644.14c	0.9999912	Known	NO	YES	YES	YES
SPBC530.14c	SPCC736.14	0.9999912	Known	YES	NO	NO	NO
SPBC4.04c	SPBC14C8.07c	0.9999912	Known	YES	YES	YES	YES
SPAC644.06c	SPBC15D4.03	0.9999912	Known	NO	NO	NO	YES
SPAC19G12.01c	SPAC17C9.01c	0.9999912	Known	YES	YES	YES	YES
SPAC1B9.02c	SPAC23C11.16	0.9999911	Known	NO	YES	YES	NO
SPBC1105.04c	SPCC16A11.17	0.9999911	Known	NO	NO	YES	YES
SPAC22H10.07	SPBC2F12.13	0.9999911	Known	NO	YES	NO	YES
SPCC736.14	SPAC1782.09c	0.9999911	Known	YES	NO	YES	NO
SPAC1834.08	SPBC725.02	0.9999911	Known	NO	YES	YES	NO
SPCC4G3.05c	SPBC342.05	0.9999911	Known	NO	YES	YES	YES
SPAC1783.03	SPCC1020.02	0.9999911	Known	NO	YES	YES	NO
SPCC126.02c	SPBC342.05	0.9999911	Known	NO	NO	YES	YES
SPCC736.11	SPBC29B5.01	0.9999911	Known	NO	YES	NO	YES
SPAC20G8.01	SPAC9E9.08	0.9999911	Known	NO	NO	NO	YES
SPBC211.06	SPBC428.20c	0.9999911	Known	YES	NO	YES	YES
SPCC645.06c	SPBC651.03c	0.9999911	Known	NO	NO	YES	NO
SPAC11H11.06	SPBC146.13c	0.9999911	Known	YES	YES	YES	NO
SPAPB1E7.02c	SPCC338.16	0.9999911	Known	NO	YES	YES	YES

SPCC4G3.19	SPAC806.08c	0.999991	Known	YES	NO	YES	YES
SPAC1687.20c	SPCC290.04	0.999991	Known	NO	NO	YES	YES
SPBC428.08c	SPAC18G6.02c	0.999991	Known	YES	YES	YES	YES
SPBC6B1.07	SPBC119.13c	0.999991	Known	YES	NO	YES	NO
SPAC1F3.02c	SPBC119.08	0.999991	Known	YES	YES	YES	YES
SPBC1685.15c	SPAC24H6.05	0.9999909	Known	YES	YES	NO	YES
SPCC18B5.11c	SPAC694.06c	0.9999909	Known	NO	YES	YES	YES
SPAC22H10.07	SPAC16E8.09	0.9999909	Known	YES	YES	YES	YES
SPAC3A11.08	SPCC970.07c	0.9999909	Known	YES	NO	YES	YES
SPBC23E6.07c	SPAC8F11.07c	0.9999909	Known	YES	YES	NO	NO
SPBC800.05c	SPCC1322.12c	0.9999909	Known	NO	NO	NO	YES
SPAC17C9.05c	SPBC28F2.12	0.9999909	Known	NO	YES	NO	YES
SPBC17D11.05	SPBC646.09c	0.9999909	Known	YES	YES	NO	YES
SPAC17C9.13c	SPCC5E4.04	0.9999909	Known	NO	NO	NO	YES
SPAC20H4.07	SPAC2G11.12	0.9999909	Known	NO	YES	YES	YES
SPBC26H8.07c	SPCC11E10.08	0.9999909	Known	NO	NO	NO	YES
SPAC57A10.05c	SPAC17G6.12	0.9999909	Known	YES	NO	YES	YES
SPBC428.08c	SPCC622.16c	0.9999909	Known	NO	YES	YES	YES
SPAC24H6.05	SPAC57A10.02	0.9999908	Known	NO	YES	YES	YES
SPCPIE11.04c	SPAC688.11	0.9999908	Known	YES	YES	YES	NO
SPBC216.05	SPBC20F10.06	0.9999908	Known	NO	YES	NO	YES
SPCPJ732.01	SPAC458.05	0.9999908	Known	YES	NO	NO	NO
SPAC23C11.15	SPAC29A4.18	0.9999908	Known	YES	YES	YES	YES
SPCC16A11.17	SPBC776.12c	0.9999908	Known	NO	YES	YES	YES
SPBC1778.02	SPAC16A10.07c	0.9999908	Known	YES	YES	YES	YES
SPAC17D4.02	SPAC1B2.05	0.9999908	Known	NO	YES	YES	YES
SPCC5E4.06	SPBC1921.02	0.9999908	Known	NO	YES	YES	YES
SPCC4G3.07c	SPBC146.09c	0.9999908	Known	YES	YES	YES	NO
SPAC3C7.03c	SPAC2G11.12	0.9999908	Known	NO	YES	YES	YES
SPAC1851.04c	SPBC4F6.12	0.9999908	Known	NO	NO	NO	NO
SPCC736.11	SPBC83.03c	0.9999907	Known	YES	YES	YES	YES
SPAC18G6.02c	SPAC1B1.01	0.9999907	Known	NO	NO	NO	YES
SPBC582.05c	SPAC11E3.08c	0.9999907	Known	NO	NO	NO	YES
SPAC24H6.05	SPBC336.12c	0.9999907	Known	YES	YES	NO	YES
SPAC589.02c	SPBC14F5.08	0.9999907	Known	YES	NO	YES	YES
SPCC16A11.17	SPAC8F11.07c	0.9999907	Known	NO	NO	NO	YES
SPAC644.12	SPAC22F8.10c	0.9999907	Known	YES	NO	NO	YES
SPBC19C2.05	SPBC26H8.10	0.9999907	Known	NO	YES	NO	NO
SPAC664.01c	SPAC3H5.06c	0.9999907	Known	NO	YES	NO	NO
SPAC19G12.02c	SPBC29A10.05	0.9999907	Known	NO	NO	YES	NO
SPBC16G5.12c	SPAC1687.05	0.9999906	Known	NO	NO	NO	YES
SPBC365.15	SPBC211.06	0.9999906	Known	YES	NO	YES	YES
SPAC16C9.06c	SPBC16A3.18	0.9999906	Known	YES	NO	NO	YES
SPBC211.04c	SPBC776.12c	0.9999906	Known	NO	YES	YES	YES
SPAC17D4.02	SPBC29A10.15	0.9999906	Known	YES	NO	YES	YES
SPCC1259.13	SPCC16A11.17	0.9999906	Known	NO	YES	NO	YES
SPAC23C11.16	SPBC244.01c	0.9999906	Known	YES	YES	NO	YES

SPAC23G3.01	SPBC14F5.08	0.9999906	Known	NO	NO	NO	YES
SPCC18B5.03	SPBC2G2.01c	0.9999906	Known	NO	NO	NO	NO
SPBC215.03c	SPAC17H9.10c	0.9999906	Known	YES	NO	YES	YES
SPAC22F3.13	SPBC646.09c	0.9999906	Known	YES	YES	NO	YES
SPBC342.05	SPBC14C8.07c	0.9999906	Known	NO	NO	YES	YES
SPBC342.05	SPCC338.16	0.9999906	Known	NO	YES	YES	YES
SPCC4G3.05c	SPAPB1E7.06c	0.9999906	Known	YES	YES	YES	YES
SPCC5E4.03c	SPAC6F12.15c	0.9999905	Known	NO	YES	NO	YES
SPAC694.06c	SPCC4B3.12	0.9999905	Known	YES	NO	YES	YES
SPCC645.05c	SPAC6F6.08c	0.9999905	Known	NO	YES	NO	YES
SPAC17C9.01c	SPAC6F12.15c	0.9999905	Known	YES	YES	YES	YES
SPCC4B3.15	SPAC1F5.08c	0.9999905	Known	NO	NO	NO	NO
SPBC646.09c	SPBP19A11.03c	0.9999905	Known	NO	YES	YES	YES
SPBC660.14	SPBC336.12c	0.9999905	Known	NO	NO	NO	YES
SPBC6B1.07	SPBC36.09	0.9999905	Known	NO	NO	YES	YES
SPBC216.06c	SPCC18B5.11c	0.9999905	Known	NO	YES	YES	YES
SPAC3C7.03c	SPAC1556.01c	0.9999905	Known	NO	YES	YES	YES
SPCC188.13c	SPAC664.01c	0.9999905	Known	NO	NO	YES	YES
SPAC17G6.12	SPCC338.16	0.9999904	Known	NO	NO	NO	YES
SPAC18G6.15	SPAC3G9.12	0.9999904	Known	YES	YES	YES	YES
SPBC409.09c	SPCC1020.02	0.9999904	Known	YES	YES	YES	YES
SPCC126.02c	SPAC1687.05	0.9999904	Known	NO	NO	NO	YES
SPBC3D6.09	SPBC25H2.13c	0.9999904	Known	YES	YES	YES	NO
SPBC776.12c	SPBC16A3.11	0.9999904	Known	NO	YES	NO	YES
SPBP23A10.13	SPBC646.14c	0.9999904	Known	YES	YES	YES	YES
SPAC458.05	SPAPJ696.01c	0.9999904	Known	NO	NO	NO	NO
SPCC417.07c	SPBC902.06	0.9999903	Known	YES	YES	YES	YES
SPAC222.10c	SPBC244.01c	0.9999903	Known	YES	YES	YES	YES
SPCC5E4.06	SPBC651.10	0.9999903	Known	YES	YES	YES	YES
SPAC1556.01c	SPAC17A5.11	0.9999903	Known	NO	YES	YES	YES
SPCC4G3.10c	SPAC12B10.12c	0.9999903	Known	YES	YES	YES	YES
SPBC582.03	SPCC16A11.17	0.9999903	Known	NO	NO	NO	YES
SPBC211.06	SPCC4G3.19	0.9999903	Known	YES	NO	YES	YES
SPBC409.07c	SPAC1751.01c	0.9999903	Known	NO	NO	NO	YES
SPBC16A3.15c	SPAC18G6.02c	0.9999903	Known	NO	NO	NO	NO
SPBC6B1.07	SPAC22A12.09c	0.9999902	Known	NO	NO	YES	YES
SPCC18B5.03	SPCC1259.13	0.9999902	Known	YES	YES	YES	YES
SPBC29A10.15	SPAC9E9.08	0.9999902	Known	NO	NO	YES	YES
SPBC1D7.05	SPBC1604.14c	0.9999902	Known	NO	YES	YES	YES
SPBC12D12.01	SPAC14C4.05c	0.9999902	Known	NO	NO	NO	NO
SPBC21.06c	SPBC1718.07c	0.9999902	Known	NO	YES	NO	YES
SPAC57A7.08	SPAC3F10.02c	0.9999902	Known	NO	NO	YES	NO
SPBC36.05c	SPAC23C11.15	0.9999902	Known	YES	YES	YES	YES
SPCC777.14	SPBC6B1.07	0.9999902	Known	NO	NO	YES	YES
SPAC6F12.15c	SPBC15D4.14	0.9999902	Known	NO	NO	NO	YES
SPAC24H6.05	SPAC19E9.02	0.9999901	Known	NO	YES	YES	YES
SPAC16A10.07c	SPAC13C5.07	0.9999901	Known	NO	YES	YES	YES

SPBC106.09	SPBC14C8.01c	0.9999901	Known	NO	NO	NO	YES
SPAC14C4.02c	SPBC1921.02	0.9999901	Known	NO	YES	YES	YES
SPBC29A10.15	SPAC14C4.13	0.9999901	Known	YES	YES	YES	YES
SPAC821.09	SPAC14C4.09	0.9999901	Known	YES	NO	YES	YES
SPBC16C6.06	SPAC4G9.13c	0.9999901	Known	NO	NO	YES	NO
SPAC24B11.11c	SPAPYUG7.03c	0.9999901	Known	YES	NO	NO	NO
SPBC1347.10	SPAC1B2.05	0.9999901	Known	YES	YES	YES	YES
SPBC3E7.08c	SPBC1734.06	0.9999901	Known	NO	YES	NO	YES
SPCC18B5.03	SPAC821.08c	0.9999901	Known	NO	YES	YES	YES
SPAC23E2.03c	SPAC27D7.03c	0.9999901	Known	YES	YES	NO	YES
SPAC24H6.06	SPAC17D4.02	0.99999	Known	YES	YES	YES	YES
SPAC589.02c	SPAC23H4.17c	0.99999	Known	YES	NO	YES	YES
SPBC12D12.04c	SPBC119.08	0.99999	Known	YES	YES	YES	YES
SPBC16G5.15c	SPBC4C3.12	0.99999	Known	YES	YES	YES	YES
SPBC1718.07c	SPCC1739.11c	0.99999	Known	NO	YES	NO	YES
SPAC57A10.02	SPBC649.05	0.99999	Known	NO	YES	NO	YES
SPBC16H5.11c	SPBC1604.14c	0.99999	Known	YES	YES	YES	YES
SPAC24H6.05	SPAC19D5.01	0.99999	Known	YES	YES	YES	YES
SPAC688.08	SPBC14F5.08	0.99999	Known	YES	YES	YES	YES
SPBC6B1.10	SPAC644.12	0.9999899	Known	YES	NO	YES	NO
SPCC126.02c	SPBC543.03c	0.9999899	Known	YES	YES	YES	YES
SPAC15A10.03c	SPCC1259.13	0.9999899	Known	NO	YES	NO	YES
SPCC188.11	SPAC644.12	0.9999899	Known	YES	YES	YES	NO
SPCC338.17c	SPAC6F12.15c	0.9999899	Known	NO	YES	NO	YES
SPBC4.04c	SPBC776.12c	0.9999899	Known	NO	YES	YES	YES
SPBC29A10.15	SPBC1347.10	0.9999899	Known	YES	NO	YES	YES
SPBC3E7.08c	SPAC3G6.06c	0.9999899	Known	NO	YES	NO	YES
SPBC725.16	SPAC22F3.09c	0.9999899	Known	YES	YES	YES	YES
SPAC19G12.15c	SPAC328.03	0.9999899	Known	NO	YES	YES	YES
SPAC17A5.02c	SPCC18B5.03	0.9999898	Known	NO	NO	NO	NO
SPBC6B1.07	SPAC227.12	0.9999898	Known	YES	NO	YES	NO
SPAC222.10c	SPAC6F12.12	0.9999898	Known	NO	NO	NO	YES
SPAC1F7.05	SPBC2G2.01c	0.9999898	Known	NO	NO	NO	NO
SPBC4.04c	SPAC8F11.07c	0.9999898	Known	NO	NO	NO	YES
SPAC19G12.14	SPBP4H10.04	0.9999898	Known	NO	NO	YES	YES
SPBC119.08	SPAC17G8.14c	0.9999898	Known	YES	YES	YES	YES
SPAC6G9.08	SPBP19A11.03c	0.9999898	Known	NO	NO	NO	YES
SPAC4H3.05	SPAC30D11.10	0.9999898	Known	NO	NO	NO	YES
SPAC17D4.02	SPAC23C4.18c	0.9999897	Known	YES	YES	YES	YES
SPAC18G6.15	SPCC1020.02	0.9999897	Known	NO	YES	YES	YES
SPAC22E12.07	SPAC1805.17	0.9999897	Known	NO	NO	NO	NO
SPAC22H10.10	SPCC895.07	0.9999897	Known	NO	YES	YES	YES
SPBC725.13c	SPBC216.05	0.9999897	Known	NO	NO	NO	YES
SPAPB1E7.02c	SPBC776.12c	0.9999897	Known	NO	YES	YES	YES
SPBC21.06c	SPAC1006.08	0.9999897	Known	NO	NO	NO	YES
SPCC1259.13	SPBC4.04c	0.9999897	Known	YES	YES	NO	YES
SPBC215.03c	SPCC1494.05c	0.9999897	Known	NO	NO	NO	YES

SPBC336.01	SPAC30D11.10	0.9999897	Known	NO	YES	YES	YES
SPBC2D10.06	SPBC16A3.11	0.9999897	Known	NO	YES	NO	NO
SPAC13D6.04c	SPAC24H6.03	0.9999896	Known	NO	NO	NO	YES
SPAC14C4.02c	SPBC651.10	0.9999896	Known	YES	YES	YES	YES
SPAC926.04c	SPBC660.14	0.9999896	Known	NO	YES	NO	YES
SPBC21.06c	SPBC18H10.04c	0.9999896	Known	NO	NO	NO	YES
SPBC216.07c	SPBC428.16c	0.9999896	Known	NO	YES	YES	YES
SPBC428.16c	SPBC30D10.10c	0.9999896	Known	NO	NO	NO	YES
SPBC29A10.15	SPBC14C8.07c	0.9999896	Known	YES	YES	YES	YES
SPCC18B5.03	SPBC21D10.12	0.9999896	Known	NO	YES	NO	NO
SPBC24C6.07	SPBC28F2.12	0.9999896	Known	NO	YES	NO	YES
SPAC24H6.05	SPAC23C11.16	0.9999896	Known	YES	YES	NO	YES
SPAC16A10.07c	SPAC9E9.08	0.9999896	Known	NO	NO	YES	YES
SPAC926.04c	SPAC821.04c	0.9999896	Known	YES	YES	NO	YES
SPBC14F5.03c	SPCC364.02c	0.9999895	Known	YES	NO	NO	NO
SPCC970.07c	SPCC613.12c	0.9999895	Known	YES	YES	YES	YES
SPAC19G12.01c	SPAC6F12.14	0.9999895	Known	YES	YES	YES	YES
SPAC4D7.03	SPBC14C8.07c	0.9999895	Known	NO	NO	NO	YES
SPCC553.09c	SPBC29A10.15	0.9999895	Known	YES	NO	YES	YES
SPAC2F3.15	SPAC23C11.16	0.9999895	Known	NO	YES	YES	YES
SPBC4F6.12	SPAC20G8.05c	0.9999895	Known	YES	YES	YES	YES
SPAC458.03	SPBC1604.17c	0.9999895	Known	YES	YES	YES	NO
SPAC2F7.03c	SPBC32H8.12c	0.9999895	Known	NO	YES	NO	YES
SPBC23G7.04c	SPAC644.06c	0.9999895	Known	YES	NO	NO	NO
SPAC26H5.06	SPAC1687.05	0.9999895	Known	NO	NO	NO	NO
SPBC13E7.02	SPAC644.12	0.9999895	Known	YES	YES	YES	NO
SPCC1259.13	SPBC1703.14c	0.9999895	Known	NO	YES	NO	YES
SPBC887.14c	SPAC8F11.07c	0.9999894	Known	NO	NO	YES	YES
SPAC16A10.07c	SPCC126.02c	0.9999894	Known	NO	YES	YES	YES
SPAC24B11.11c	SPBC4C3.12	0.9999894	Known	NO	NO	NO	YES
SPCC18B5.03	SPCC18B5.11c	0.9999894	Known	NO	YES	YES	YES
SPBC18H10.04c	SPCC1739.11c	0.9999894	Known	NO	NO	YES	YES
SPBC3E7.08c	SPAC644.14c	0.9999894	Known	NO	YES	NO	YES
SPAC16A10.07c	SPAC14C4.13	0.9999894	Known	NO	NO	YES	YES
SPBC19G7.05c	SPBC24C6.07	0.9999894	Known	NO	NO	NO	YES
SPCC1259.13	SPAC1F7.05	0.9999894	Known	YES	YES	NO	YES
SPBC4F6.12	SPCC4B3.15	0.9999894	Known	YES	YES	YES	YES
SPBC543.07	SPAC1F3.02c	0.9999894	Known	YES	YES	YES	YES
SPAC24B11.11c	SPBC244.01c	0.9999894	Known	YES	YES	YES	YES
SPAC13D6.01	SPBC17D11.05	0.9999894	Known	NO	YES	NO	NO
SPBC12D12.01	SPBC342.05	0.9999894	Known	NO	YES	NO	NO
SPBC582.03	SPBC4.04c	0.9999894	Known	NO	NO	NO	YES
SPAC664.01c	SPBC29A10.04	0.9999893	Known	NO	YES	NO	YES
SPAC13C5.07	SPAC9E9.08	0.9999893	Known	NO	NO	YES	YES
SPAC15A10.03c	SPAC30D11.10	0.9999893	Known	NO	NO	YES	YES
SPAC3H1.01c	SPBC14C8.07c	0.9999893	Known	YES	NO	YES	YES
SPAC17G6.16c	SPAC12G12.14c	0.9999893	Known	YES	NO	YES	YES

SPBC4.07c	SPBP19A11.03c	0.9999893	Known	YES	YES	YES	YES
SPAC9E9.08	SPAC23C4.18c	0.9999893	Known	NO	NO	YES	YES
SPCC736.11	SPAC1B1.01	0.9999893	Known	NO	NO	NO	YES
SPBC6B1.09c	SPAC13C5.07	0.9999893	Known	YES	YES	YES	YES
SPBC649.05	SPAC19E9.02	0.9999892	Known	YES	YES	YES	YES
SPBC2F12.08c	SPAC23C4.19	0.9999892	Known	NO	YES	NO	NO
SPAC24H6.05	SPBC4C3.12	0.9999892	Known	NO	NO	NO	YES
SPAPI698.03c	SPAC23C11.11	0.9999892	Known	NO	NO	NO	NO
SPCC126.02c	SPAC13C5.07	0.9999892	Known	NO	NO	YES	YES
SPAC1420.03	SPBP19A11.03c	0.9999892	Known	NO	YES	YES	YES
SPAC13C5.07	SPAC14C4.13	0.9999892	Known	NO	NO	YES	YES
SPAC664.01c	SPAC6F12.09	0.9999892	Known	YES	NO	YES	NO
SPAPB8E5.02c	SPBP19A11.03c	0.9999892	Novel	NO	YES	YES	YES
SPAC630.03	SPCC1672.06c	0.9999892	Known	YES	YES	NO	NO
SPAC23C4.18c	SPAC14C4.13	0.9999892	Known	NO	NO	YES	YES
SPBC32F12.04	SPBC2F12.13	0.9999892	Known	YES	NO	NO	YES
SPCC18B5.03	SPAC144.17c	0.9999892	Known	NO	YES	NO	NO
SPAC977.10	SPAC3F10.02c	0.9999892	Known	YES	NO	NO	NO
SPAC24H6.05	SPBC1604.14c	0.9999892	Known	NO	YES	NO	YES
SPBC32F12.04	SPCC736.14	0.9999892	Known	YES	NO	NO	YES
SPAC24H6.05	SPAC22F3.09c	0.9999891	Known	YES	YES	NO	YES
SPBC20F10.04c	SPAC2G11.12	0.9999891	Known	YES	YES	YES	YES
SPBC12D12.01	SPAC222.14c	0.9999891	Known	NO	NO	NO	NO
SPBC146.07	SPAC644.12	0.9999891	Known	NO	NO	YES	YES
SPAC19D5.01	SPAC26F1.10c	0.9999891	Known	NO	YES	YES	YES
SPAC22E12.09c	SPBC28F2.10c	0.9999891	Known	NO	NO	NO	NO
SPBC428.08c	SPAC29B12.02c	0.9999891	Known	NO	NO	YES	NO
SPAC664.07c	SPCC306.04c	0.9999891	Known	NO	NO	YES	YES
SPAC4F8.13c	SPAC631.01c	0.9999891	Known	NO	NO	YES	YES
SPBC342.05	SPAC8F11.07c	0.9999891	Known	NO	YES	NO	YES
SPCC1620.09c	SPAC19B12.05c	0.9999891	Known	NO	NO	NO	YES
SPAC24H6.05	SPBC17F3.02	0.9999891	Known	YES	YES	NO	YES
SPBC800.03	SPBC29B5.01	0.9999891	Known	YES	NO	YES	YES
SPBC1D7.05	SPAC1F5.09c	0.999989	Known	NO	YES	YES	YES
SPCC594.05c	SPCC306.04c	0.999989	Known	YES	NO	YES	YES
SPBC1604.14c	SPAC1F5.09c	0.999989	Known	NO	YES	YES	YES
SPBC31E1.05	SPCC895.07	0.999989	Known	NO	NO	NO	NO
SPCC1223.06	SPCC16C4.08c	0.999989	Known	NO	YES	YES	YES
SPAC56F8.10	SPAC343.10	0.999989	Known	NO	YES	NO	NO
SPAC6F12.14	SPAC23C11.16	0.999989	Known	NO	YES	NO	NO
SPBC11B10.09	SPBC146.03c	0.999989	Known	NO	YES	NO	YES
SPCC1259.13	SPBC342.05	0.999989	Known	NO	YES	YES	YES
SPBC25D12.03c	SPBC776.12c	0.9999889	Known	NO	YES	YES	YES
SPBP8B7.14c	SPAC23C4.18c	0.9999889	Known	YES	NO	YES	YES
SPBC16G5.01	SPBC106.09	0.9999889	Known	NO	NO	NO	YES
SPAC24H6.05	SPBC16H5.11c	0.9999889	Known	NO	YES	NO	YES
SPAC23C4.18c	SPBC1347.10	0.9999889	Known	YES	YES	YES	YES

SPBC4.04c	SPAC27E2.05	0.9999889	Known	NO	YES	NO	YES
SPAC890.02c	SPCC895.07	0.9999889	Known	YES	YES	YES	YES
SPAC12B10.12c	SPBC19C7.09c	0.9999889	Known	NO	NO	YES	YES
SPBC36.05c	SPCC622.16c	0.9999889	Known	NO	YES	YES	YES
SPAC19G12.10c	SPCC364.02c	0.9999889	Known	NO	YES	NO	NO
SPBC16G5.12c	SPAC9E9.08	0.9999889	Known	NO	NO	NO	YES
SPBC660.14	SPAC22F3.09c	0.9999888	Known	NO	NO	NO	YES
SPAC15A10.08	SPBC1778.06c	0.9999888	Known	YES	YES	YES	YES
SPCC18B5.11c	SPBC4.04c	0.9999888	Known	NO	YES	NO	YES
SPAC24B11.11c	SPAC6F12.12	0.9999888	Known	NO	NO	NO	YES
SPBC3B9.16c	SPAC15F9.02	0.9999888	Known	YES	YES	YES	YES
SPCC1259.13	SPAC20G8.01	0.9999888	Known	NO	YES	NO	YES
SPBC16H5.11c	SPAC1F5.09c	0.9999888	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC725.16	0.9999888	Known	NO	NO	NO	YES
SPAC24H6.05	SPCC1795.11	0.9999888	Known	YES	YES	YES	YES
SPAC17D4.02	SPBC1347.10	0.9999887	Known	YES	YES	YES	YES
SPBC685.09	SPBC29A10.15	0.9999887	Known	YES	YES	YES	YES
SPAC57A10.02	SPAC821.08c	0.9999887	Known	NO	YES	NO	YES
SPAC57A7.04c	SPAC821.04c	0.9999887	Known	YES	NO	NO	NO
SPBC660.07	SPAC328.03	0.9999887	Known	NO	YES	YES	YES
SPCC1259.13	SPBC25D12.03c	0.9999887	Known	NO	YES	NO	YES
SPAC1D4.11c	SPBC530.14c	0.9999887	Known	NO	YES	YES	NO
SPAC1687.18c	SPAC6F12.15c	0.9999886	Known	NO	YES	NO	YES
SPAC664.07c	SPBC1921.05	0.9999886	Known	NO	NO	NO	YES
SPCC18B5.11c	SPAPB1E7.02c	0.9999886	Known	NO	YES	NO	YES
SPBC649.05	SPAC23C11.16	0.9999886	Known	YES	YES	YES	YES
SPAC4F10.15c	SPBC17F3.02	0.9999886	Known	YES	YES	YES	YES
SPAC144.13c	SPAC6F12.15c	0.9999886	Known	NO	NO	YES	YES
SPBC1718.01	SPBC582.03	0.9999886	Known	NO	YES	YES	YES
SPCC126.02c	SPAC9E9.08	0.9999886	Known	NO	NO	NO	YES
SPBC582.03	SPAC57A10.02	0.9999886	Known	NO	YES	YES	YES
SPAC17C9.13c	SPBC106.09	0.9999886	Known	NO	NO	YES	YES
SPBC17D11.05	SPAC1751.03	0.9999886	Known	YES	YES	YES	YES
SPAPB2B4.03	SPCC16A11.17	0.9999886	Known	NO	NO	NO	YES
SPAC24B11.06c	SPAC1805.17	0.9999886	Known	NO	NO	YES	YES
SPBC36.09	SPAC644.12	0.9999885	Known	YES	NO	YES	YES
SPBC4.04c	SPBC800.05c	0.9999885	Known	NO	NO	NO	NO
SPAC18B11.10	SPBC409.07c	0.9999885	Known	NO	YES	NO	YES
SPAC3C7.11c	SPAC22A12.15c	0.9999885	Known	YES	YES	YES	NO
SPBC19G7.01c	SPAC3G6.06c	0.9999885	Known	NO	NO	NO	YES
SPBC13E7.09	SPBC146.13c	0.9999885	Known	YES	YES	YES	YES
SPCC16C4.07	SPBC244.01c	0.9999885	Known	YES	NO	NO	YES
SPAC3A11.14c	SPBC32F12.04	0.9999885	Known	NO	NO	NO	YES
SPAC3H1.01c	SPBC685.09	0.9999885	Known	YES	YES	YES	YES
SPCC5E4.06	SPCC645.04	0.9999885	Known	YES	YES	YES	YES
SPAC22E12.09c	SPCC1795.09	0.9999885	Known	YES	NO	YES	NO
SPBC582.03	SPBC336.12c	0.9999885	Known	NO	YES	NO	YES

SPBC1105.04c	SPBC29A10.15	0.9999884	Known	YES	NO	YES	YES
SPAC29A4.08c	SPAC644.12	0.9999884	Known	YES	YES	YES	YES
SPBC16A3.05c	SPAC3C7.08c	0.9999884	Known	NO	NO	YES	YES
SPCC126.02c	SPAC14C4.13	0.9999884	Known	NO	YES	NO	YES
SPAC22F3.13	SPAC19E9.03	0.9999884	Known	NO	YES	YES	YES
SPCC1795.11	SPBC14C8.07c	0.9999884	Known	NO	YES	YES	YES
SPAC23C11.16	SPAC1782.09c	0.9999884	Known	YES	YES	YES	YES
SPAC4A8.05c	SPAC926.03	0.9999884	Known	YES	YES	YES	YES
SPAC6B12.10c	SPCC895.07	0.9999884	Known	NO	NO	NO	NO
SPBC543.07	SPBC12D12.04c	0.9999883	Known	YES	YES	YES	YES
SPAC144.13c	SPAC22F3.09c	0.9999883	Known	NO	NO	NO	YES
SPAC30D11.10	SPBC342.05	0.9999883	Known	NO	YES	NO	YES
SPAC23H3.05c	SPCC306.04c	0.9999883	Known	YES	NO	YES	YES
SPCC4G3.05c	SPBC19C7.09c	0.9999883	Known	YES	NO	NO	YES
SPAC222.10c	SPCC188.02	0.9999883	Known	NO	NO	NO	YES
SPAC12G12.03	SPAC17A2.09c	0.9999883	Known	YES	YES	YES	YES
SPAC22A12.09c	SPAC644.12	0.9999883	Known	YES	NO	YES	YES
SPBC8D2.19	SPAC3C7.06c	0.9999883	Known	NO	YES	YES	NO
SPBC4F6.15c	SPAC688.10	0.9999883	Known	NO	YES	NO	NO
SPAC25G10.08	SPBC646.09c	0.9999883	Known	YES	YES	NO	YES
SPBC32F12.04	SPBC428.20c	0.9999883	Known	YES	NO	YES	YES
SPBC16C6.10	SPAC18G6.02c	0.9999882	Known	YES	YES	YES	YES
SPBC800.05c	SPCC895.07	0.9999882	Known	NO	NO	YES	YES
SPBC26H8.07c	SPCC895.07	0.9999882	Known	NO	NO	YES	NO
SPAC24H6.05	SPBC409.07c	0.9999882	Known	YES	YES	YES	YES
SPCC777.14	SPAC644.12	0.9999882	Known	NO	NO	YES	YES
SPAC20G8.05c	SPAC1006.08	0.9999882	Known	YES	NO	NO	YES
SPAC18B11.10	SPAC630.14c	0.9999881	Known	YES	YES	YES	YES
SPAC23C11.16	SPBC1861.02	0.9999881	Known	NO	YES	NO	NO
SPBC1A4.05	SPBC12D12.01	0.9999881	Known	NO	NO	NO	NO
SPAC3A11.08	SPAC17H9.19c	0.9999881	Known	YES	NO	YES	YES
SPAC3A11.08	SPBC428.08c	0.9999881	Known	YES	NO	YES	YES
SPCC18B5.03	SPAPB2B4.03	0.9999881	Known	NO	YES	YES	YES
SPBC216.05	SPBC409.05	0.9999881	Known	NO	YES	NO	YES
SPBC800.03	SPBC1105.04c	0.9999881	Known	YES	NO	YES	YES
SPAC977.10	SPAC11G7.02	0.9999881	Known	NO	NO	NO	YES
SPBC29A10.15	SPBC776.12c	0.9999881	Known	NO	YES	YES	YES
SPAC23C11.15	SPAC23H4.12	0.9999881	Known	YES	YES	YES	YES
SPBC13G1.13	SPAC17A5.06	0.9999881	Known	YES	YES	YES	NO
SPAC24H6.12c	SPCC895.07	0.9999881	Known	NO	YES	NO	NO
SPBC336.15	SPCC320.13c	0.9999881	Known	YES	YES	YES	NO
SPCC18B5.03	SPBC1718.07c	0.9999881	Known	NO	YES	NO	NO
SPBP22H7.07	SPAC644.12	0.9999881	Known	YES	YES	YES	YES
SPCC18B5.03	SPAC29A4.02c	0.9999881	Known	NO	NO	NO	YES
SPAPB2B4.03	SPBC16A3.11	0.999988	Known	NO	YES	NO	YES
SPBC211.06	SPAC806.08c	0.999988	Known	YES	NO	YES	YES
SPAC1B9.02c	SPBC106.10	0.999988	Known	NO	YES	YES	YES

SPAC9E9.08	SPAC821.04c	0.999988	Known	NO	NO	YES	YES
SPBC409.07c	SPAC630.14c	0.999988	Known	YES	YES	NO	YES
SPAC1782.09c	SPBC244.01c	0.999988	Known	YES	YES	YES	YES
SPCC338.16	SPAC9E9.08	0.999988	Known	NO	NO	NO	YES
SPAC22E12.07	SPAC25A8.01c	0.9999879	Known	NO	NO	NO	NO
SPAC24H6.05	SPAC644.06c	0.9999879	Known	YES	NO	NO	YES
SPBC557.03c	SPAC1952.13	0.9999879	Known	NO	NO	NO	YES
SPAC6G10.12c	SPBC4C3.12	0.9999879	Known	NO	YES	YES	YES
SPAC23G3.01	SPCC1442.10c	0.9999879	Known	YES	YES	YES	YES
SPBC28F2.12	SPAC23C4.15	0.9999879	Known	NO	YES	YES	YES
SPAC22H10.07	SPBC1604.14c	0.9999879	Known	YES	YES	YES	YES
SPAC24H6.09	SPAC821.12	0.9999879	Known	NO	YES	YES	YES
SPCC18B5.11c	SPAC20G8.01	0.9999879	Known	NO	YES	NO	YES
SPAC6B12.10c	SPBC342.05	0.9999879	Known	YES	NO	YES	YES
SPCC338.17c	SPBC29A10.14	0.9999879	Known	NO	YES	NO	YES
SPAC27D7.03c	SPBC19C2.05	0.9999879	Known	YES	YES	NO	YES
SPAP27G11.15	SPAC2G11.12	0.9999879	Known	NO	YES	YES	YES
SPAC1687.18c	SPCC338.17c	0.9999878	Known	YES	YES	YES	YES
SPBC409.07c	SPCC1322.08	0.9999878	Known	YES	YES	YES	YES
SPAC821.04c	SPAC14C4.13	0.9999878	Known	NO	YES	YES	YES
SPCC1259.13	SPBC29A10.15	0.9999878	Known	NO	YES	NO	YES
SPCC338.16	SPAC14C4.13	0.9999878	Known	NO	NO	NO	YES
SPBC16H5.05c	SPAC644.12	0.9999878	Known	YES	NO	YES	NO
SPCC18B5.11c	SPBC25D12.03c	0.9999878	Known	NO	YES	NO	YES
SPBC1685.15c	SPBC32F12.04	0.9999878	Known	YES	NO	NO	YES
SPBC32F12.04	SPBC365.15	0.9999878	Known	YES	NO	YES	YES
SPAC18B11.10	SPBC29B5.01	0.9999877	Known	YES	YES	NO	YES
SPBC354.03	SPCC306.04c	0.9999877	Known	YES	NO	YES	YES
SPCC663.12	SPCC1322.12c	0.9999877	Known	NO	YES	YES	NO
SPAC1565.08	SPAC2C4.15c	0.9999877	Known	YES	YES	YES	NO
SPAC16A10.06c	SPAC2G11.12	0.9999877	Known	NO	YES	YES	YES
SPBC19C2.01	SPAC23C11.11	0.9999877	Known	NO	YES	NO	NO
SPAC18B11.10	SPAC23E2.01	0.9999877	Known	NO	YES	NO	NO
SPAC19D5.06c	SPAC26A3.12c	0.9999876	Known	NO	NO	YES	NO
SPAC24H6.05	SPCC1322.08	0.9999876	Known	YES	YES	NO	YES
SPAC14C4.02c	SPCC645.04	0.9999876	Known	YES	YES	YES	YES
SPBC409.04c	SPCC1020.02	0.9999876	Known	YES	YES	YES	YES
SPBC660.14	SPAC644.06c	0.9999876	Known	NO	YES	YES	YES
SPAC637.10c	SPBC106.09	0.9999876	Known	NO	NO	NO	YES
SPAC24H6.05	SPCC338.16	0.9999876	Known	NO	YES	NO	YES
SPAC9G1.05	SPAC821.04c	0.9999876	Known	YES	NO	NO	NO
SPAC24H6.05	SPBC14C8.07c	0.9999876	Known	NO	NO	YES	YES
SPCC188.02	SPAC6F12.12	0.9999876	Known	YES	YES	YES	YES
SPAC6F12.15c	SPBC106.10	0.9999876	Known	NO	YES	NO	YES
SPAC22F3.13	SPCC364.02c	0.9999876	Known	NO	NO	NO	NO
SPBC336.12c	SPBC26H8.07c	0.9999875	Known	NO	NO	NO	NO
SPAC13G6.01c	SPAC4C5.04	0.9999875	Known	NO	NO	YES	YES

SPAC17C9.13c	SPCC1450.11c	0.9999875	Known	NO	NO	NO	NO
SPAC227.16c	SPBC25H2.13c	0.9999875	Known	NO	NO	YES	NO
SPBC342.05	SPCC4B3.12	0.9999875	Known	YES	NO	YES	YES
SPAC140.02	SPAC12G12.13c	0.9999875	Known	YES	YES	YES	NO
SPCC18B5.11c	SPCC306.03c	0.9999875	Known	NO	NO	NO	NO
SPAC24B11.11c	SPCC16C4.07	0.9999875	Known	NO	NO	NO	YES
SPAC30D11.10	SPAC1687.05	0.9999875	Known	NO	NO	NO	YES
SPBC211.04c	SPCC364.02c	0.9999875	Known	NO	NO	NO	NO
SPAC24B11.11c	SPBP4H10.04	0.9999874	Known	NO	NO	YES	YES
SPBC336.12c	SPBC428.18	0.9999874	Known	NO	NO	NO	NO
SPAC17C9.13c	SPAC2G11.12	0.9999874	Known	NO	NO	YES	YES
SPAPB2B4.03	SPBC4.04c	0.9999874	Known	NO	NO	NO	YES
SPBC12D12.01	SPBC244.01c	0.9999874	Known	YES	YES	NO	YES
SPAC23G3.01	SPCC1672.08c	0.9999874	Known	NO	YES	NO	YES
SPAC664.01c	SPCC1322.12c	0.9999874	Known	NO	YES	YES	YES
SPAC24H6.06	SPBC776.12c	0.9999874	Known	NO	YES	YES	YES
SPBC582.05c	SPBC1734.06	0.9999874	Known	NO	NO	NO	YES
SPBC32F12.04	SPCC4G3.19	0.9999873	Known	YES	NO	NO	YES
SPCC1739.03	SPCC663.12	0.9999873	Known	YES	YES	YES	YES
SPCC338.17c	SPAC1782.09c	0.9999873	Known	NO	YES	YES	NO
SPCC576.15c	SPCC24B10.07	0.9999873	Known	NO	YES	YES	NO
SPBC20F10.04c	SPCC5E4.06	0.9999873	Known	YES	YES	YES	YES
SPBC800.03	SPBC428.08c	0.9999873	Known	YES	NO	YES	YES
SPBC3E7.08c	SPAC4C5.04	0.9999873	Known	NO	NO	NO	YES
SPBC3E7.08c	SPAC1D4.06c	0.9999873	Known	NO	NO	NO	YES
SPBC660.14	SPCC338.16	0.9999872	Known	NO	NO	NO	YES
SPAC343.09	SPAC1565.08	0.9999872	Known	NO	YES	YES	NO
SPAC17D4.02	SPBC1105.04c	0.9999872	Known	YES	YES	YES	YES
SPAC24B11.11c	SPCC188.02	0.9999871	Known	NO	NO	NO	YES
SPAC630.14c	SPBC29B5.01	0.9999871	Known	YES	YES	NO	YES
SPBC23E6.07c	SPBC83.14c	0.9999871	Known	YES	YES	YES	YES
SPCC584.04	SPAC8F11.07c	0.9999871	Known	NO	NO	NO	YES
SPCC18B5.11c	SPAC1B2.05	0.9999871	Known	NO	YES	NO	YES
SPAC22E12.14c	SPBC106.10	0.9999871	Known	NO	YES	YES	YES
SPAC22E12.09c	SPAC4A8.04	0.9999871	Known	YES	NO	NO	NO
SPAC24H6.03	SPBC215.03c	0.999987	Known	NO	NO	NO	YES
SPAC23H3.08c	SPCC1322.12c	0.999987	Known	YES	YES	YES	YES
SPBC3E7.08c	SPBC14C8.01c	0.999987	Known	NO	NO	NO	YES
SPAC13D6.01	SPAC17G6.12	0.999987	Known	YES	NO	YES	YES
SPBC649.05	SPAC1786.03	0.999987	Known	YES	NO	YES	NO
SPBP35G2.03c	SPCC1322.12c	0.999987	Known	YES	NO	YES	NO
SPBC3E7.08c	SPBC20F10.04c	0.999987	Known	NO	NO	NO	YES
SPAC24H6.03	SPBC17D11.01	0.999987	Known	NO	NO	NO	YES
SPCC1259.13	SPAC16A10.07c	0.999987	Known	NO	YES	YES	YES
SPBC776.12c	SPAC23C4.18c	0.999987	Known	NO	YES	YES	YES
SPAC926.04c	SPBC9B6.10	0.9999869	Known	YES	NO	YES	YES
SPAC24H6.05	SPAC26F1.10c	0.9999869	Known	NO	YES	YES	YES

SPBC19G7.05c	SPAC1565.06c	0.9999869	Known	NO	NO	NO	YES
SPAC6F12.15c	SPAC821.08c	0.9999869	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC649.05	0.9999869	Known	NO	YES	NO	YES
SPBC947.11c	SPBC83.14c	0.9999869	Known	YES	YES	YES	YES
SPAC24B11.11c	SPAC1782.09c	0.9999869	Known	YES	YES	NO	YES
SPAC12G12.03	SPBC29B5.01	0.9999869	Known	NO	YES	NO	YES
SPBC18H10.06c	SPCC306.04c	0.9999869	Known	YES	NO	YES	YES
SPCC1739.14	SPBC16A3.05c	0.9999869	Known	YES	NO	NO	YES
SPBC2D10.12	SPBP19A11.03c	0.9999869	Known	NO	NO	YES	YES
SPAC30D11.10	SPBC543.03c	0.9999869	Known	NO	NO	NO	YES
SPBC649.05	SPAC644.06c	0.9999868	Known	YES	NO	NO	YES
SPCC18B5.11c	SPBC29A10.15	0.9999868	Known	NO	YES	YES	YES
SPBC2F12.13	SPAC17H9.17c	0.9999868	Known	NO	NO	NO	NO
SPCC1739.13	SPBC646.09c	0.9999868	Known	NO	NO	NO	NO
SPCC1753.02c	SPAC1B9.02c	0.9999868	Known	NO	NO	NO	NO
SPAC24B11.11c	SPAC6G10.12c	0.9999868	Known	NO	NO	NO	YES
SPAC17D4.02	SPBC776.12c	0.9999868	Known	NO	YES	YES	YES
SPAP8A3.09c	SPCC188.02	0.9999868	Known	YES	NO	NO	YES
SPBC582.03	SPAC6F12.15c	0.9999868	Known	NO	YES	NO	YES
SPBC660.14	SPAC144.13c	0.9999868	Known	NO	NO	NO	YES
SPBC23E6.07c	SPAC31A2.15c	0.9999868	Known	YES	YES	YES	NO
SPCC550.13	SPBC1347.10	0.9999868	Known	NO	YES	YES	YES
SPAC13G7.02c	SPBC646.09c	0.9999867	Novel	NO	NO	NO	NO
SPAC4H3.05	SPAC644.14c	0.9999867	Known	NO	YES	NO	YES
SPBC646.14c	SPBC29A10.15	0.9999867	Known	YES	YES	YES	YES
SPCC1259.13	SPAC23C4.18c	0.9999867	Known	NO	YES	YES	YES
SPBC19C2.05	SPAC12G12.13c	0.9999867	Known	NO	YES	NO	NO
SPBC17D11.01	SPAC17G6.12	0.9999867	Known	NO	NO	NO	NO
SPCC16C4.09	SPCC1739.12	0.9999866	Known	NO	NO	NO	YES
SPAC23A1.06c	SPAC29A4.16	0.9999866	Known	NO	YES	YES	YES
SPAC4F8.15	SPAC20G8.03	0.9999866	Known	YES	NO	NO	NO
SPBC582.03	SPAC17C9.01c	0.9999866	Known	NO	YES	NO	YES
SPAC24H6.05	SPAC1782.09c	0.9999866	Known	YES	YES	YES	YES
SPCC1795.01c	SPCC1322.12c	0.9999866	Known	YES	YES	YES	YES
SPAC22E12.09c	SPAC1006.01	0.9999866	Known	NO	YES	NO	NO
SPAC8E11.02c	SPAPJ698.03c	0.9999866	Known	NO	NO	NO	NO
SPAC2F3.15	SPAC1782.09c	0.9999866	Known	YES	NO	YES	YES
SPCC338.17c	SPBC776.12c	0.9999865	Known	NO	YES	NO	YES
SPBC336.01	SPAC644.14c	0.9999865	Known	NO	YES	YES	YES
SPBC336.04	SPBC11B10.09	0.9999865	Known	NO	YES	NO	YES
SPAC18G6.15	SPCC1322.12c	0.9999865	Known	NO	YES	YES	YES
SPBC32H8.02c	SPAC17G6.12	0.9999865	Known	NO	NO	NO	NO
SPBC1718.01	SPAPB2B4.03	0.9999865	Known	NO	YES	YES	YES
SPCC4G3.05c	SPAC11E3.08c	0.9999865	Known	NO	YES	NO	YES
SPBC685.09	SPBC1347.10	0.9999865	Known	YES	NO	YES	YES
SPAC4A8.05c	SPAC27F1.02c	0.9999865	Known	YES	YES	YES	YES
SPCC1259.13	SPAC17D4.02	0.9999865	Known	NO	YES	NO	YES

SPBPB8B6.04c	SPAC821.08c	0.9999864	Known	NO	NO	NO	NO
SPCC188.04c	SPCC1020.02	0.9999864	Known	YES	YES	YES	YES
SPCC1259.13	SPCC1795.11	0.9999864	Known	YES	YES	NO	YES
SPAC6B12.15	SPBC12D12.04c	0.9999864	Known	NO	YES	YES	NO
SPAC14C4.02c	SPBC20F10.04c	0.9999864	Known	YES	YES	YES	YES
SPAC9.10	SPAC17A2.01	0.9999864	Known	YES	YES	YES	NO
SPAC3G9.14	SPAC8C9.03	0.9999864	Known	NO	NO	NO	NO
SPBC26H8.10	SPBC776.02c	0.9999863	Known	NO	NO	YES	NO
SPAC3H1.01c	SPBC646.14c	0.9999863	Known	YES	YES	YES	YES
SPBC3D6.10	SPBC19C7.09c	0.9999863	Known	NO	YES	NO	YES
SPBP19A11.03c	SPAC26A3.16	0.9999863	Known	NO	NO	YES	YES
SPBC21.06c	SPAC6F6.08c	0.9999863	Known	YES	YES	NO	YES
SPBC19C7.09c	SPAC11E3.08c	0.9999863	Known	NO	NO	NO	YES
SPAC1783.07c	SPBC29B5.01	0.9999863	Known	NO	YES	YES	YES
SPAC17H9.20	SPAC664.01c	0.9999863	Known	NO	NO	NO	YES
SPBC12D12.01	SPAC3A11.05c	0.9999863	Known	YES	NO	NO	YES
SPBC947.11c	SPAC27E2.10c	0.9999863	Known	YES	YES	YES	NO
SPAC1687.03c	SPBC947.11c	0.9999863	Known	YES	YES	NO	NO
SPBC19G7.06	SPAC23C11.16	0.9999863	Known	NO	NO	NO	NO
SPAC18G6.02c	SPAC664.01c	0.9999862	Known	YES	YES	YES	YES
SPAC4H3.05	SPAC20H4.07	0.9999862	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC887.10	0.9999862	Known	YES	YES	YES	YES
SPAC16A10.07c	SPAC30D11.10	0.9999862	Known	NO	YES	NO	YES
SPAC9G1.09	SPBC244.01c	0.9999862	Known	YES	YES	YES	YES
SPBC947.11c	SPAC23D3.02	0.9999862	Known	YES	YES	NO	NO
SPBC365.15	SPBC902.06	0.9999862	Known	YES	YES	YES	YES
SPBC1105.04c	SPBC1347.10	0.9999862	Known	YES	YES	YES	YES
SPAC17A2.09c	SPBC16A3.18	0.9999862	Known	YES	YES	YES	YES
SPBC3D6.04c	SPBC800.05c	0.9999861	Known	NO	NO	NO	NO
SPAC15A10.03c	SPAC644.14c	0.9999861	Known	NO	YES	YES	YES
SPBC685.09	SPBC14C8.07c	0.9999861	Known	YES	NO	YES	YES
SPBC336.01	SPAC20H4.07	0.9999861	Known	NO	YES	YES	YES
SPBC19C2.05	SPAC22F3.09c	0.9999861	Known	YES	YES	NO	YES
SPAC27D7.13c	SPAC3C7.12	0.9999861	Known	YES	YES	YES	YES
SPBC20F10.06	SPAC31A2.05c	0.9999861	Known	NO	YES	NO	YES
SPAC821.12	SPBC1604.14c	0.9999861	Known	NO	YES	YES	YES
SPBC16G5.12c	SPCC1259.13	0.9999861	Known	NO	YES	NO	YES
SPAPB1E7.02c	SPAC3G6.06c	0.9999861	Known	NO	YES	YES	YES
SPAC4H3.05	SPAC3C7.03c	0.9999861	Known	NO	YES	YES	YES
SPAC6F6.08c	SPCC1739.11c	0.9999861	Known	YES	YES	YES	YES
SPAC664.01c	SPCC622.16c	0.9999861	Known	NO	YES	YES	YES
SPAC3A11.08	SPBC17D11.01	0.9999861	Known	YES	NO	NO	NO
SPCC188.02	SPBC29A10.14	0.9999861	Known	NO	NO	NO	YES
SPCC553.09c	SPBC685.09	0.999986	Known	NO	NO	YES	YES
SPBC11B10.09	SPCC1739.11c	0.999986	Known	NO	YES	NO	YES
SPBC11B10.09	SPCC1322.12c	0.999986	Known	NO	YES	YES	YES
SPAC821.12	SPBC17F3.02	0.999986	Known	YES	YES	YES	YES

SPBC6B1.07	SPBC1289.11	0.999986	Known	YES	NO	YES	YES
SPAC1834.07	SPBC28F2.10c	0.999986	Known	NO	NO	NO	NO
SPBC409.07c	SPAC23A1.06c	0.9999859	Known	YES	YES	YES	YES
SPBC336.01	SPAC3C7.03c	0.9999859	Known	NO	YES	YES	YES
SPBC1347.10	SPBC14F5.12c	0.9999859	Known	YES	NO	NO	YES
SPAC16A10.07c	SPCC18B5.11c	0.9999859	Known	NO	YES	NO	YES
SPAC9E9.10c	SPBC1347.10	0.9999859	Known	YES	YES	NO	YES
SPCC1259.13	SPAC9E9.08	0.9999859	Known	NO	NO	YES	YES
SPAC637.07	SPAC22H10.07	0.9999859	Known	NO	YES	NO	YES
SPAC24B11.06c	SPCC18B5.03	0.9999859	Known	NO	YES	NO	YES
SPBC21D10.12	SPBC17F3.02	0.9999859	Known	YES	YES	YES	YES
SPBC146.07	SPCC962.06c	0.9999859	Known	YES	NO	YES	NO
SPAP27G11.15	SPCC5E4.06	0.9999858	Known	NO	YES	YES	NO
SPBC19G7.06	SPBC4C3.12	0.9999858	Known	YES	YES	YES	YES
SPCC5E4.03c	SPAC1952.05	0.9999858	Known	YES	NO	YES	NO
SPAC821.12	SPBC16H5.11c	0.9999858	Known	NO	YES	YES	YES
SPAC24H6.05	SPBC776.12c	0.9999858	Known	NO	YES	YES	YES
SPAC19G12.01c	SPBC1198.12	0.9999858	Known	NO	YES	NO	NO
SPBC211.02c	SPCC364.02c	0.9999858	Known	NO	NO	NO	NO
SPCC1259.13	SPCC4G3.05c	0.9999858	Known	NO	YES	NO	YES
SPBC1105.04c	SPBC14C8.07c	0.9999858	Known	NO	NO	YES	YES
SPCC5E4.03c	SPCC16C4.18c	0.9999857	Known	YES	YES	YES	NO
SPCC1259.13	SPCC126.02c	0.9999857	Known	NO	YES	NO	YES
SPAC31G5.01	SPBC6B1.07	0.9999857	Known	NO	NO	YES	NO
SPAC17H9.19c	SPAC9E9.08	0.9999857	Known	NO	NO	YES	YES
SPBC776.12c	SPBC1347.10	0.9999857	Known	NO	YES	YES	YES
SPAC24H6.05	SPAC23A1.06c	0.9999857	Known	YES	YES	YES	YES
SPCC1259.13	SPAC14C4.13	0.9999857	Known	NO	YES	YES	YES
SPAC19G12.02c	SPAC3G6.06c	0.9999857	Known	NO	YES	NO	YES
SPBC16G5.12c	SPBC582.03	0.9999857	Known	NO	YES	NO	YES
SPAC1783.07c	SPCC962.03c	0.9999857	Known	YES	NO	NO	YES
SPBC19C2.05	SPBC725.16	0.9999857	Known	NO	NO	NO	YES
SPAPB1E7.06c	SPBC1921.02	0.9999856	Known	NO	NO	YES	YES
SPAC16A10.06c	SPCC5E4.06	0.9999856	Known	YES	YES	YES	YES
SPCC18B5.11c	SPAC23C4.18c	0.9999856	Known	NO	YES	YES	YES
SPBC887.14c	SPBC1734.02c	0.9999856	Known	NO	NO	YES	YES
SPAC1783.07c	SPBC1604.08c	0.9999856	Known	NO	NO	NO	YES
SPCC1739.12	SPAC17G8.14c	0.9999856	Known	NO	YES	YES	YES
SPBC1347.10	SPAC8F11.07c	0.9999855	Known	YES	YES	NO	YES
SPAC17H9.19c	SPAC14C4.13	0.9999855	Known	NO	NO	YES	YES
SPAC17H9.03c	SPAC2G11.12	0.9999855	Known	NO	YES	YES	YES
SPAC15A10.03c	SPAC3C7.03c	0.9999855	Known	NO	YES	YES	YES
SPAC644.04	SPAC23C4.19	0.9999855	Known	NO	YES	NO	YES
SPBC21.01	SPAC1687.20c	0.9999855	Known	YES	YES	YES	YES
SPAC27F1.04c	SPAC1687.20c	0.9999855	Known	NO	YES	NO	YES
SPAPB1E7.02c	SPAC644.14c	0.9999855	Known	NO	YES	YES	YES
SPAC24H6.05	SPCC1259.13	0.9999855	Known	YES	YES	YES	YES

SPAC19G12.01c	SPAC8C9.03	0.9999855	Known	NO	NO	NO	NO
SPBC3E7.08c	SPAC8E11.02c	0.9999854	Known	NO	NO	NO	YES
SPAC24H6.03	SPAC22A12.03c	0.9999854	Known	NO	NO	NO	NO
SPAC644.14c	SPAC22F3.03c	0.9999854	Known	NO	YES	YES	YES
SPAC3G6.06c	SPBC342.05	0.9999854	Known	NO	YES	YES	YES
SPAC1952.07	SPCC306.04c	0.9999854	Known	NO	NO	YES	YES
SPCC338.17c	SPAC30D11.10	0.9999854	Known	NO	YES	YES	YES
SPCC1259.13	SPAC644.06c	0.9999854	Known	YES	YES	YES	YES
SPAC17D4.02	SPCC18B5.11c	0.9999854	Known	NO	YES	NO	YES
SPBC16G5.15c	SPBC19G7.06	0.9999853	Known	YES	YES	YES	YES
SPAC3A12.11c	SPAC644.12	0.9999853	Known	YES	YES	YES	YES
SPBC12C2.02c	SPBC32F12.09	0.9999853	Known	NO	NO	NO	NO
SPCC962.03c	SPBC1604.08c	0.9999853	Known	YES	YES	YES	YES
SPCC1739.12	SPBC26H8.10	0.9999853	Known	NO	YES	YES	NO
SPBC16G5.12c	SPAC30D11.10	0.9999853	Known	NO	YES	NO	YES
SPAC22E12.09c	SPCC1259.10	0.9999853	Known	NO	YES	YES	NO
SPAC24H6.05	SPAC821.08c	0.9999852	Known	NO	YES	YES	YES
SPAC25G10.08	SPAC1751.03	0.9999852	Known	YES	YES	YES	YES
SPBC800.09	SPAC23C11.16	0.9999852	Known	YES	YES	NO	NO
SPCC16C4.18c	SPBC15D4.14	0.9999852	Known	YES	YES	YES	NO
SPCC645.05c	SPAC1565.06c	0.9999852	Known	NO	YES	NO	YES
SPAC4D7.05	SPBP19A11.03c	0.9999852	Known	NO	YES	NO	YES
SPAC644.06c	SPAC821.08c	0.9999851	Known	YES	NO	NO	YES
SPAC3C7.12	SPBC1604.20c	0.9999851	Known	YES	YES	YES	YES
SPAC1687.13c	SPCC1494.05c	0.9999851	Known	NO	NO	NO	YES
SPAC13G7.08c	SPAC23C4.18c	0.9999851	Known	NO	NO	NO	YES
SPAC23C4.08	SPCC895.05	0.9999851	Known	NO	YES	YES	NO
SPAC17G6.16c	SPBC3B9.11c	0.9999851	Known	YES	NO	YES	YES
SPBC342.05	SPBC1734.02c	0.9999851	Known	NO	YES	YES	YES
SPCC825.03c	SPAC607.10	0.999985	Known	YES	NO	YES	NO
SPBC3B9.02c	SPAC644.12	0.999985	Known	YES	NO	YES	NO
SPAC25G10.04c	SPAC644.14c	0.999985	Known	YES	NO	YES	NO
SPBC336.12c	SPBC32H8.12c	0.999985	Known	NO	NO	NO	YES
SPCC1259.13	SPCC338.16	0.999985	Known	NO	YES	NO	YES
SPAC1834.01	SPCC584.04	0.999985	Known	YES	NO	YES	NO
SPAC24B11.11c	SPAC9G1.09	0.999985	Known	YES	YES	YES	YES
SPBC582.03	SPAC644.06c	0.999985	Known	NO	NO	NO	YES
SPBC365.05c	SPAC644.12	0.9999849	Known	YES	NO	NO	NO
SPCC1753.02c	SPAC1A6.04c	0.9999849	Known	NO	NO	NO	YES
SPBC582.05c	SPCC645.04	0.9999849	Known	NO	NO	NO	YES
SPBC660.13c	SPAC30D11.10	0.9999849	Known	NO	YES	YES	YES
SPAC1952.07	SPCC970.01	0.9999849	Known	NO	NO	NO	NO
SPCC4G3.05c	SPAC30D11.10	0.9999849	Known	NO	YES	YES	YES
SPACUNK4.06c	SPBC28F2.12	0.9999849	Known	NO	YES	YES	YES
SPBC1289.03c	SPCC1020.02	0.9999849	Known	NO	YES	NO	YES
SPBC106.09	SPBC20F10.06	0.9999849	Known	NO	NO	NO	YES
SPBC409.07c	SPBC19C2.05	0.9999849	Known	YES	YES	YES	NO

SPCC18B5.03	SPBC25B2.05	0.9999849	Known	NO	NO	NO	YES
SPAC637.07	SPBC646.09c	0.9999849	Known	YES	YES	YES	YES
SPAC27E2.05	SPAC9E9.08	0.9999848	Known	NO	NO	NO	YES
SPBC3E7.08c	SPBC16D10.09	0.9999848	Known	NO	YES	NO	YES
SPBC342.05	SPAC644.14c	0.9999848	Known	YES	YES	YES	YES
SPCC18B5.11c	SPAC9E9.08	0.9999848	Known	NO	NO	YES	YES
SPAC1952.07	SPBC1921.05	0.9999848	Known	NO	NO	NO	YES
SPAC12G12.03	SPBC16A3.18	0.9999848	Known	YES	YES	YES	YES
SPAC16A10.07c	SPAC664.07c	0.9999847	Known	NO	YES	YES	YES
SPBC409.07c	SPBC9B6.10	0.9999847	Known	YES	YES	YES	YES
SPBC17D11.06	SPAC9E9.08	0.9999847	Known	NO	NO	NO	YES
SPBC16E9.14c	SPAC17D4.03c	0.9999847	Known	YES	YES	YES	NO
SPBC530.14c	SPBC146.07	0.9999847	Known	NO	NO	NO	NO
SPCC18B5.03	SPAC1952.07	0.9999847	Known	NO	YES	YES	YES
SPAC27E2.05	SPAC14C4.13	0.9999846	Known	NO	NO	NO	YES
SPAC8E11.02c	SPBC19C2.01	0.9999846	Known	NO	NO	NO	NO
SPCC18B5.03	SPBC16H5.07c	0.9999846	Known	NO	NO	YES	YES
SPCC4G3.05c	SPCC18B5.11c	0.9999846	Known	NO	YES	YES	YES
SPAC16A10.06c	SPAC14C4.02c	0.9999846	Known	YES	YES	YES	YES
SPAC9G1.09	SPAC2F3.15	0.9999846	Known	NO	YES	NO	YES
SPCC126.02c	SPCC18B5.11c	0.9999846	Known	NO	YES	NO	YES
SPBC6B1.07	SPCC1281.02c	0.9999846	Known	NO	NO	YES	NO
SPAC27F1.02c	SPAC1F5.04c	0.9999845	Known	YES	YES	YES	YES
SPBC582.03	SPBC14C8.07c	0.9999845	Known	NO	NO	NO	YES
SPCC364.02c	SPAC1687.05	0.9999845	Known	NO	NO	NO	NO
SPBC17D11.06	SPAC14C4.13	0.9999845	Known	YES	NO	NO	YES
SPBC800.03	SPBC36.05c	0.9999845	Known	YES	YES	YES	YES
SPBC16A3.18	SPBC29B5.01	0.9999845	Known	NO	YES	NO	YES
SPAC1783.07c	SPBC646.09c	0.9999844	Known	YES	NO	YES	NO
SPAC688.02c	SPCC1020.02	0.9999844	Known	YES	YES	YES	YES
SPCC550.13	SPBC776.12c	0.9999844	Known	YES	YES	YES	YES
SPBC342.05	SPBC18H10.06c	0.9999844	Known	YES	NO	NO	YES
SPBC13G1.08c	SPCC594.05c	0.9999844	Known	YES	YES	YES	YES
SPAC13C5.07	SPAC664.07c	0.9999844	Known	NO	YES	YES	YES
SPAC8E11.02c	SPCC11E10.08	0.9999844	Known	NO	NO	YES	YES
SPAC664.07c	SPAC23C4.18c	0.9999844	Known	NO	YES	YES	YES
SPCC1259.13	SPAC144.13c	0.9999844	Known	NO	NO	NO	YES
SPAC27F1.04c	SPBC11C11.03	0.9999843	Known	YES	YES	YES	YES
SPAC1687.20c	SPBP22H7.09c	0.9999843	Known	YES	YES	YES	YES
SPBC3E7.08c	SPBC4F6.15c	0.9999843	Known	NO	YES	NO	YES
SPAC24H6.05	SPCC18B5.11c	0.9999843	Known	NO	YES	YES	YES
SPAC6F6.08c	SPAC20G8.05c	0.9999843	Known	NO	YES	NO	YES
SPAC4A8.05c	SPAP8A3.08	0.9999843	Known	YES	YES	YES	YES
SPBC1709.01	SPAC6F6.08c	0.9999843	Known	NO	YES	YES	YES
SPAC18G6.07c	SPBC646.12c	0.9999843	Known	NO	NO	NO	YES
SPAC17H9.19c	SPBC25H2.12c	0.9999842	Known	NO	NO	NO	NO
SPBC12D12.03	SPAC17H9.19c	0.9999842	Known	NO	NO	NO	NO

SPAC31G5.13	SPBP19A11.03c	0.9999841	Known	YES	YES	YES	YES
SPBC12D12.06	SPAC589.02c	0.9999841	Known	YES	NO	YES	YES
SPAC144.13c	SPAC821.08c	0.9999841	Known	NO	NO	YES	YES
SPAC227.16c	SPBC19G7.05c	0.9999841	Known	NO	NO	NO	YES
SPAC4F10.10c	SPCC895.07	0.9999841	Known	NO	NO	NO	NO
SPAC1B1.01	SPBC29B5.01	0.9999841	Known	YES	YES	YES	YES
SPBC1718.07c	SPBC244.01c	0.999984	Known	NO	YES	NO	YES
SPBC21B10.05c	SPAC458.03	0.999984	Known	YES	YES	YES	YES
SPBC1709.15c	SPAC824.04	0.999984	Known	YES	NO	YES	YES
SPBC1718.07c	SPBC1D7.05	0.999984	Known	NO	YES	NO	YES
SPBC646.14c	SPBC1347.10	0.999984	Known	YES	NO	YES	YES
SPAPB2B4.03	SPAC22F3.09c	0.999984	Known	NO	YES	YES	YES
SPAC17G6.16c	SPAC22G7.10	0.999984	Known	YES	NO	YES	YES
SPAC16A10.07c	SPAC17G8.13c	0.999984	Known	NO	NO	YES	NO
SPBC26H8.07c	SPAC1786.03	0.999984	Known	NO	NO	NO	NO
SPAC110.03	SPCC895.05	0.999984	Known	NO	YES	NO	NO
SPAC4H3.05	SPAC1D4.06c	0.9999839	Known	NO	YES	NO	YES
SPBC1105.04c	SPAC9E9.10c	0.9999839	Known	YES	YES	YES	YES
SPBC1105.04c	SPBC14F5.12c	0.9999839	Known	YES	YES	YES	YES
SPCC18B5.03	SPAC823.15	0.9999839	Novel	NO	NO	NO	NO
SPBC11B10.06	SPAC2G11.12	0.9999839	Known	NO	YES	YES	YES
SPBC2F12.13	SPBC27.02c	0.9999839	Known	YES	NO	NO	YES
SPBC582.03	SPAC144.13c	0.9999839	Known	NO	NO	NO	YES
SPCC645.05c	SPAC926.03	0.9999839	Known	YES	YES	YES	YES
SPBC24C6.06	SPBC1D7.05	0.9999839	Known	NO	NO	NO	YES
SPAC4F10.15c	SPBC21D10.12	0.9999839	Known	NO	YES	YES	YES
SPAC23E2.03c	SPBC19C2.05	0.9999839	Known	YES	YES	NO	YES
SPAC8E11.03c	SPAC22F3.03c	0.9999839	Known	NO	YES	YES	YES
SPCC550.02c	SPAC644.12	0.9999838	Known	YES	NO	YES	NO
SPCC18B5.03	SPAC4C5.04	0.9999838	Known	NO	NO	NO	YES
SPAC24B11.06c	SPAC11G7.02	0.9999838	Known	YES	NO	NO	YES
SPBC839.10	SPCC364.02c	0.9999838	Known	NO	NO	NO	NO
SPCC18B5.11c	SPAC821.04c	0.9999838	Known	NO	YES	YES	YES
SPAC6F12.11c	SPBC21H7.05	0.9999837	Known	YES	YES	YES	YES
SPCC18B5.11c	SPCC338.16	0.9999837	Known	NO	YES	NO	YES
SPAC17G6.16c	SPAC824.04	0.9999837	Known	YES	NO	YES	YES
SPAC24H6.05	SPAC14C4.03	0.9999837	Known	NO	NO	NO	NO
SPBC4F6.15c	SPAC17H9.10c	0.9999837	Known	NO	YES	NO	YES
SPBC20F10.04c	SPCC970.01	0.9999837	Known	NO	NO	NO	NO
SPAC6G9.08	SPBC29B5.01	0.9999837	Known	NO	NO	NO	YES
SPAC9E9.10c	SPBC14F5.12c	0.9999837	Known	YES	YES	YES	YES
SPBC409.06	SPBP19A11.03c	0.9999837	Known	NO	NO	NO	YES
SPCC16C4.07	SPAC9G1.09	0.9999837	Known	NO	NO	NO	YES
SPBC19C2.05	SPBC29A10.14	0.9999836	Known	NO	YES	NO	NO
SPCC553.09c	SPBC17D11.06	0.9999836	Known	YES	YES	YES	NO
SPAC3G9.14	SPCC285.09c	0.9999836	Known	NO	NO	NO	NO
SPBC12D12.01	SPCC417.05c	0.9999836	Known	NO	NO	NO	NO

SPAC4H3.05	SPBC20F10.04c	0.9999836	Known	NO	NO	NO	YES
SPAC328.03	SPBC106.10	0.9999836	Known	NO	YES	NO	NO
SPAC1142.03c	SPAC644.14c	0.9999836	Known	YES	YES	YES	YES
SPBC646.14c	SPBC14C8.07c	0.9999836	Known	YES	YES	YES	YES
SPBC16C6.06	SPAC15E1.06	0.9999836	Known	NO	NO	NO	NO
SPBC12D12.01	SPAC12G12.15	0.9999835	Known	YES	YES	NO	NO
SPBC646.11	SPAC17H9.19c	0.9999835	Known	NO	NO	NO	NO
SPBC365.12c	SPCC364.02c	0.9999835	Known	YES	NO	YES	NO
SPCC5E4.03c	SPAC13F5.02c	0.9999835	Known	YES	NO	YES	NO
SPBC725.16	SPAC19E9.03	0.9999835	Known	NO	NO	YES	YES
SPAPB2B4.03	SPBC725.16	0.9999835	Known	NO	NO	YES	YES
SPAC1952.07	SPBC1703.14c	0.9999835	Known	NO	NO	NO	YES
SPCC553.09c	SPAC6B12.10c	0.9999834	Known	YES	NO	YES	NO
SPBC582.05c	SPBC20F10.04c	0.9999834	Known	NO	NO	NO	YES
SPAC20G4.04c	SPCC306.04c	0.9999834	Known	NO	NO	YES	YES
SPAC2G11.12	SPBC20F10.06	0.9999834	Known	NO	YES	NO	YES
SPBC336.08	SPCC1020.02	0.9999834	Known	YES	YES	YES	YES
SPAC1F7.04	SPCC645.07	0.9999834	Known	YES	YES	YES	YES
SPBC428.03c	SPAC3C7.11c	0.9999834	Known	YES	NO	NO	NO
SPAC3C7.11c	SPBC21H7.03c	0.9999834	Novel	NO	NO	NO	NO
SPBC18H10.03	SPBC17D11.05	0.9999833	Known	YES	YES	YES	YES
SPCC1259.13	SPAC11E3.08c	0.9999833	Known	NO	YES	NO	YES
SPBC13G1.08c	SPAC23H3.05c	0.9999833	Known	YES	NO	YES	YES
SPAC6B12.08	SPAC23C11.16	0.9999833	Known	NO	NO	NO	NO
SPCC126.02c	SPAC664.07c	0.9999833	Known	NO	NO	NO	YES
SPAC24B11.11c	SPAC664.07c	0.9999833	Known	NO	YES	NO	NO
SPBC106.06	SPAC17H9.19c	0.9999833	Known	NO	NO	NO	NO
SPAC15A10.03c	SPAC1D4.06c	0.9999833	Known	NO	YES	NO	YES
SPAC637.07	SPBC16A3.15c	0.9999833	Known	NO	NO	NO	NO
SPCC550.05	SPCC5E4.06	0.9999833	Known	YES	YES	YES	YES
SPCC18B5.03	SPBC11B10.09	0.9999832	Known	NO	YES	YES	YES
SPCC18B5.06	SPCC584.04	0.9999832	Known	NO	NO	NO	YES
SPBC32F12.04	SPBC211.06	0.9999832	Known	YES	NO	NO	YES
SPAC24B11.11c	SPAC14C4.09	0.9999832	Known	NO	NO	NO	YES
SPAC19G12.14	SPBC609.02	0.9999832	Known	NO	NO	YES	NO
SPBC428.18	SPBC14C8.07c	0.9999831	Known	YES	NO	YES	NO
SPBC1289.11	SPAC644.12	0.9999831	Known	YES	NO	YES	YES
SPAC890.02c	SPBC557.03c	0.9999831	Known	NO	NO	YES	NO
SPCC338.17c	SPAC17G8.13c	0.9999831	Known	NO	NO	NO	YES
SPBC24C6.07	SPAC2F7.03c	0.9999831	Known	NO	YES	YES	NO
SPAC18B11.10	SPBC3B8.02	0.999983	Known	NO	NO	NO	YES
SPAC17G6.16c	SPBC776.02c	0.999983	Known	YES	NO	NO	YES
SPBC776.12c	SPAC8F11.07c	0.999983	Known	NO	YES	NO	YES
SPCC970.04c	SPBC21.06c	0.999983	Known	NO	YES	YES	YES
SPBP4H10.04	SPAC20G4.07c	0.999983	Known	NO	NO	NO	NO
SPAC13D6.05	SPBC11C11.04c	0.9999829	Known	NO	YES	YES	YES
SPAC644.14c	SPBC543.03c	0.9999829	Known	NO	YES	YES	YES

SPAC18B11.10	SPAC8C9.03	0.9999829	Known	NO	NO	YES	YES
SPBC2A9.12	SPBP23A10.13	0.9999829	Known	YES	YES	YES	YES
SPAC13F5.02c	SPBC15D4.14	0.9999828	Known	YES	NO	YES	NO
SPCC1259.13	SPBC776.12c	0.9999828	Known	NO	YES	YES	YES
SPAC637.07	SPAPB8E5.02c	0.9999828	Novel	NO	YES	NO	YES
SPAC1420.03	SPAC637.07	0.9999828	Known	NO	YES	NO	YES
SPAC9G1.09	SPAC6G10.12c	0.9999828	Known	NO	NO	NO	YES
SPAC15A10.03c	SPBC11B10.09	0.9999827	Known	NO	YES	NO	YES
SPBC409.07c	SPAC2G11.07c	0.9999827	Known	NO	NO	NO	YES
SPAC20G4.04c	SPBC1921.05	0.9999827	Known	NO	NO	NO	YES
SPBC8D2.10c	SPAC23A1.10	0.9999827	Novel	NO	NO	NO	NO
SPBC839.15c	SPBC8D2.10c	0.9999827	Known	NO	NO	NO	NO
SPAC24B11.11c	SPBC16A3.01	0.9999827	Known	NO	YES	NO	YES
SPCC794.09c	SPBC8D2.10c	0.9999827	Novel	NO	NO	NO	NO
SPBC16A3.05c	SPAC1610.03c	0.9999826	Known	NO	NO	NO	YES
SPCC645.06c	SPAC1F7.04	0.9999826	Known	NO	YES	YES	YES
SPAC24B11.11c	SPBC1718.07c	0.9999826	Known	NO	YES	NO	YES
SPBC119.08	SPAC1F5.09c	0.9999826	Known	NO	YES	YES	YES
SPAC19G12.01c	SPCC285.09c	0.9999825	Known	NO	NO	NO	YES
SPBC354.03	SPBC13G1.08c	0.9999825	Known	YES	NO	YES	YES
SPBC16H5.11c	SPCC364.02c	0.9999825	Known	NO	NO	NO	NO
SPAC24B11.06c	SPAC19D5.01	0.9999825	Known	YES	YES	YES	YES
SPAC1F7.05	SPAC4C5.04	0.9999825	Known	NO	NO	NO	YES
SPCC4G3.05c	SPBC1921.02	0.9999825	Known	NO	YES	YES	YES
SPAC1952.07	SPAC20G8.01	0.9999824	Known	NO	YES	NO	YES
SPAC23G3.01	SPAC23C4.15	0.9999824	Known	NO	YES	YES	YES
SPBC2D10.12	SPAC6F12.15c	0.9999824	Known	NO	NO	YES	YES
SPAC664.07c	SPAC821.04c	0.9999824	Known	NO	NO	YES	YES
SPAC13C5.07	SPAC3G6.06c	0.9999824	Known	NO	YES	YES	YES
SPAC5D6.05	SPAC589.02c	0.9999824	Known	YES	NO	YES	YES
SPAC24H6.05	SPAPB2B4.03	0.9999823	Known	NO	YES	YES	YES
SPAC343.05	SPAC607.09c	0.9999823	Known	NO	NO	YES	NO
SPAC17H9.09c	SPCC1223.06	0.9999823	Known	NO	NO	YES	YES
SPCC297.03	SPBC32H8.12c	0.9999823	Known	NO	YES	YES	YES
SPBC646.14c	SPBC685.09	0.9999822	Known	YES	YES	YES	YES
SPAC926.04c	SPCC4F11.02	0.9999822	Known	NO	NO	NO	NO
SPAC630.14c	SPBC3B8.02	0.9999822	Known	YES	NO	NO	YES
SPAC1565.08	SPBC14C8.01c	0.9999822	Known	NO	NO	NO	YES
SPBC4F6.15c	SPBC19G7.01c	0.9999822	Known	NO	NO	YES	YES
SPBC3B9.11c	SPAC22F3.09c	0.9999821	Known	NO	NO	NO	NO
SPBC582.03	SPBC646.09c	0.9999821	Known	NO	YES	YES	NO
SPCC550.05	SPAC14C4.02c	0.9999821	Known	YES	YES	YES	YES
SPBC1105.04c	SPAC27E2.05	0.9999821	Known	NO	YES	NO	YES
SPAC630.14c	SPAC8C9.03	0.9999821	Known	NO	NO	NO	YES
SPAP8A3.08	SPAC1F5.04c	0.999982	Known	YES	YES	YES	YES
SPAC17A2.13c	SPAC22F8.11	0.9999819	Known	NO	YES	NO	YES
SPAC8E11.02c	SPAC22F8.11	0.9999819	Known	YES	YES	NO	YES

SPBC1685.15c	SPBC27.02c	0.9999818	Known	YES	NO	NO	YES
SPBP16F5.07	SPBP4H10.04	0.9999818	Known	YES	NO	NO	NO
SPBC2F12.13	SPBC28F2.06c	0.9999818	Known	NO	NO	NO	NO
SPBC660.14	SPAC29A4.02c	0.9999818	Known	NO	NO	NO	YES
SPBC428.16c	SPAC630.13c	0.9999818	Known	NO	YES	YES	YES
SPAPB2B4.03	SPBC14C8.07c	0.9999817	Known	NO	NO	NO	YES
SPAC24B11.11c	SPAC1006.08	0.9999817	Known	NO	NO	NO	YES
SPAC589.02c	SPBC21.04	0.9999817	Known	YES	NO	NO	YES
SPBP4H10.04	SPBC119.08	0.9999817	Known	YES	NO	YES	YES
SPAC1142.03c	SPAC664.01c	0.9999816	Known	NO	YES	YES	NO
SPBC582.03	SPAC821.08c	0.9999816	Known	YES	YES	YES	YES
SPBC12D12.01	SPBC947.12	0.9999816	Known	YES	YES	NO	NO
SPAC1783.03	SPAC1687.20c	0.9999816	Known	YES	YES	YES	YES
SPBC839.17c	SPBC30D10.10c	0.9999814	Known	NO	NO	NO	YES
SPAC6F12.02	SPAC8C9.03	0.9999814	Known	NO	NO	NO	NO
SPBC336.12c	SPAC4C5.04	0.9999814	Known	NO	NO	NO	YES
SPCC18B5.11c	SPBC776.12c	0.9999814	Known	NO	YES	YES	YES
SPAC3G6.06c	SPAC9E9.08	0.9999814	Known	NO	NO	NO	YES
SPAC22H10.10	SPBC16A3.15c	0.9999814	Known	NO	NO	NO	YES
SPAC24H6.03	SPAC1687.13c	0.9999814	Known	NO	NO	NO	YES
SPBC215.05	SPBC409.07c	0.9999814	Known	YES	NO	YES	NO
SPBC6B1.09c	SPAC3G6.06c	0.9999814	Known	NO	YES	YES	YES
SPAC15A10.08	SPBC32H8.12c	0.9999813	Known	YES	NO	YES	YES
SPBC342.05	SPBC14C8.01c	0.9999813	Known	NO	NO	YES	YES
SPBC13G1.08c	SPBC18H10.06c	0.9999813	Known	YES	NO	YES	YES
SPBC19C7.09c	SPBC1734.06	0.9999813	Known	NO	NO	NO	YES
SPAC24B11.06c	SPAPYUG7.02c	0.9999812	Known	NO	YES	YES	NO
SPCC1020.04c	SPBC28F2.12	0.9999812	Known	NO	YES	YES	YES
SPBC582.05c	SPAC16A10.06c	0.9999812	Known	NO	NO	NO	YES
SPAC24B11.11c	SPAC9G1.11c	0.9999812	Known	NO	YES	NO	YES
SPBC30D10.04	SPAC2G11.12	0.9999811	Known	YES	YES	YES	YES
SPAC17C9.13c	SPBP19A11.03c	0.9999811	Known	NO	NO	YES	YES
SPAC637.10c	SPBC17D11.07c	0.9999811	Known	YES	NO	YES	YES
SPBC32H8.12c	SPBC1778.06c	0.9999811	Known	YES	NO	YES	YES
SPCC330.10	SPBC32H8.10	0.9999811	Known	YES	NO	NO	NO
SPAC22H10.10	SPBC800.05c	0.9999811	Known	NO	NO	NO	YES
SPCC1259.13	SPAC27E2.05	0.9999811	Known	NO	YES	NO	YES
SPBC36.05c	SPBC29B5.01	0.9999811	Known	YES	YES	NO	YES
SPAC57A7.04c	SPBC16A3.05c	0.9999811	Known	NO	NO	NO	YES
SPBC106.20	SPBC651.03c	0.999981	Known	NO	NO	YES	NO
SPBC11B10.09	SPBC342.05	0.999981	Known	NO	YES	YES	YES
SPAC3G9.14	SPBC14C8.01c	0.999981	Known	NO	NO	NO	YES
SPAPB2B4.03	SPAC144.13c	0.999981	Known	NO	NO	YES	YES
SPCC1259.13	SPCC18B5.11c	0.999981	Known	NO	YES	YES	YES
SPBC1718.01	SPBC11B10.09	0.999981	Known	NO	YES	YES	YES
SPAC57A10.02	SPBC11B10.09	0.999981	Known	NO	YES	YES	YES
SPBC725.16	SPBC19F5.01c	0.999981	Known	NO	NO	NO	YES

SPAC9E9.08	SPBC1734.02c	0.999981	Known	NO	NO	NO	YES
SPBC17G9.04c	SPAC15F9.02	0.999981	Known	YES	YES	YES	YES
SPCC1259.13	SPBC17D11.06	0.9999809	Known	YES	NO	NO	YES
SPAC2G11.07c	SPAC26F1.10c	0.9999809	Known	NO	NO	YES	YES
SPAC3G6.06c	SPBC19C7.09c	0.9999809	Known	NO	NO	NO	YES
SPAC1952.07	SPBC29A10.15	0.9999809	Known	NO	NO	YES	YES
SPAC19G12.02c	SPBC649.03	0.9999809	Known	NO	NO	NO	YES
SPCC297.03	SPAC24B11.06c	0.9999809	Known	YES	YES	YES	NO
SPBC16G5.12c	SPAC644.14c	0.9999808	Known	NO	YES	NO	YES
SPAC1F7.04	SPAC1006.06	0.9999808	Known	YES	YES	NO	NO
SPBC11B10.09	SPBC336.12c	0.9999808	Known	NO	YES	YES	YES
SPCC777.14	SPBP22H7.07	0.9999808	Known	NO	NO	YES	YES
SPBC660.13c	SPBC119.14	0.9999807	Known	NO	YES	YES	YES
SPCC18B5.11c	SPAC17H9.19c	0.9999807	Known	NO	YES	YES	YES
SPBC409.07c	SPAC23D3.04c	0.9999807	Known	YES	NO	NO	NO
SPCC1259.13	SPAC6B12.10c	0.9999807	Known	NO	NO	NO	YES
SPBC409.04c	SPCC736.14	0.9999807	Known	YES	NO	NO	YES
SPBC3F6.05	SPAC1F7.04	0.9999807	Known	YES	NO	NO	YES
SPBC4.07c	SPBC646.09c	0.9999807	Known	NO	YES	YES	YES
SPBC800.03	SPAC664.01c	0.9999806	Known	YES	NO	YES	YES
SPAC1556.01c	SPBC21B10.12	0.9999806	Known	NO	NO	YES	YES
SPBC1A4.02c	SPBC409.07c	0.9999806	Known	NO	NO	NO	YES
SPBC16A3.07c	SPAC22F3.09c	0.9999806	Known	YES	NO	NO	NO
SPAC6F12.15c	SPAC688.13	0.9999806	Known	NO	NO	NO	NO
SPAC21E11.03c	SPCC188.13c	0.9999806	Known	NO	YES	NO	YES
SPAC644.14c	SPAC9E9.08	0.9999806	Known	NO	NO	NO	YES
SPBC1604.14c	SPCC16C4.08c	0.9999806	Known	NO	YES	YES	YES
SPBC16D10.09	SPBC16A3.11	0.9999805	Known	NO	YES	NO	NO
SPAC1D4.13	SPBC1D7.05	0.9999805	Known	NO	YES	YES	YES
SPAC13C5.07	SPAC17A5.11	0.9999805	Known	NO	NO	YES	YES
SPCC757.09c	SPBP4H10.04	0.9999805	Known	NO	NO	NO	YES
SPCC736.11	SPAC17A2.13c	0.9999805	Known	NO	YES	NO	YES
SPAC8E11.02c	SPCC736.11	0.9999805	Known	NO	YES	NO	YES
SPAPB8E5.02c	SPBC646.09c	0.9999804	Known	NO	YES	YES	YES
SPAC1420.03	SPBC646.09c	0.9999804	Known	NO	YES	YES	YES
SPBC660.13c	SPAC644.14c	0.9999804	Known	NO	NO	YES	YES
SPAC9G1.09	SPBC19C2.05	0.9999804	Known	NO	YES	YES	YES
SPCC4G3.05c	SPAC644.14c	0.9999804	Known	NO	YES	YES	YES
SPCC1259.13	SPAC13G7.08c	0.9999804	Known	NO	NO	NO	YES
SPAC19G12.01c	SPCC1795.01c	0.9999804	Known	NO	YES	NO	YES
SPAC24B11.06c	SPAC29A4.16	0.9999804	Known	NO	YES	YES	YES
SPBC4C3.12	SPBC19F8.07	0.9999803	Known	NO	NO	NO	YES
SPAC644.14c	SPAC14C4.13	0.9999803	Known	YES	YES	NO	YES
SPAC24H6.03	SPBC25B2.06c	0.9999803	Known	NO	NO	NO	YES
SPAC24H6.04	SPAC4F8.07c	0.9999803	Known	NO	YES	YES	NO
SPBC1198.13c	SPAC19B12.05c	0.9999803	Known	NO	NO	NO	YES
SPBC32C12.02	SPBC19C2.05	0.9999803	Known	NO	NO	NO	YES

SPBC2D10.12	SPBC19C7.09c	0.9999802	Known	NO	NO	YES	NO
SPAC24B11.06c	SPAC17A2.09c	0.9999802	Known	YES	NO	NO	NO
SPAC4A8.09c	SPAC644.12	0.9999802	Known	YES	NO	YES	NO
SPBC428.08c	SPBC26H8.07c	0.9999802	Known	NO	NO	NO	YES
SPBC12D12.01	SPBP16F5.07	0.9999802	Known	NO	NO	NO	NO
SPBC12D12.01	SPCP1E11.04c	0.9999801	Known	NO	YES	NO	NO
SPBC28F2.12	SPBC337.14	0.9999801	Known	NO	YES	YES	YES
SPAC6F12.15c	SPBC776.02c	0.9999801	Known	NO	NO	NO	YES
SPBC24C6.07	SPBC1709.01	0.99998	Known	NO	YES	YES	YES
SPBC11C11.04c	SPBC20F10.06	0.99998	Known	NO	YES	NO	YES
SPAC6B12.11	SPAC23C4.18c	0.99998	Known	YES	YES	YES	NO
SPCC4B3.14	SPAC644.12	0.99998	Known	YES	NO	YES	NO
SPAC57A7.08	SPBC119.08	0.99998	Known	YES	NO	YES	NO
SPBC16G5.12c	SPAC3C7.03c	0.99998	Known	NO	YES	NO	YES
SPAC1A6.04c	SPAC23H3.13c	0.9999799	Known	NO	NO	YES	YES
SPCC18B5.11c	SPBC19C2.05	0.9999799	Known	NO	YES	YES	YES
SPAC23C4.08	SPCC970.09	0.9999799	Known	NO	YES	NO	YES
SPAC16.01	SPAC1F3.02c	0.9999799	Known	YES	YES	NO	YES
SPBC12D12.01	SPCC16A11.14	0.9999798	Known	NO	YES	NO	NO
SPAC19G12.01c	SPBC14C8.01c	0.9999797	Known	NO	NO	NO	YES
SPAPB17E12.04c	SPAC17H9.19c	0.9999797	Known	YES	NO	YES	YES
SPAC1F5.04c	SPAC4A8.15c	0.9999797	Known	YES	NO	YES	YES
SPAC3G9.09c	SPAC20G4.03c	0.9999797	Known	NO	NO	NO	NO
SPBC19G7.01c	SPAC4G9.11c	0.9999796	Known	NO	NO	NO	YES
SPAC1834.06c	SPBC17F3.02	0.9999796	Known	YES	YES	YES	YES
SPAC3A12.14	SPCC1919.10c	0.9999796	Known	NO	NO	NO	NO
SPBC13G1.13	SPAC16E8.11c	0.9999796	Known	YES	YES	YES	NO
SPBC428.13c	SPCC1739.11c	0.9999796	Known	YES	YES	YES	YES
SPAC16A10.07c	SPAC1952.07	0.9999796	Known	NO	YES	YES	YES
SPAC19B12.05c	SPCC1442.10c	0.9999796	Known	NO	YES	NO	YES
SPCC18B5.11c	SPAC27E2.05	0.9999795	Known	NO	YES	NO	YES
SPBC11B10.09	SPAC19E9.02	0.9999795	Known	NO	YES	YES	YES
SPAC637.10c	SPBP19A11.03c	0.9999795	Known	YES	NO	YES	YES
SPAC30D11.07	SPBC19C7.09c	0.9999795	Known	NO	YES	NO	YES
SPBC1921.02	SPAC11E3.08c	0.9999795	Known	NO	YES	NO	YES
SPAC56F8.16	SPBC106.10	0.9999794	Known	NO	NO	YES	YES
SPBC36.05c	SPBC1105.04c	0.9999794	Known	YES	YES	YES	YES
SPCC18B5.11c	SPBC17D11.06	0.9999794	Known	NO	NO	NO	YES
SPAC664.01c	SPAC15A10.15	0.9999794	Known	NO	NO	NO	YES
SPAC24B11.06c	SPBC409.07c	0.9999793	Known	YES	YES	YES	YES
SPAC27D7.03c	SPAC29B12.06c	0.9999793	Known	YES	YES	NO	NO
SPAC19D5.01	SPBC11B10.09	0.9999792	Known	NO	YES	NO	YES
SPAC6G9.08	SPBC4.07c	0.9999792	Known	NO	NO	NO	YES
SPBC409.07c	SPCC4F11.02	0.9999792	Known	NO	NO	NO	YES
SPBC1921.03c	SPBC16A3.05c	0.9999792	Known	YES	YES	YES	YES
SPBC32F12.09	SPAC20G8.05c	0.9999791	Known	NO	NO	NO	NO
SPAC13C5.07	SPAC1952.07	0.9999791	Known	NO	YES	YES	YES

SPBC11B10.09	SPBC29A10.15	0.9999791	Known	NO	YES	YES	YES
SPCC613.12c	SPAC664.01c	0.9999791	Known	YES	YES	YES	YES
SPBC36.12c	SPAC26F1.10c	0.9999791	Known	NO	NO	YES	NO
SPBC2D10.12	SPBC29B5.01	0.9999791	Known	NO	NO	NO	YES
SPAC22E12.07	SPBC557.03c	0.999979	Known	NO	NO	YES	NO
SPBC21.06c	SPAC1F7.04	0.999979	Known	NO	YES	NO	YES
SPCC970.07c	SPAC664.01c	0.999979	Known	YES	YES	YES	YES
SPAC926.04c	SPBC11B10.09	0.999979	Known	NO	YES	NO	YES
SPAC24B11.06c	SPAC24H6.05	0.999979	Known	YES	YES	NO	YES
SPAC17H9.19c	SPBC215.03c	0.9999789	Known	YES	NO	YES	YES
SPCC364.02c	SPBC1604.08c	0.9999789	Known	NO	NO	YES	NO
SPAC110.03	SPAC1F3.02c	0.9999789	Known	YES	YES	NO	YES
SPBC409.04c	SPCC895.07	0.9999789	Known	YES	YES	NO	YES
SPAC27E2.10c	SPAC14C4.13	0.9999789	Known	YES	YES	YES	NO
SPAC17G8.13c	SPBC776.12c	0.9999789	Known	NO	NO	NO	YES
SPBC24C6.06	SPAC343.04c	0.9999789	Known	NO	NO	NO	NO
SPAC6B12.15	SPBC1D7.05	0.9999788	Known	YES	YES	NO	NO
SPBC20F10.06	SPCC1322.12c	0.9999788	Known	YES	YES	YES	YES
SPAC23D3.02	SPAC14C4.13	0.9999788	Known	YES	YES	YES	NO
SPCC18B5.11c	SPAC13G7.08c	0.9999788	Known	YES	NO	NO	YES
SPCC338.17c	SPAC664.01c	0.9999787	Known	NO	YES	NO	YES
SPBC27.02c	SPAC1687.20c	0.9999787	Known	YES	NO	YES	YES
SPAC1F7.04	SPCC1739.11c	0.9999787	Known	NO	YES	NO	YES
SPBC31F10.04c	SPBC14F5.08	0.9999787	Known	YES	NO	YES	YES
SPBC26H8.10	SPBC1289.03c	0.9999787	Known	NO	YES	YES	YES
SPBC1718.07c	SPAC821.07c	0.9999786	Known	NO	YES	YES	NO
SPCC645.05c	SPAC29A4.05	0.9999786	Known	NO	YES	NO	NO
SPBC21.06c	SPAC1565.06c	0.9999786	Known	YES	YES	YES	YES
SPBC21C3.18	SPBC1778.04	0.9999786	Known	NO	NO	YES	NO
SPBC32F12.04	SPBC16A3.15c	0.9999785	Known	YES	YES	YES	NO
SPBC543.07	SPBP4H10.04	0.9999785	Known	NO	NO	NO	YES
SPCC18B5.11c	SPCC4B3.12	0.9999785	Known	YES	NO	YES	YES
SPAC6F6.08c	SPAC23C11.16	0.9999785	Known	YES	YES	NO	YES
SPBC651.10	SPAC11E3.08c	0.9999785	Known	YES	YES	YES	YES
SPAC25B8.14	SPAC1687.20c	0.9999784	Known	YES	YES	YES	YES
SPAC9.13c	SPAC644.12	0.9999784	Known	YES	YES	YES	NO
SPBC1734.06	SPAC11E3.08c	0.9999784	Known	NO	NO	NO	YES
SPAC24B11.06c	SPCC1322.08	0.9999784	Known	YES	YES	YES	YES
SPBC32F12.06	SPBC32H8.10	0.9999784	Known	NO	YES	NO	NO
SPBC19G7.05c	SPAC4A8.15c	0.9999783	Known	NO	NO	NO	NO
SPBC646.09c	SPAC1751.03	0.9999783	Known	YES	YES	NO	YES
SPAC6F12.12	SPBC16H5.07c	0.9999783	Known	NO	NO	NO	YES
SPCC645.05c	SPAP8A3.08	0.9999782	Known	YES	YES	YES	YES
SPAC6F12.15c	SPBC14C8.01c	0.9999782	Known	NO	NO	NO	YES
SPBC2F12.09c	SPBC29B5.01	0.9999782	Known	NO	YES	YES	YES
SPAC8E11.03c	SPAC14C4.13	0.9999782	Known	NO	YES	YES	YES
SPBC14C8.12	SPBC28F2.12	0.9999782	Known	NO	YES	YES	YES

SPAC1565.06c	SPCC1739.11c	0.9999782	Known	YES	YES	YES	YES
SPBC32F12.04	SPBC800.05c	0.9999782	Known	YES	YES	YES	NO
SPBC1105.04c	SPCC364.02c	0.9999782	Known	NO	NO	NO	NO
SPAC27D7.03c	SPAC8E11.02c	0.9999782	Known	YES	YES	NO	YES
SPAC16A10.04	SPAC821.09	0.9999782	Known	NO	NO	YES	YES
SPAC26A3.16	SPBC29B5.01	0.9999782	Known	NO	NO	NO	YES
SPAC664.07c	SPAC30D11.10	0.9999782	Known	NO	YES	NO	YES
SPBC582.05c	SPCC550.05	0.9999781	Known	NO	NO	YES	YES
SPAPB24D3.04c	SPCC970.01	0.9999781	Known	NO	NO	NO	NO
SPAC1F7.04	SPBC12D12.04c	0.9999781	Known	YES	YES	YES	YES
SPAC24H6.05	SPBC19F8.07	0.9999781	Known	YES	NO	NO	YES
SPAC57A10.05c	SPAC25G10.03	0.9999781	Known	NO	YES	YES	NO
SPAC23G3.01	SPACUNK4.06c	0.9999781	Known	NO	YES	YES	YES
SPAC17C9.01c	SPBC14C8.01c	0.999978	Known	NO	NO	NO	YES
SPAC1420.03	SPBC4.07c	0.999978	Known	NO	YES	YES	YES
SPAPB8E5.02c	SPBC4.07c	0.999978	Novel	NO	YES	YES	YES
SPBC11C11.04c	SPAC22F3.05c	0.999978	Known	NO	NO	NO	NO
SPBC530.14c	SPAC16.02c	0.999978	Known	NO	NO	NO	YES
SPAC13D6.01	SPBC646.05c	0.999978	Known	YES	YES	NO	NO
SPBC337.06c	SPAC644.12	0.999978	Known	YES	NO	YES	NO
SPBC582.03	SPAPB2B4.03	0.999978	Known	YES	YES	YES	YES
SPCC18B5.03	SPBC32F12.09	0.9999779	Known	NO	NO	NO	YES
SPAC222.10c	SPAC6F6.08c	0.9999779	Known	YES	YES	NO	YES
SPAC19G12.02c	SPBC4F6.15c	0.9999779	Known	NO	YES	NO	YES
SPBC16D10.09	SPAC20G8.01	0.9999778	Known	YES	YES	NO	YES
SPAC24B11.06c	SPBC29B5.01	0.9999778	Known	NO	YES	YES	YES
SPAC16.01	SPBC12D12.04c	0.9999778	Known	YES	YES	YES	YES
SPAC3A12.07	SPBC28F2.12	0.9999778	Known	YES	YES	YES	YES
SPAC664.07c	SPAC26A3.02	0.9999778	Known	NO	YES	YES	YES
SPAC1420.03	SPAPB8E5.02c	0.9999778	Known	YES	YES	YES	YES
SPCC18B5.11c	SPAC664.07c	0.9999777	Known	NO	YES	YES	YES
SPAC664.07c	SPBC17D11.06	0.9999777	Known	NO	NO	NO	YES
SPBC11B10.09	SPBC4C3.12	0.9999777	Known	NO	NO	NO	YES
SPCC18B5.06	SPAC8F11.07c	0.9999776	Known	NO	NO	NO	YES
SPCC126.02c	SPAC1952.07	0.9999776	Known	NO	NO	NO	YES
SPAC1952.07	SPAC14C4.13	0.9999776	Known	NO	NO	YES	YES
SPAC3G9.09c	SPAC222.07c	0.9999775	Known	NO	NO	NO	NO
SPCC645.05c	SPAC20G4.06c	0.9999775	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC25B2.05	0.9999775	Known	NO	NO	NO	YES
SPBC11B10.09	SPBC1604.14c	0.9999775	Known	NO	YES	YES	YES
SPAC227.16c	SPBP23A10.07	0.9999775	Known	NO	NO	NO	NO
SPBC11B10.09	SPAC22F3.09c	0.9999775	Known	NO	YES	YES	YES
SPAC1F7.04	SPAC17G8.14c	0.9999774	Known	NO	YES	YES	YES
SPBC19C2.05	SPAC8C9.03	0.9999774	Known	NO	NO	YES	YES
SPBC1198.11c	SPCC364.02c	0.9999774	Known	NO	NO	NO	NO
SPBC16A3.01	SPAC4F10.11	0.9999774	Known	YES	YES	YES	YES
SPAC9G1.09	SPBC1718.07c	0.9999774	Known	NO	YES	NO	YES

SPAPB2B4.03	SPBC19C2.05	0.9999774	Known	NO	YES	NO	YES
SPAC17H9.09c	SPBC19C2.09	0.9999774	Known	NO	NO	NO	NO
SPAC3A11.05c	SPCC895.04c	0.9999773	Known	NO	NO	NO	YES
SPAC823.15	SPAC6F12.12	0.9999773	Novel	NO	NO	NO	YES
SPAC18G6.15	SPBC1604.20c	0.9999773	Known	YES	YES	YES	YES
SPAC24B11.06c	SPAC1783.07c	0.9999773	Known	YES	NO	YES	YES
SPBC21C3.05	SPBC6B1.07	0.9999772	Known	NO	NO	NO	YES
SPCC1259.13	SPBC1734.06	0.9999772	Known	NO	NO	YES	YES
SPAC16.01	SPAC17G8.14c	0.9999772	Known	YES	YES	NO	YES
SPAC24B11.06c	SPAC26F1.10c	0.9999772	Known	NO	NO	NO	YES
SPBC25D12.04	SPAC17H9.19c	0.9999772	Known	NO	YES	NO	YES
SPAC24H6.05	SPBC16H5.07c	0.9999771	Known	YES	YES	YES	YES
SPBC12D12.01	SPAC19E9.01c	0.999977	Known	YES	YES	NO	NO
SPCC4F11.02	SPAC26F1.10c	0.999977	Known	NO	NO	YES	YES
SPAC644.14c	SPAC11E3.08c	0.999977	Known	NO	YES	NO	YES
SPAC1782.09c	SPCC320.13c	0.999977	Known	YES	YES	YES	NO
SPBC11B10.09	SPBC16H5.11c	0.999977	Known	NO	YES	NO	YES
SPBC146.07	SPBC1289.02c	0.9999769	Known	YES	NO	YES	YES
SPAC3A12.11c	SPAC29A4.08c	0.9999769	Known	YES	YES	YES	YES
SPAC22E12.07	SPBC428.08c	0.9999769	Known	NO	NO	YES	YES
SPBC336.04	SPBC30D10.04	0.9999769	Known	YES	YES	NO	YES
SPAC17H9.09c	SPBC2F12.13	0.9999769	Known	NO	NO	NO	YES
SPAC16A10.07c	SPAC20G4.04c	0.9999768	Known	NO	YES	YES	YES
SPAC110.03	SPBC12D12.04c	0.9999768	Known	YES	YES	YES	YES
SPBC13G1.13	SPCC1682.07	0.9999768	Known	YES	YES	YES	NO
SPBC11B10.09	SPCC1795.11	0.9999767	Known	NO	YES	YES	YES
SPBC12D12.01	SPAC12G12.11c	0.9999767	Known	NO	YES	NO	NO
SPAP8A3.09c	SPBP35G2.03c	0.9999767	Known	NO	NO	NO	YES
SPBC32F12.09	SPBC4.04c	0.9999766	Known	NO	NO	NO	YES
SPAC19D5.03	SPAC27E2.05	0.9999766	Known	NO	NO	NO	YES
SPCC18B5.11c	SPBC1921.02	0.9999766	Known	NO	YES	NO	YES
SPAC17H9.09c	SPAC16E8.09	0.9999766	Known	NO	NO	YES	YES
SPBC3D6.09	SPCC16A11.17	0.9999765	Known	NO	YES	YES	YES
SPBC1734.02c	SPAC8F11.07c	0.9999765	Known	NO	YES	YES	YES
SPAC25G10.03	SPBC29B5.01	0.9999765	Known	NO	YES	YES	NO
SPBC1604.06c	SPCC364.02c	0.9999765	Known	NO	NO	NO	NO
SPBC16C6.10	SPBC428.08c	0.9999765	Known	YES	YES	YES	YES
SPAC1952.07	SPAC821.04c	0.9999765	Known	NO	NO	YES	YES
SPAC1952.07	SPCC338.16	0.9999764	Known	NO	YES	NO	YES
SPBC3D6.10	SPAC30D11.07	0.9999764	Known	NO	YES	YES	YES
SPAC4D7.05	SPAC637.07	0.9999764	Known	YES	YES	YES	YES
SPAC18B11.10	SPAC644.04	0.9999763	Known	NO	YES	NO	YES
SPAC664.01c	SPBC29B5.01	0.9999763	Known	NO	YES	NO	YES
SPAC13C5.07	SPAC20G4.04c	0.9999763	Known	NO	YES	YES	YES
SPAC1952.05	SPAC17G8.13c	0.9999763	Known	YES	YES	YES	NO
SPAC22A12.03c	SPAC17H9.19c	0.9999763	Known	YES	NO	NO	YES
SPBC2A9.12	SPBC29A10.15	0.9999763	Known	YES	YES	YES	YES

SPAC20G4.04c	SPAC23C4.18c	0.9999763	Known	NO	YES	YES	YES
SPAC1687.20c	SPBC18E5.03c	0.9999763	Known	YES	YES	YES	YES
SPAPB17E12.04c	SPBC215.03c	0.9999763	Known	YES	NO	YES	YES
SPBC83.04	SPBC106.09	0.9999762	Known	YES	NO	YES	YES
SPAC110.03	SPAC17G8.14c	0.9999761	Known	YES	YES	YES	YES
SPAC24H6.05	SPAC823.15	0.9999761	Novel	NO	YES	YES	NO
SPBC4C3.05c	SPCC1259.03	0.9999761	Known	YES	YES	YES	NO
SPBC106.09	SPBC28E12.01c	0.999976	Known	YES	YES	YES	YES
SPAC1687.18c	SPAC664.01c	0.999976	Known	NO	YES	YES	YES
SPBC3H7.15	SPAC8F11.07c	0.999976	Known	YES	NO	NO	NO
SPBP4H10.04	SPBC776.02c	0.999976	Known	NO	YES	YES	NO
SPAC3C7.03c	SPAC11E3.08c	0.999976	Known	NO	NO	YES	YES
SPCC4G3.05c	SPBC20F10.04c	0.9999758	Known	NO	YES	NO	YES
SPAC4H3.05	SPBC11B10.06	0.9999758	Known	NO	NO	YES	YES
SPBC582.03	SPBC32H8.12c	0.9999757	Known	NO	NO	NO	YES
SPAC23C11.16	SPAC17G8.10c	0.9999757	Known	YES	NO	NO	YES
SPBC21.01	SPBP22H7.09c	0.9999757	Known	YES	YES	YES	YES
SPAC24B11.11c	SPAC6F6.08c	0.9999757	Known	YES	YES	NO	YES
SPBC2A9.12	SPAC3H1.01c	0.9999757	Known	YES	YES	YES	YES
SPAC1D4.06c	SPBC32H8.10	0.9999756	Known	NO	YES	YES	NO
SPBP4H10.04	SPBC16H5.07c	0.9999756	Known	NO	YES	YES	NO
SPAC24H6.05	SPAC11E3.09	0.9999756	Known	YES	YES	YES	YES
SPAC8E11.02c	SPAC6F12.15c	0.9999756	Known	NO	YES	NO	YES
SPAC17A2.13c	SPAC6F12.15c	0.9999756	Known	NO	YES	NO	YES
SPAC4D7.13	SPAC19A8.13	0.9999756	Known	YES	NO	YES	NO
SPBC839.10	SPAC19A8.13	0.9999756	Known	YES	NO	YES	NO
SPAC144.13c	SPAC1952.07	0.9999755	Known	NO	NO	NO	YES
SPBC32C12.02	SPAC17G6.04c	0.9999755	Known	NO	NO	NO	NO
SPAC821.05	SPBC646.09c	0.9999755	Known	YES	YES	YES	YES
SPAPYUG7.04c	SPBC28F2.12	0.9999755	Known	NO	YES	YES	YES
SPBC3D6.10	SPCC622.17	0.9999754	Known	NO	YES	YES	YES
SPBC409.04c	SPCC290.04	0.9999754	Known	NO	NO	YES	NO
SPBC29A10.14	SPBP35G2.03c	0.9999754	Known	NO	NO	YES	YES
SPCC550.13	SPAC664.01c	0.9999754	Known	NO	YES	YES	YES
SPAC20G8.05c	SPAC1565.06c	0.9999754	Known	NO	YES	NO	YES
SPAC9G1.11c	SPAC4F10.11	0.9999754	Known	YES	YES	YES	YES
SPBC32H8.10	SPAC644.04	0.9999754	Known	NO	YES	NO	YES
SPAC6G10.07	SPCC550.05	0.9999753	Known	NO	NO	NO	NO
SPAC630.14c	SPAC644.04	0.9999752	Known	NO	YES	NO	YES
SPAC4F10.15c	SPBC13E7.09	0.9999752	Known	YES	YES	YES	YES
SPAC6F6.08c	SPAC2F3.15	0.9999751	Known	NO	NO	NO	YES
SPBC1D7.05	SPAC17A2.13c	0.9999751	Known	NO	YES	NO	YES
SPAC8E11.02c	SPBC1D7.05	0.9999751	Known	YES	YES	NO	YES
SPCC553.07c	SPAC1952.07	0.9999751	Known	NO	YES	YES	YES
SPAC24H6.05	SPBC11B10.09	0.9999751	Known	NO	YES	YES	YES
SPCC188.02	SPBC16H5.07c	0.999975	Known	NO	NO	NO	YES
SPAC17C9.01c	SPAC17G8.10c	0.999975	Known	YES	YES	YES	NO

SPAC24B11.06c	SPAC23A1.06c	0.999975	Known	YES	YES	YES	YES
SPAC3G6.06c	SPAC27E2.05	0.999975	Known	YES	YES	YES	YES
SPBP23A10.08	SPBC36.05c	0.999975	Known	NO	NO	YES	NO
SPBC1921.03c	SPCC1753.05	0.999975	Known	NO	NO	NO	NO
SPBC11B10.09	SPAC644.06c	0.9999749	Known	NO	YES	YES	YES
SPBC1718.01	SPBC32F12.09	0.9999749	Known	NO	NO	YES	YES
SPAC20G4.04c	SPAC9E9.08	0.9999749	Known	NO	NO	YES	YES
SPAC24H6.05	SPBC725.02	0.9999749	Known	NO	YES	YES	YES
SPBC36.05c	SPAC29A4.18	0.9999749	Known	YES	YES	YES	YES
SPAC17G8.10c	SPBC244.01c	0.9999748	Known	YES	NO	NO	YES
SPCC188.02	SPBP35G2.03c	0.9999748	Known	NO	NO	NO	YES
SPBC1105.11c	SPCC188.13c	0.9999748	Novel	NO	YES	NO	YES
SPCC188.13c	SPBC8D2.04	0.9999748	Known	NO	YES	NO	YES
SPCC188.13c	SPAC1834.04	0.9999748	Known	NO	YES	NO	YES
SPBC32C12.02	SPAC31G5.09c	0.9999748	Known	NO	NO	NO	NO
SPBC119.14	SPAC30D11.10	0.9999748	Known	NO	YES	YES	YES
SPAC17C9.13c	SPAC6F12.15c	0.9999748	Known	NO	NO	YES	YES
SPAC18G6.15	SPAC637.07	0.9999747	Known	NO	YES	YES	NO
SPBC32F12.09	SPBC336.12c	0.9999747	Known	NO	NO	NO	YES
SPAC824.04	SPAC12G12.14c	0.9999747	Known	YES	NO	YES	YES
SPBC32H8.12c	SPAC27E2.05	0.9999746	Known	NO	NO	NO	NO
SPAC24H6.12c	SPBC3D6.02	0.9999746	Known	NO	YES	NO	NO
SPCC126.02c	SPAC20G4.04c	0.9999746	Known	NO	NO	NO	YES
SPBC582.03	SPBC19F5.01c	0.9999746	Known	NO	YES	YES	YES
SPBC20F10.06	SPBC16A3.11	0.9999745	Known	NO	YES	NO	YES
SPAC3A12.14	SPBC146.13c	0.9999745	Known	YES	YES	NO	NO
SPAC823.15	SPBP4H10.04	0.9999745	Novel	NO	YES	YES	NO
SPAC1952.07	SPBC685.09	0.9999745	Known	NO	NO	NO	YES
SPBC1D7.05	SPAC1565.04c	0.9999745	Known	YES	YES	YES	YES
SPAC27E2.05	SPBC1734.02c	0.9999744	Known	YES	YES	YES	YES
SPAC6G9.06c	SPAC3A12.14	0.9999743	Known	YES	YES	YES	NO
SPCC18B5.11c	SPBC1734.02c	0.9999743	Known	NO	YES	NO	YES
SPAC30D11.10	SPAC644.14c	0.9999743	Known	NO	YES	YES	YES
SPCC1259.13	SPAC17A5.11	0.9999743	Known	NO	YES	NO	YES
SPBC12D12.01	SPAC17H9.05	0.9999743	Known	YES	YES	NO	NO
SPBC11B10.09	SPAC821.04c	0.9999743	Known	NO	YES	YES	YES
SPAC11E3.08c	SPCC645.04	0.9999743	Known	YES	YES	YES	YES
SPAC2F7.04	SPBC14F5.08	0.9999742	Known	YES	YES	YES	YES
SPCC18B5.03	SPBC21.04	0.9999742	Known	NO	YES	NO	YES
SPBC16A3.15c	SPBC32H8.12c	0.9999742	Known	NO	NO	NO	NO
SPBC11B10.09	SPBC14C8.07c	0.9999742	Known	NO	YES	YES	YES
SPBC3E7.13c	SPAC644.12	0.9999742	Known	YES	NO	YES	NO
SPCC970.07c	SPAC8E11.02c	0.9999742	Known	YES	YES	YES	YES
SPAC17H9.09c	SPBC354.05c	0.9999742	Known	NO	NO	NO	NO
SPBC216.06c	SPBC30D10.04	0.9999741	Known	YES	YES	YES	YES
SPAC27F1.04c	SPCC364.02c	0.999974	Known	NO	NO	NO	NO
SPAC31G5.13	SPAC1783.07c	0.999974	Known	YES	NO	NO	NO

SPAC6F12.14	SPBC14C8.01c	0.999974	Known	NO	NO	NO	YES
SPBC409.06	SPBC29B5.01	0.999974	Known	NO	NO	NO	YES
SPAPB2B4.03	SPAC19E9.03	0.999974	Known	NO	YES	YES	YES
SPCC594.05c	SPAC23H3.05c	0.9999739	Known	YES	NO	YES	YES
SPAC823.15	SPCC188.02	0.9999739	Known	NO	NO	NO	YES
SPAC8C9.03	SPBC646.13	0.9999738	Known	NO	NO	NO	YES
SPCC757.09c	SPBC119.08	0.9999738	Known	NO	YES	YES	YES
SPCC18B5.11c	SPAC644.14c	0.9999738	Known	NO	YES	NO	YES
SPBC24C6.06	SPBC1718.07c	0.9999736	Known	NO	NO	NO	YES
SPAC27F1.02c	SPAC2F7.03c	0.9999736	Known	NO	NO	NO	YES
SPAC926.04c	SPBC24C6.07	0.9999736	Known	NO	NO	NO	NO
SPAC1F7.05	SPBC3D6.09	0.9999736	Known	NO	YES	NO	YES
SPAC664.01c	SPBC776.12c	0.9999735	Known	NO	YES	YES	YES
SPAC2F7.11	SPAC6B12.15	0.9999734	Known	YES	YES	NO	NO
SPBC336.04	SPBC12D12.02c	0.9999734	Known	YES	YES	YES	YES
SPAPB2B4.03	SPBC16E9.17c	0.9999734	Known	NO	YES	YES	NO
SPCC1672.10	SPCC364.02c	0.9999733	Known	NO	NO	NO	NO
SPAC15A10.08	SPAC631.01c	0.9999733	Known	NO	NO	NO	YES
SPCC1753.02c	SPAC23H3.13c	0.9999733	Known	NO	NO	YES	YES
SPBC1709.01	SPAC926.03	0.9999733	Known	NO	YES	YES	YES
SPAPB17E12.04c	SPAC22A12.03c	0.9999733	Known	YES	NO	YES	YES
SPBC336.12c	SPBC2F12.11c	0.9999733	Known	YES	YES	YES	YES
SPAC3A11.14c	SPBC20F10.06	0.9999733	Known	NO	NO	NO	YES
SPAC110.03	SPBC2F12.13	0.9999732	Known	NO	YES	NO	YES
SPAC17H9.09c	SPBC646.12c	0.9999732	Known	NO	NO	YES	YES
SPAC8E11.02c	SPAC9E9.08	0.9999732	Known	NO	NO	YES	YES
SPBC11B10.09	SPAC144.13c	0.9999732	Known	NO	NO	NO	YES
SPAC3C7.03c	SPAC30D11.10	0.9999732	Known	NO	NO	YES	YES
SPAC4D7.05	SPBC646.09c	0.9999731	Known	YES	YES	NO	YES
SPBC146.13c	SPAC29A4.05	0.9999731	Known	YES	YES	NO	NO
SPBC12D12.01	SPCC895.04c	0.9999731	Known	NO	NO	NO	YES
SPBC32C12.02	SPAC24B11.06c	0.999973	Known	NO	NO	NO	NO
SPAC24B11.06c	SPAC977.10	0.999973	Known	NO	NO	YES	YES
SPBC21.06c	SPAC27F1.02c	0.999973	Known	NO	NO	NO	YES
SPCC188.02	SPAC6F6.08c	0.999973	Known	NO	NO	YES	YES
SPCC622.08c	SPAC2G11.12	0.999973	Known	NO	YES	NO	YES
SPBC32F12.09	SPAC1B2.05	0.999973	Known	NO	NO	NO	YES
SPBC11B10.09	SPAC26F1.10c	0.9999729	Known	NO	NO	NO	YES
SPAC110.03	SPAC16E8.09	0.9999729	Known	YES	YES	YES	YES
SPAC24B11.06c	SPBC9B6.10	0.9999729	Known	YES	YES	NO	YES
SPAC23A1.06c	SPAC1952.07	0.9999729	Known	NO	YES	YES	NO
SPBC649.05	SPBC11B10.09	0.9999728	Known	NO	YES	NO	YES
SPBC19C2.05	SPAC17A5.11	0.9999728	Known	NO	YES	NO	YES
SPBC21B10.05c	SPBC146.07	0.9999728	Known	NO	NO	NO	NO
SPAC23G3.11	SPCC364.02c	0.9999727	Known	NO	NO	NO	NO
SPBC428.20c	SPBC20F10.06	0.9999727	Known	NO	YES	YES	YES
SPAC19G12.06c	SPAC2G11.12	0.9999727	Known	NO	YES	NO	YES

SPAC1952.07	SPAC8F11.07c	0.9999727	Known	NO	YES	NO	YES
SPAC23G3.01	SPCC1020.04c	0.9999727	Known	NO	YES	YES	YES
SPBC365.12c	SPAC13G6.07c	0.9999727	Novel	NO	NO	NO	NO
SPBC365.12c	SPAPB1E7.12	0.9999727	Known	NO	NO	NO	NO
SPBC582.03	SPBC19F8.07	0.9999727	Known	NO	NO	NO	YES
SPBC354.03	SPCC594.05c	0.9999726	Known	YES	NO	YES	YES
SPBC21C3.05	SPAC644.12	0.9999726	Known	YES	NO	NO	YES
SPBC887.05c	SPAC644.12	0.9999726	Known	YES	NO	NO	NO
SPCC1753.02c	SPCC285.09c	0.9999726	Known	NO	NO	NO	YES
SPBC32F12.05c	SPAC644.12	0.9999726	Known	YES	NO	YES	NO
SPBC428.16c	SPAC22F3.13	0.9999726	Known	NO	YES	NO	YES
SPAC637.10c	SPAC6F12.15c	0.9999726	Known	NO	NO	NO	YES
SPAC630.03	SPBC14C8.06	0.9999726	Known	YES	YES	YES	NO
SPAC27F1.02c	SPCC1739.11c	0.9999725	Known	YES	NO	YES	YES
SPBC428.08c	SPAC664.01c	0.9999725	Known	YES	YES	YES	YES
SPCC663.12	SPAC1B1.01	0.9999725	Known	NO	NO	NO	YES
SPBC20F10.06	SPCC895.07	0.9999725	Known	YES	YES	YES	YES
SPBC409.04c	SPBC11C11.03	0.9999725	Known	YES	YES	YES	YES
SPCC1259.13	SPAC1952.07	0.9999724	Known	NO	YES	YES	YES
SPAC6F6.08c	SPAC1782.09c	0.9999724	Known	YES	YES	YES	YES
SPAC24H6.05	SPAC8E11.02c	0.9999724	Known	YES	YES	NO	YES
SPAC24H6.05	SPBC16G5.01	0.9999724	Known	NO	NO	NO	NO
SPAC24H6.05	SPAC17A2.13c	0.9999724	Known	NO	YES	NO	YES
SPCC1620.09c	SPCC1442.10c	0.9999723	Known	NO	YES	NO	YES
SPAC4D7.03	SPBC32F12.09	0.9999723	Known	NO	NO	NO	YES
SPAC8E11.02c	SPAC644.06c	0.9999722	Known	YES	NO	NO	YES
SPBC11B10.09	SPAC1782.09c	0.9999722	Known	NO	YES	YES	YES
SPCC5E4.03c	SPAC22H12.02	0.9999722	Known	YES	YES	YES	YES
SPCC18B5.11c	SPAC17A5.11	0.9999722	Known	NO	YES	NO	YES
SPAC17A5.02c	SPAC23C11.11	0.9999722	Known	NO	NO	NO	NO
SPBC725.02	SPAC8C9.14	0.9999721	Known	NO	NO	YES	YES
SPBC4B4.09	SPAC19A8.13	0.9999721	Known	YES	NO	YES	NO
SPBC11B10.09	SPBC685.09	0.9999721	Known	NO	NO	NO	YES
SPBC16D10.09	SPAC9E9.08	0.9999721	Known	NO	NO	YES	YES
SPBC17F3.01c	SPBC4F6.12	0.9999721	Known	YES	NO	NO	NO
SPCC18B5.03	SPAC9E9.13	0.9999721	Known	NO	YES	NO	YES
SPAC1952.07	SPAC17H9.19c	0.9999721	Known	NO	YES	YES	YES
SPAC9E9.07c	SPCC895.07	0.999972	Known	NO	NO	NO	NO
SPBC582.03	SPBC25B2.05	0.999972	Known	NO	NO	NO	NO
SPBC1718.07c	SPAC17G6.04c	0.9999718	Known	NO	YES	NO	YES
SPAC9G1.11c	SPBC16A3.01	0.9999718	Known	YES	YES	YES	YES
SPCC553.07c	SPAC20G4.04c	0.9999717	Known	NO	YES	NO	YES
SPBC16D10.09	SPAC14C4.13	0.9999717	Known	NO	NO	YES	YES
SPBC20F10.04c	SPAC11E3.08c	0.9999717	Known	YES	YES	YES	YES
SPAC12B10.07	SPBC1778.06c	0.9999716	Known	YES	YES	YES	NO
SPBC16D10.07c	SPAC664.01c	0.9999716	Known	YES	NO	YES	NO
SPAC664.07c	SPAC644.14c	0.9999716	Known	NO	YES	NO	YES

SPAC8E11.02c	SPCC1322.08	0.9999716	Known	YES	YES	NO	YES
SPBC365.15	SPBC20F10.06	0.9999716	Known	NO	YES	YES	YES
SPBC2A9.12	SPBC1347.10	0.9999716	Known	YES	NO	YES	YES
SPAC821.06	SPAC4F10.11	0.9999715	Known	YES	YES	YES	YES
SPAC17A2.13c	SPAC821.04c	0.9999715	Known	NO	NO	NO	YES
SPBC582.03	SPBP16F5.02	0.9999715	Known	NO	YES	YES	YES
SPAC8E11.02c	SPAC821.04c	0.9999715	Known	YES	NO	NO	YES
SPBC1685.01	SPBP4H10.04	0.9999715	Known	NO	NO	YES	YES
SPAC1783.03	SPBC21.01	0.9999715	Known	YES	YES	YES	YES
SPCC1235.06	SPAC3A11.05c	0.9999714	Known	YES	NO	NO	YES
SPBC11B10.09	SPBC887.10	0.9999714	Known	NO	YES	YES	YES
SPAC3G6.06c	SPBC1921.02	0.9999714	Known	NO	YES	NO	YES
SPBC3H7.13	SPBC12D12.01	0.9999713	Known	NO	NO	NO	NO
SPAC6F6.12	SPCC364.02c	0.9999713	Known	NO	NO	NO	NO
SPAC18G6.03	SPAC17D4.03c	0.9999712	Known	NO	NO	NO	NO
SPBC106.10	SPBC14C8.01c	0.9999712	Known	NO	NO	NO	YES
SPBC725.02	SPBC887.10	0.9999712	Known	NO	YES	YES	YES
SPBC543.07	SPBC119.08	0.9999712	Known	YES	YES	YES	YES
SPCC1223.11	SPAC2G11.07c	0.9999712	Known	YES	YES	YES	YES
SPAC22H12.02	SPBC15D4.14	0.9999711	Known	YES	NO	YES	YES
SPAC17G6.14c	SPBC16A3.05c	0.9999711	Known	NO	YES	NO	YES
SPCC5E4.03c	SPAC29E6.08	0.9999709	Known	YES	NO	YES	YES
SPCC1259.13	SPAC4C5.04	0.9999709	Known	NO	NO	NO	YES
SPBC19C2.05	SPAC1952.07	0.9999708	Known	NO	YES	NO	YES
SPCC594.05c	SPBC18H10.06c	0.9999708	Known	YES	NO	YES	YES
SPBC354.03	SPAC23H3.05c	0.9999708	Known	YES	NO	YES	YES
SPBC2A9.12	SPBC14C8.07c	0.9999707	Known	YES	NO	YES	YES
SPCC1795.01c	SPAC821.08c	0.9999707	Known	YES	YES	YES	YES
SPBC646.09c	SPBC4C3.07	0.9999707	Known	YES	YES	NO	YES
SPBC409.05	SPCC1494.05c	0.9999707	Known	NO	NO	NO	YES
SPAC19D5.03	SPBC1734.02c	0.9999706	Known	NO	NO	NO	YES
SPAC17G6.16c	SPAC3G9.04	0.9999706	Known	YES	NO	NO	YES
SPBC646.09c	SPBC14C8.01c	0.9999706	Known	NO	NO	YES	YES
SPCC18B5.11c	SPBC25B2.05	0.9999706	Known	NO	NO	NO	YES
SPAC16.01	SPBC336.12c	0.9999705	Known	NO	YES	NO	NO
SPBC4F6.15c	SPBC19C7.09c	0.9999704	Known	NO	NO	NO	YES
SPBP19A11.06	SPCC18.11c	0.9999704	Known	YES	NO	YES	YES
SPAC23A1.06c	SPBC11B10.09	0.9999703	Known	NO	YES	YES	YES
SPAC2F7.11	SPAC29B12.06c	0.9999703	Known	YES	YES	YES	NO
SPCC1259.13	SPBC14C8.01c	0.9999703	Known	NO	NO	YES	YES
SPAC19B12.05c	SPAC23C4.15	0.9999703	Known	NO	YES	NO	YES
SPBC530.14c	SPBC11C11.08	0.9999702	Known	NO	YES	NO	YES
SPAC1952.07	SPAC26A3.02	0.9999702	Known	NO	YES	YES	YES
SPCC18B5.11c	SPAC1952.07	0.9999702	Known	NO	YES	YES	YES
SPCC16C4.03	SPCC18B5.03	0.9999701	Known	NO	NO	NO	YES
SPAC1952.07	SPBC17D11.06	0.9999701	Known	NO	NO	NO	YES
SPAC17C9.05c	SPBC31F10.04c	0.9999701	Known	YES	YES	YES	YES

SPAPB2B4.03	SPBC19F5.01c	0.99997	Known	NO	YES	YES	YES
SPAC19E9.03	SPBC19F5.01c	0.99997	Known	NO	YES	YES	YES
SPAC6B12.15	SPBC19C2.05	0.9999699	Known	YES	YES	NO	NO
SPBC4.05	SPBC26H8.07c	0.9999699	Known	NO	NO	NO	YES
SPBC1718.07c	SPAC18G6.07c	0.9999699	Known	NO	NO	NO	YES
SPAC11H11.06	SPBC14C8.06	0.9999699	Known	YES	YES	YES	YES
SPCC1259.13	SPBC11B10.09	0.9999698	Known	NO	YES	YES	YES
SPBC26H8.07c	SPAC664.01c	0.9999698	Known	NO	NO	NO	YES
SPAC4D7.05	SPBC4.07c	0.9999698	Known	NO	YES	NO	YES
SPCC188.04c	SPBC11C11.03	0.9999698	Known	YES	YES	YES	YES
SPAC110.03	SPBC1685.15c	0.9999698	Known	NO	YES	NO	YES
SPAC24B11.11c	SPCC970.04c	0.9999698	Known	NO	YES	YES	YES
SPBC14C8.01c	SPAC821.08c	0.9999698	Known	YES	NO	YES	YES
SPAC29E6.08	SPBC15D4.14	0.9999697	Known	YES	NO	YES	YES
SPCC794.09c	SPBC776.18c	0.9999697	Known	NO	NO	NO	NO
SPBC3H7.15	SPAC23C4.12	0.9999697	Known	YES	YES	YES	NO
SPBC776.18c	SPAC23A1.10	0.9999697	Novel	NO	NO	NO	NO
SPBC839.15c	SPBC776.18c	0.9999697	Novel	NO	NO	NO	NO
SPBC12D12.01	SPBC16A3.08c	0.9999695	Known	NO	NO	NO	NO
SPAC29A4.18	SPAC23H4.12	0.9999695	Known	YES	YES	YES	YES
SPBC409.09c	SPAC27F1.04c	0.9999694	Known	YES	YES	YES	YES
SPBC543.07	SPCC757.09c	0.9999693	Known	NO	NO	YES	YES
SPBC11B10.09	SPAC821.08c	0.9999693	Known	NO	YES	YES	YES
SPAC8E11.02c	SPAC1782.09c	0.9999692	Known	YES	YES	YES	YES
SPAC24B11.11c	SPBC24C6.07	0.9999692	Known	YES	YES	YES	YES
SPAC20H4.07	SPBC1921.02	0.9999692	Known	NO	NO	YES	YES
SPCC4F11.02	SPAC2G11.07c	0.9999691	Known	YES	YES	YES	YES
SPAC1783.03	SPBP22H7.09c	0.9999691	Known	YES	YES	YES	YES
SPAC31G5.13	SPAC6G9.08	0.9999691	Known	NO	NO	YES	YES
SPBC800.05c	SPAC23H3.08c	0.9999691	Known	NO	NO	NO	YES
SPAC821.05	SPAC1751.03	0.9999691	Known	YES	YES	YES	YES
SPAC19E9.02	SPBC20F10.06	0.9999691	Known	NO	YES	NO	YES
SPAC17H9.09c	SPAC222.10c	0.999969	Known	NO	NO	NO	NO
SPAC19G12.01c	SPBC20F10.06	0.9999689	Known	NO	YES	NO	YES
SPBC582.03	SPBC11B10.09	0.9999689	Known	NO	YES	YES	YES
SPBC800.05c	SPAC30C2.02	0.9999689	Known	NO	NO	YES	NO
SPAC1782.09c	SPAC17G8.10c	0.9999689	Known	YES	NO	NO	YES
SPAC22H12.02	SPBC3B8.09	0.9999688	Known	NO	NO	NO	NO
SPBC18H10.06c	SPAC23H3.05c	0.9999688	Known	YES	NO	YES	YES
SPAC17H9.09c	SPBC1D7.05	0.9999688	Known	NO	NO	YES	YES
SPAC18G6.15	SPAC3C7.12	0.9999687	Known	YES	YES	YES	YES
SPBC2F12.11c	SPAC22F3.09c	0.9999687	Known	YES	YES	YES	YES
SPAC644.14c	SPBC1734.06	0.9999686	Known	YES	YES	NO	YES
SPCC285.09c	SPBC646.13	0.9999686	Known	NO	NO	YES	YES
SPAC110.03	SPAC24H6.09	0.9999685	Known	YES	YES	YES	YES
SPBC24C6.07	SPAC2F3.15	0.9999685	Known	NO	NO	NO	YES
SPBC18H10.03	SPBC646.09c	0.9999685	Known	YES	YES	NO	YES

SPBC2D10.12	SPBC337.08c	0.9999684	Known	NO	NO	YES	NO
SPAC9G1.09	SPAC6F6.08c	0.9999684	Known	YES	YES	NO	YES
SPAC1F7.03	SPAC1F7.04	0.9999684	Known	NO	YES	YES	NO
SPBC2A9.12	SPBC685.09	0.9999684	Known	YES	YES	YES	YES
SPAC23G3.01	SPBC14C8.12	0.9999683	Known	NO	YES	YES	YES
SPAC3A12.13c	SPBC12D12.01	0.9999683	Known	NO	NO	NO	NO
SPCC16A11.05c	SPCC1739.11c	0.9999683	Known	NO	NO	NO	YES
SPAC57A10.10c	SPBC19C2.05	0.9999682	Known	NO	NO	NO	NO
SPAC1D4.13	SPBC1718.07c	0.9999681	Known	NO	YES	NO	YES
SPAC1952.13	SPBC1289.03c	0.9999681	Known	NO	YES	YES	YES
SPAC16A10.06c	SPAC11E3.08c	0.9999679	Known	YES	YES	YES	YES
SPAC18G6.15	SPBC800.05c	0.9999678	Known	NO	NO	YES	YES
SPBC9B6.10	SPBC11B10.09	0.9999678	Known	NO	YES	YES	YES
SPAC24B11.11c	SPBC32F12.09	0.9999678	Known	NO	NO	NO	NO
SPBC28F2.04c	SPAC644.12	0.9999677	Known	YES	YES	YES	YES
SPAC23G3.01	SPAC3A12.07	0.9999677	Known	YES	YES	YES	YES
SPAC21E11.03c	SPCC736.11	0.9999677	Known	NO	NO	NO	YES
SPAC664.07c	SPAC1952.07	0.9999677	Known	YES	YES	YES	YES
SPBC2F12.11c	SPBC725.16	0.9999676	Known	YES	YES	YES	YES
SPBC428.13c	SPAC222.10c	0.9999676	Known	YES	YES	NO	YES
SPBC3D6.04c	SPBC20F10.06	0.9999676	Known	YES	YES	YES	NO
SPBC21.06c	SPAC20G4.06c	0.9999675	Known	NO	NO	NO	YES
SPAC630.13c	SPBC839.17c	0.9999674	Known	NO	NO	NO	YES
SPBC36.05c	SPAC23H4.12	0.9999674	Known	YES	YES	YES	YES
SPCC576.08c	SPBC8D2.10c	0.9999674	Known	YES	NO	NO	NO
SPAC637.10c	SPBC29B5.01	0.9999674	Known	NO	NO	NO	YES
SPCC1682.02c	SPBC409.05	0.9999673	Known	NO	NO	NO	NO
SPBC354.03	SPBC18H10.06c	0.9999672	Known	YES	NO	YES	YES
SPBC336.01	SPBC409.05	0.9999672	Known	NO	YES	NO	NO
SPBC119.14	SPAC644.14c	0.9999672	Known	NO	YES	YES	YES
SPCC18.04	SPBC409.05	0.999967	Known	NO	YES	YES	NO
SPBC16G5.01	SPBC646.09c	0.9999669	Known	NO	NO	NO	YES
SPAC20H4.07	SPAC3G6.06c	0.9999669	Known	NO	YES	NO	YES
SPBC409.04c	SPBC1105.04c	0.9999669	Known	NO	YES	YES	NO
SPBC4.07c	SPBC409.06	0.9999668	Known	NO	NO	NO	YES
SPBC36.06c	SPAC17G6.04c	0.9999668	Known	NO	YES	NO	NO
SPAC1687.20c	SPBC20F10.06	0.9999667	Known	NO	YES	NO	YES
SPBC3D6.09	SPAC23C4.18c	0.9999667	Known	YES	YES	YES	YES
SPAC6F12.15c	SPBC20F10.06	0.9999667	Known	NO	YES	NO	YES
SPAC664.01c	SPAC17G8.13c	0.9999666	Known	NO	NO	NO	YES
SPAC25B8.14	SPBC21.01	0.9999666	Known	YES	YES	YES	YES
SPCC16C4.07	SPBC24C6.07	0.9999666	Known	NO	NO	NO	YES
SPCC1259.13	SPAC17A2.13c	0.9999666	Known	NO	YES	YES	YES
SPCC1259.13	SPAC8E11.02c	0.9999666	Known	YES	YES	YES	YES
SPBC24C6.07	SPBP4H10.04	0.9999665	Known	NO	NO	NO	YES
SPBC13G1.13	SPBC30B4.07c	0.9999664	Known	YES	YES	YES	NO
SPBC14F5.08	SPAC23H4.17c	0.9999664	Known	YES	NO	YES	YES

SPAC29A4.02c	SPAC1952.07	0.9999663	Known	NO	NO	NO	YES
SPAC20G4.04c	SPAC26A3.02	0.9999662	Known	NO	YES	YES	YES
SPAC17H9.09c	SPBC21.05c	0.9999662	Known	NO	NO	YES	YES
SPAC4D7.05	SPAC1751.03	0.9999662	Known	YES	YES	YES	YES
SPAC17D4.02	SPBC3D6.09	0.9999662	Known	YES	YES	YES	YES
SPBC17D11.06	SPAC20G4.04c	0.9999661	Known	NO	NO	NO	YES
SPCC1235.06	SPBC12D12.01	0.9999661	Known	YES	YES	NO	YES
SPBC32F12.09	SPBC14C8.07c	0.999966	Known	NO	NO	NO	YES
SPAC3G6.06c	SPAC17A5.11	0.999966	Known	NO	YES	NO	YES
SPBC9B6.04c	SPBC800.07c	0.999966	Known	YES	YES	YES	NO
SPAC589.08c	SPBC2F12.13	0.999966	Known	YES	NO	NO	YES
SPCC777.14	SPBC11C11.08	0.9999659	Known	NO	NO	YES	NO
SPAC17C9.13c	SPBC646.09c	0.9999659	Known	NO	NO	YES	YES
SPAC1687.13c	SPAPB17E12.04c	0.9999658	Known	YES	NO	YES	NO
SPAC1F7.04	SPBC1604.14c	0.9999658	Known	YES	YES	YES	NO
SPBC2D10.12	SPAC26A3.16	0.9999658	Known	NO	YES	YES	YES
SPCC330.11	SPAC23H4.18c	0.9999658	Known	NO	YES	NO	YES
SPBC21.04	SPBC4C3.12	0.9999657	Known	NO	NO	NO	YES
SPBC16D10.09	SPAC8F11.07c	0.9999656	Known	YES	YES	NO	YES
SPAC24B11.06c	SPBC1A4.02c	0.9999656	Known	NO	NO	NO	YES
SPAC20H4.07	SPAC644.14c	0.9999655	Known	NO	YES	YES	YES
SPAC222.15	SPAC14C4.13	0.9999654	Known	YES	NO	NO	YES
SPAC222.10c	SPAC1565.06c	0.9999654	Known	YES	YES	YES	YES
SPCC1620.09c	SPAC22H12.02	0.9999654	Known	YES	YES	YES	YES
SPAC24H6.05	SPBC2F12.11c	0.9999653	Known	NO	NO	NO	YES
SPAC17G6.16c	SPAC227.08c	0.9999653	Known	YES	YES	YES	YES
SPAC2F7.03c	SPAC4A8.15c	0.9999653	Known	NO	NO	NO	YES
SPBC19G7.16	SPBC14C8.01c	0.9999653	Known	YES	NO	NO	YES
SPBC1685.11	SPAC20H4.07	0.9999653	Known	NO	NO	YES	NO
SPAC17A5.02c	SPAC8E11.02c	0.9999653	Known	NO	NO	NO	NO
SPCC1223.11	SPCC4F11.02	0.9999653	Known	YES	YES	YES	YES
SPCC1259.13	SPBC16D10.09	0.9999652	Known	NO	YES	YES	YES
SPAC24H6.05	SPAC16E8.15	0.9999652	Known	NO	NO	NO	NO
SPBC244.01c	SPAC1565.06c	0.9999651	Known	YES	YES	YES	YES
SPAC1786.03	SPBC1289.03c	0.9999651	Known	NO	NO	NO	NO
SPAC3C7.03c	SPAC644.14c	0.9999651	Known	NO	YES	YES	YES
SPBC24C6.07	SPAC1782.09c	0.9999651	Known	YES	YES	YES	YES
SPBC409.09c	SPAC1687.15	0.9999649	Known	NO	NO	NO	YES
SPAC17H9.09c	SPAC1F5.09c	0.9999649	Known	NO	NO	NO	YES
SPAC17C9.13c	SPAC821.08c	0.9999649	Known	NO	NO	NO	YES
SPBC24C6.07	SPAC6G10.12c	0.9999648	Known	NO	NO	NO	YES
SPBC6B1.07	SPAC26A3.08	0.9999648	Known	YES	NO	YES	YES
SPBC32F12.09	SPAC144.13c	0.9999647	Known	NO	NO	YES	YES
SPAC23D3.02	SPBC1734.02c	0.9999647	Known	NO	NO	NO	NO
SPAC31G5.09c	SPAC1D4.13	0.9999647	Known	NO	YES	YES	NO
SPAC8E11.02c	SPBC19C2.05	0.9999647	Known	YES	YES	NO	YES
SPBC3B9.11c	SPAC824.04	0.9999646	Known	YES	NO	YES	YES

SPCC622.08c	SPAC694.06c	0.9999646	Known	NO	YES	NO	YES
SPAC17A5.11	SPAC644.14c	0.9999645	Known	NO	YES	YES	YES
SPBC32C12.02	SPAC8E11.02c	0.9999645	Known	NO	NO	NO	YES
SPAC821.06	SPAC9G1.11c	0.9999645	Known	YES	YES	YES	YES
SPBC16G5.01	SPAC6G9.08	0.9999644	Known	NO	NO	YES	YES
SPAC3H8.10	SPAC22H10.12c	0.9999644	Known	YES	NO	NO	NO
SPAC24B11.11c	SPBC428.13c	0.9999644	Known	YES	YES	NO	YES
SPAC1687.13c	SPBC17D11.01	0.9999644	Known	YES	NO	YES	YES
SPAC13A11.03	SPAC14C4.13	0.9999643	Known	YES	NO	NO	YES
SPCC1259.13	SPCC1672.02c	0.9999643	Known	NO	NO	NO	YES
SPAC19G12.06c	SPAC694.06c	0.9999643	Known	NO	YES	NO	YES
SPCC663.12	SPBC1734.02c	0.9999643	Known	NO	NO	NO	NO
SPAC22E12.06c	SPCC736.04c	0.9999641	Known	YES	YES	YES	NO
SPAC20H4.07	SPAC3C7.03c	0.9999639	Known	YES	YES	YES	YES
SPAC24B11.06c	SPBC2F12.09c	0.9999639	Known	NO	NO	NO	YES
SPBC106.20	SPAC23C4.08	0.9999639	Known	NO	YES	NO	YES
SPCC1753.03c	SPAC644.14c	0.9999639	Known	YES	NO	NO	NO
SPAC8E11.02c	SPCC18B5.11c	0.9999639	Known	YES	YES	NO	YES
SPBC1709.01	SPAP8A3.08	0.9999639	Known	YES	YES	YES	YES
SPAC17H9.10c	SPAC29B12.03	0.9999638	Known	NO	NO	YES	YES
SPAC110.03	SPBC1604.14c	0.9999638	Known	YES	YES	YES	YES
SPBC12D12.01	SPAC688.04c	0.9999638	Known	NO	NO	NO	NO
SPBC1105.11c	SPAC18G6.02c	0.9999637	Novel	NO	YES	YES	YES
SPAC18G6.02c	SPAC1834.04	0.9999637	Known	NO	YES	YES	YES
SPBC8D2.04	SPAC18G6.02c	0.9999637	Known	NO	YES	YES	YES
SPAC56F8.05c	SPAC13D6.01	0.9999636	Known	NO	NO	NO	NO
SPAC4C5.04	SPAC23C4.12	0.9999636	Known	NO	NO	NO	NO
SPBC3D6.09	SPBC1347.10	0.9999635	Known	YES	YES	YES	YES
SPAC637.07	SPAC17H9.09c	0.9999635	Known	NO	NO	YES	YES
SPCC285.09c	SPAC23H3.13c	0.9999635	Known	NO	NO	NO	YES
SPBC1718.07c	SPAC6F6.08c	0.9999635	Known	NO	YES	YES	YES
SPAC24B11.11c	SPAC23C4.08	0.9999634	Known	NO	YES	NO	YES
SPCC622.09	SPCC11E10.08	0.9999634	Known	NO	YES	NO	YES
SPBC6B1.07	SPCC16A11.05c	0.9999633	Known	YES	NO	YES	NO
SPBC11B10.09	SPAC19E9.03	0.9999633	Known	NO	YES	YES	YES
SPBC11B10.09	SPAPB2B4.03	0.9999633	Known	NO	YES	YES	YES
SPBC21.01	SPBC18E5.03c	0.9999633	Known	YES	YES	YES	YES
SPAC27F1.04c	SPBC18E5.03c	0.9999633	Known	NO	YES	YES	YES
SPBC20F10.04c	SPBC1921.02	0.9999632	Known	NO	YES	YES	YES
SPCC622.17	SPAC30D11.07	0.9999631	Known	NO	YES	YES	YES
SPAC29A4.02c	SPBC11B10.09	0.9999631	Known	NO	NO	NO	YES
SPAC1751.03	SPBC4C3.07	0.9999631	Known	YES	YES	YES	YES
SPAC8E11.03c	SPAC644.14c	0.9999631	Known	YES	YES	YES	YES
SPBC336.08	SPBC11C11.03	0.9999631	Known	YES	YES	YES	YES
SPAC24B11.06c	SPCC4F11.02	0.9999631	Known	NO	NO	YES	YES
SPAC24B11.11c	SPAC16A10.04	0.999963	Known	NO	NO	NO	YES
SPBC11B10.09	SPBC646.13	0.999963	Known	NO	YES	YES	NO

SPAC637.10c	SPBC646.09c	0.999963	Known	NO	NO	NO	YES
SPACUNK4.06c	SPAC19B12.05c	0.9999629	Known	NO	YES	NO	YES
SPAC6B12.15	SPCC364.02c	0.9999629	Known	NO	NO	NO	NO
SPAC24B11.11c	SPAC1F7.04	0.9999628	Known	NO	YES	NO	YES
SPBC1718.01	SPBC409.05	0.9999627	Known	YES	YES	NO	YES
SPCC550.05	SPAC11E3.08c	0.9999627	Known	YES	YES	YES	YES
SPAC644.14c	SPCC645.04	0.9999626	Known	NO	YES	YES	YES
SPBC2A9.12	SPBC646.14c	0.9999626	Known	YES	YES	YES	YES
SPBC16D10.09	SPAC27E2.05	0.9999625	Known	YES	YES	YES	YES
SPBC3D6.09	SPBC14C8.07c	0.9999625	Known	YES	NO	YES	YES
SPBC16D10.09	SPAC26A3.02	0.9999625	Known	NO	YES	YES	YES
SPAC24H6.06	SPBC725.13c	0.9999624	Known	NO	NO	YES	YES
SPBC32H8.12c	SPBC776.18c	0.9999624	Known	NO	NO	NO	NO
SPAC1420.03	SPBC16G5.01	0.9999624	Known	NO	NO	YES	YES
SPBC16G5.01	SPAPB8E5.02c	0.9999624	Novel	NO	NO	YES	YES
SPCC18B5.11c	SPBC16D10.09	0.9999624	Known	NO	YES	NO	YES
SPAC17G6.12	SPBC409.05	0.9999623	Known	YES	NO	YES	YES
SPCC188.11	SPAP8A3.06	0.9999623	Known	NO	NO	YES	NO
SPAC13D6.05	SPAC22H10.10	0.9999622	Known	YES	YES	YES	YES
SPAC18G6.03	SPBP4H10.04	0.9999621	Known	NO	NO	NO	NO
SPCC16C4.11	SPAC19E9.03	0.9999621	Known	NO	YES	YES	NO
SPBC1105.11c	SPCC306.04c	0.9999621	Known	NO	NO	NO	NO
SPAC1834.04	SPCC306.04c	0.9999621	Novel	NO	NO	NO	NO
SPBC8D2.04	SPCC306.04c	0.9999621	Known	NO	NO	NO	NO
SPAPB24D3.04c	SPBC3D6.10	0.999962	Known	NO	NO	YES	YES
SPAC824.04	SPAC22G7.10	0.999962	Known	YES	NO	YES	YES
SPCC1739.12	SPAC1687.15	0.999962	Known	NO	NO	YES	YES
SPAC1952.07	SPAC644.14c	0.999962	Known	NO	YES	NO	YES
SPAC8E11.03c	SPAC20H4.07	0.9999619	Known	NO	YES	YES	YES
SPBC4F6.15c	SPAC30D11.10	0.9999619	Known	NO	YES	NO	NO
SPAC22H12.02	SPCC1529.01	0.9999618	Known	NO	NO	NO	NO
SPBC1685.01	SPBC119.08	0.9999617	Known	YES	YES	YES	YES
SPBC1685.15c	SPAC589.08c	0.9999616	Known	YES	NO	NO	YES
SPAC1F8.06	SPAC25B8.14	0.9999615	Known	YES	NO	NO	YES
SPAC22F3.02	SPBC29B5.01	0.9999615	Known	NO	YES	YES	NO
SPBC1921.03c	SPBC1D7.04	0.9999615	Known	NO	YES	YES	YES
SPBC20F10.04c	SPBC651.10	0.9999614	Known	YES	YES	YES	YES
SPCC364.02c	SPAC644.04	0.9999614	Known	NO	NO	NO	NO
SPAC8E11.03c	SPAC3C7.03c	0.9999614	Known	NO	YES	YES	YES
SPCC16C4.07	SPBC428.13c	0.9999614	Known	NO	NO	NO	YES
SPBP8B7.14c	SPAC17G8.03c	0.9999614	Known	YES	YES	NO	NO
SPBC20F10.04c	SPBC1734.06	0.9999613	Known	YES	NO	NO	YES
SPBC428.13c	SPBP4H10.04	0.9999613	Known	YES	NO	NO	YES
SPBC725.13c	SPAC23C4.18c	0.9999612	Known	NO	NO	YES	YES
SPAC22A12.05	SPAC4G9.08c	0.9999612	Known	YES	YES	NO	NO
SPAC13C5.07	SPBC21B10.12	0.9999611	Known	NO	NO	YES	YES
SPBC557.03c	SPBC1289.03c	0.999961	Known	NO	NO	YES	YES

SPCC1259.15c	SPAC6F12.15c	0.9999609	Known	NO	NO	YES	YES
SPCC622.08c	SPCC1183.05c	0.9999608	Known	NO	NO	NO	YES
SPCC5E4.03c	SPCC1259.15c	0.9999607	Known	NO	NO	NO	YES
SPAC22E12.16c	SPAP8A3.08	0.9999606	Known	NO	YES	NO	NO
SPAC3G6.06c	SPBC20F10.04c	0.9999606	Known	YES	YES	NO	YES
SPBC409.04c	SPAC27F1.04c	0.9999605	Known	YES	YES	YES	YES
SPAC19G12.06c	SPCC1183.05c	0.9999605	Known	NO	NO	NO	YES
SPCC970.04c	SPAC821.12	0.9999605	Known	NO	YES	YES	NO
SPBC428.13c	SPCC188.02	0.9999604	Known	YES	NO	NO	YES
SPAP27G11.15	SPAC688.06c	0.9999603	Known	YES	YES	YES	YES
SPBC18E5.03c	SPBP22H7.09c	0.9999603	Known	YES	YES	YES	YES
SPAC6G9.08	SPAC637.10c	0.9999601	Known	NO	NO	YES	YES
SPAC3H1.12c	SPCC18.11c	0.99996	Known	YES	NO	YES	YES
SPAC9G1.09	SPBC24C6.07	0.99996	Known	YES	YES	YES	YES
SPAC17G6.04c	SPAPB1A10.04c	0.9999599	Known	NO	YES	NO	NO
SPAC1D4.06c	SPAC644.14c	0.9999597	Known	NO	YES	NO	YES
SPCC1442.10c	SPBC14F5.08	0.9999597	Known	NO	NO	NO	YES
SPAC824.04	SPBC776.02c	0.9999597	Known	YES	NO	NO	YES
SPBC428.13c	SPAC1782.09c	0.9999596	Known	YES	YES	YES	YES
SPAC22H12.02	SPAC25H1.02	0.9999595	Known	YES	NO	YES	NO
SPAC19G12.12	SPBPJ4664.01	0.9999595	Known	YES	YES	YES	NO
SPAC110.03	SPAC1F5.09c	0.9999594	Known	NO	YES	NO	YES
SPBC3D6.09	SPBC685.09	0.9999594	Known	YES	NO	YES	YES
SPAC17G8.09	SPCC306.04c	0.9999593	Known	YES	NO	YES	YES
SPBC428.13c	SPAC6G10.12c	0.9999593	Known	NO	NO	NO	YES
SPBC1685.01	SPCC757.09c	0.9999593	Known	NO	YES	YES	YES
SPBC146.07	SPAP8A3.06	0.9999592	Known	YES	NO	YES	YES
SPAC664.07c	SPBC16D10.09	0.9999592	Known	NO	YES	YES	YES
SPAC24H6.03	SPBC119.02	0.9999592	Known	NO	NO	NO	NO
SPCC1259.15c	SPBC15D4.14	0.9999591	Known	NO	NO	NO	YES
SPCC1672.06c	SPAC4A8.15c	0.9999591	Known	NO	NO	NO	NO
SPBC582.03	SPBC32F12.09	0.9999591	Known	NO	NO	NO	YES
SPBC649.03	SPAC3G6.06c	0.999959	Known	NO	NO	NO	YES
SPAC4D7.03	SPBC409.05	0.9999588	Known	NO	YES	NO	YES
SPCC16C4.07	SPAC1565.06c	0.9999588	Known	NO	NO	NO	YES
SPBC28F2.07	SPAC644.14c	0.9999587	Known	NO	YES	YES	YES
SPBP4H10.04	SPAC1565.06c	0.9999587	Known	NO	NO	NO	YES
SPAC17H9.09c	SPBC646.09c	0.9999585	Known	NO	NO	YES	YES
SPBC776.02c	SPAC4A8.12c	0.9999585	Known	YES	NO	NO	NO
SPAC1D4.06c	SPAC20H4.07	0.9999584	Known	NO	YES	NO	YES
SPBC4.07c	SPAC637.10c	0.9999584	Known	YES	NO	YES	YES
SPBC32H8.07	SPAC23H3.13c	0.9999583	Known	YES	YES	YES	YES
SPBP16F5.02	SPBC19F8.07	0.9999582	Known	YES	NO	YES	YES
SPCC4G3.05c	SPBC30D10.04	0.9999581	Known	YES	YES	NO	YES
SPAC227.16c	SPAC24H6.06	0.9999581	Known	NO	NO	YES	YES
SPBC21.04	SPBC31F10.04c	0.999958	Known	YES	YES	NO	YES
SPBC409.05	SPBP4H10.11c	0.999958	Known	NO	NO	NO	NO

SPBC776.02c	SPBC25B2.05	0.9999578	Known	NO	NO	NO	NO
SPAC110.03	SPAC637.07	0.9999578	Known	NO	YES	NO	YES
SPCC188.02	SPAC1565.06c	0.9999578	Known	NO	NO	NO	YES
SPBC776.18c	SPBC19F8.07	0.9999577	Known	YES	NO	NO	YES
SPAC644.12	SPAC26A3.08	0.9999577	Known	YES	NO	YES	YES
SPAC1F8.06	SPBC18E5.03c	0.9999576	Known	YES	NO	NO	YES
SPAC1783.03	SPAC25B8.14	0.9999576	Known	YES	YES	YES	YES
SPBC660.14	SPAC9E9.13	0.9999574	Known	NO	NO	NO	YES
SPBC336.09c	SPBC725.17c	0.9999573	Known	YES	YES	YES	NO
SPAC13D6.05	SPBC16A3.15c	0.9999573	Known	NO	NO	NO	YES
SPBC24C6.11	SPAC644.12	0.9999573	Known	YES	NO	YES	NO
SPCC31H12.05c	SPBC776.02c	0.9999571	Known	NO	YES	YES	NO
SPAC31G5.11	SPBC800.05c	0.9999569	Known	NO	NO	NO	NO
SPAC20G4.04c	SPAC644.14c	0.9999569	Known	NO	YES	NO	YES
SPAC1782.09c	SPAC1565.06c	0.9999569	Known	YES	YES	YES	YES
SPAC3C7.03c	SPBC28F2.07	0.9999568	Known	NO	NO	YES	YES
SPAC227.16c	SPAC23C4.18c	0.9999567	Known	NO	NO	YES	YES
SPAC27F1.02c	SPBC11C11.02	0.9999567	Known	YES	NO	YES	YES
SPAC13D6.05	SPBC800.05c	0.9999567	Known	NO	NO	NO	YES
SPCC188.04c	SPAC27F1.04c	0.9999567	Known	YES	YES	YES	YES
SPAC2E1P5.04c	SPAPB1A10.04c	0.9999567	Known	YES	YES	YES	NO
SPCC736.14	SPCC622.09	0.9999567	Known	NO	NO	NO	YES
SPAC13D6.05	SPBC26H8.07c	0.9999566	Known	NO	NO	NO	YES
SPAC6G10.12c	SPAC1565.06c	0.9999565	Known	NO	NO	NO	YES
SPAC222.09	SPACUNK4.06c	0.9999565	Known	NO	YES	NO	NO
SPAC24B11.06c	SPBC11B10.09	0.9999564	Known	NO	YES	YES	YES
SPBC1703.06	SPBC409.05	0.9999562	Known	NO	YES	NO	NO
SPAC227.16c	SPAC17D4.02	0.999956	Known	NO	NO	YES	YES
SPBP35G2.03c	SPBC16H5.07c	0.999956	Known	NO	NO	NO	YES
SPCPIE11.07c	SPAC644.12	0.9999559	Known	YES	NO	YES	NO
SPAC17C9.05c	SPBC14F5.08	0.9999559	Known	YES	NO	YES	YES
SPAC1D4.06c	SPBC19F8.07	0.9999559	Known	NO	YES	YES	YES
SPBP16F5.02	SPBC776.18c	0.9999559	Known	YES	YES	YES	YES
SPAC18B11.10	SPAC21E11.03c	0.9999558	Known	YES	NO	YES	YES
SPAC17H9.09c	SPBC19C2.05	0.9999557	Known	NO	NO	NO	NO
SPBC28F2.12	SPAC1B3.12c	0.9999556	Known	NO	YES	YES	YES
SPCC16C4.03	SPAC24H6.05	0.9999556	Known	NO	NO	YES	YES
SPAC23H4.18c	SPCC11E10.08	0.9999555	Known	NO	NO	NO	YES
SPBC32F12.06	SPBC11B10.09	0.9999555	Known	NO	YES	NO	NO
SPAC110.03	SPAC22H10.07	0.9999553	Known	YES	YES	YES	YES
SPAC17C9.13c	SPBC1734.06	0.9999553	Known	NO	NO	YES	YES
SPBC3B9.07c	SPAC18G6.11c	0.9999552	Known	NO	NO	YES	YES
SPBC543.07	SPBC1685.01	0.9999551	Known	YES	NO	YES	YES
SPAC18B11.07c	SPCC1919.15	0.999955	Known	YES	YES	YES	NO
SPAC589.08c	SPAC1687.20c	0.999955	Known	YES	NO	NO	YES
SPBC12D12.01	SPAC1565.06c	0.9999549	Known	YES	YES	NO	YES
SPAC16.02c	SPBC11C11.08	0.9999548	Known	NO	YES	NO	YES

SPAC6B12.11	SPBC11B10.09	0.9999548	Known	NO	YES	YES	NO
SPBC409.04c	SPAC1687.15	0.9999547	Known	NO	NO	NO	YES
SPBC32F12.11	SPCC1442.10c	0.9999546	Known	NO	YES	NO	YES
SPBC11B10.09	SPBC19F8.07	0.9999545	Known	NO	YES	YES	YES
SPBC354.12	SPCC1442.10c	0.9999545	Novel	NO	NO	NO	YES
SPBC21B10.04c	SPAC16E8.09	0.9999545	Known	YES	NO	NO	YES
SPAC8E11.03c	SPBC28F2.07	0.9999544	Known	NO	NO	YES	YES
SPCC1795.01c	SPAC23H3.08c	0.9999543	Known	YES	YES	YES	YES
SPAC343.09	SPAC637.10c	0.9999543	Known	NO	YES	NO	NO
SPCC970.10c	SPAC18B11.07c	0.9999542	Known	YES	YES	YES	NO
SPAC823.15	SPBP35G2.03c	0.999954	Known	NO	NO	NO	YES
SPBC16D10.09	SPAC3G6.06c	0.999954	Known	YES	YES	NO	YES
SPAC18G6.15	SPAC23H3.08c	0.999954	Known	NO	YES	YES	YES
SPAC1D4.06c	SPBP16F5.02	0.999954	Known	NO	NO	NO	YES
SPAC27D7.07c	SPBC6B1.07	0.999954	Known	YES	NO	YES	YES
SPAC222.15	SPCC18B5.11c	0.999954	Known	NO	YES	NO	YES
SPAPB1A10.09	SPAP8A3.08	0.999954	Known	NO	NO	NO	NO
SPBC20F10.04c	SPCC645.04	0.9999539	Known	YES	YES	YES	YES
SPCC1739.12	SPBC16H5.07c	0.9999538	Known	NO	YES	YES	NO
SPAC19B12.05c	SPCC1020.04c	0.9999538	Known	NO	NO	NO	YES
SPBC24C6.07	SPBC1718.07c	0.9999537	Known	NO	YES	NO	YES
SPBC20F10.06	SPAC821.08c	0.9999537	Known	YES	YES	YES	YES
SPAC21E11.03c	SPAC630.14c	0.9999536	Known	YES	NO	NO	YES
SPAC22H12.02	SPBC1734.11	0.9999536	Known	NO	NO	NO	NO
SPAC4D7.05	SPBC11B10.09	0.9999534	Known	NO	YES	YES	NO
SPAC16A10.06c	SPAC644.14c	0.9999534	Known	NO	YES	YES	YES
SPAC17H9.09c	SPBC4.07c	0.9999534	Known	NO	NO	YES	YES
SPBC8D2.03c	SPCC11E10.08	0.9999534	Novel	NO	YES	NO	NO
SPCC622.08c	SPBC342.05	0.9999534	Known	NO	NO	NO	YES
SPAC1834.03c	SPCC11E10.08	0.9999534	Known	NO	YES	NO	NO
SPBC1105.12	SPCC11E10.08	0.9999534	Novel	NO	YES	NO	NO
SPAC1783.03	SPBC18E5.03c	0.9999533	Known	YES	YES	YES	YES
SPBC11B10.09	SPBC776.02c	0.9999533	Known	NO	NO	YES	NO
SPCC550.13	SPBC30D10.04	0.9999531	Known	NO	YES	YES	YES
SPBC6B1.07	SPAC2C4.03c	0.999953	Known	YES	NO	YES	YES
SPBC16D10.09	SPBC1734.02c	0.999953	Known	NO	YES	YES	YES
SPAC19G12.06c	SPBC342.05	0.999953	Known	NO	NO	NO	YES
SPAC227.16c	SPBP8B7.14c	0.9999527	Known	NO	NO	YES	YES
SPAC17C9.10	SPAC23H3.13c	0.9999526	Known	NO	NO	NO	NO
SPBC29A3.07c	SPBC6B1.07	0.9999525	Known	NO	NO	YES	NO
SPBC11B10.09	SPBP16F5.02	0.9999525	Known	NO	YES	NO	YES
SPBC14F5.04c	SPCC550.05	0.9999525	Known	NO	NO	NO	NO
SPBC4F6.15c	SPAC3G6.06c	0.9999524	Known	NO	YES	NO	YES
SPAC18G6.15	SPCC1795.01c	0.9999524	Known	NO	YES	NO	YES
SPBC21.05c	SPBC409.05	0.9999524	Known	NO	NO	NO	NO
SPAC222.15	SPAC14C4.03	0.9999523	Known	NO	NO	NO	NO
SPBP4H10.04	SPCC830.06	0.9999523	Known	YES	NO	YES	YES

SPAC890.02c	SPBC20F10.06	0.9999522	Known	NO	YES	NO	YES
SPBC21C3.16c	SPAC23C4.19	0.9999521	Known	YES	YES	YES	NO
SPAC959.09c	SPBC28E12.01c	0.999952	Known	YES	YES	YES	YES
SPAC57A10.05c	SPBC409.05	0.9999519	Known	YES	YES	YES	YES
SPAC1F7.05	SPAC29B12.03	0.9999519	Known	YES	YES	NO	NO
SPAC21E11.03c	SPBC29B5.01	0.9999519	Known	YES	YES	YES	YES
SPCC1739.12	SPAC823.15	0.9999518	Known	NO	YES	YES	NO
SPAC15E1.07c	SPBC29A10.14	0.9999518	Known	YES	YES	YES	NO
SPBC32F12.09	SPAPB2B4.03	0.9999516	Known	NO	NO	NO	YES
SPAC18G6.03	SPAC22H10.12c	0.9999513	Known	YES	NO	YES	YES
SPAC458.07	SPAC23C4.15	0.9999512	Known	NO	YES	NO	NO
SPAC19G12.01c	SPBC83.04	0.9999512	Known	YES	NO	YES	YES
SPAC25B8.14	SPBC27.02c	0.9999511	Known	YES	NO	YES	YES
SPAC19B12.05c	SPBC337.14	0.999951	Known	NO	YES	NO	YES
SPBC6B1.07	SPBC8D2.09c	0.999951	Known	NO	NO	YES	YES
SPBC24C6.07	SPBC18H10.04c	0.999951	Known	NO	NO	YES	NO
SPAC1952.07	SPAC20G4.04c	0.9999509	Known	YES	YES	YES	YES
SPAC3G9.10c	SPCC364.02c	0.9999509	Known	NO	NO	NO	NO
SPBC24C6.07	SPAC1687.15	0.9999508	Known	NO	NO	NO	NO
SPAC4D7.05	SPBC18H10.03	0.9999508	Known	YES	YES	YES	YES
SPAC31G5.13	SPBC409.06	0.9999507	Known	YES	NO	YES	YES
SPAC19G12.01c	SPBC28E12.01c	0.9999507	Known	YES	YES	YES	YES
SPCC18B5.11c	SPBC20F10.06	0.9999507	Known	NO	YES	NO	YES
SPCC18.11c	SPCC306.04c	0.9999507	Known	YES	NO	YES	YES
SPAC1071.12c	SPAC24H6.05	0.9999505	Known	NO	YES	YES	NO
SPBC19C2.05	SPAC1565.06c	0.9999505	Known	NO	YES	NO	YES
SPAC27F1.04c	SPAC688.02c	0.9999504	Known	YES	YES	YES	YES
SPBC1289.12	SPAC19A8.13	0.9999504	Known	YES	NO	YES	NO
SPAC21E11.03c	SPBC83.03c	0.9999504	Known	YES	NO	YES	YES
SPBC1198.13c	SPCC1442.10c	0.99995	Known	NO	YES	NO	YES
SPBC725.13c	SPBC776.12c	0.99995	Known	NO	NO	YES	YES
SPAC1D4.06c	SPBC11B10.09	0.9999499	Known	NO	YES	YES	YES
SPAC1565.06c	SPAC227.07c	0.9999497	Known	NO	NO	NO	NO
SPAP8A3.08	SPBC11C11.02	0.9999496	Known	YES	YES	YES	YES
SPBC409.05	SPCC338.16	0.9999495	Known	NO	YES	NO	YES
SPAC13D6.01	SPAC26F1.06	0.9999494	Known	NO	NO	NO	NO
SPAC11E3.09	SPBC11B10.09	0.9999493	Known	NO	NO	YES	YES
SPAC16A10.04	SPBC26H8.07c	0.9999493	Known	NO	YES	YES	NO
SPAC29A4.08c	SPBC28F2.04c	0.9999492	Known	YES	YES	YES	YES
SPAC2F7.04	SPBC21.04	0.9999492	Known	YES	NO	NO	YES
SPAC1D4.13	SPAC1565.04c	0.9999491	Known	NO	YES	YES	YES
SPCC550.05	SPBC651.10	0.9999491	Known	YES	YES	YES	YES
SPBC32F12.04	SPBC20F10.06	0.9999491	Known	NO	NO	NO	YES
SPAP8A3.08	SPBC4C3.12	0.9999491	Known	NO	NO	NO	NO
SPBC1105.06	SPBC14F5.08	0.9999491	Known	YES	NO	YES	NO
SPBC2F12.11c	SPAC19E9.03	0.999949	Known	NO	NO	YES	YES
SPAPB2B4.03	SPBC2F12.11c	0.999949	Known	NO	NO	YES	YES

SPCC1259.13	SPBC725.13c	0.9999489	Known	NO	NO	NO	YES
SPAC17H9.09c	SPBC1718.07c	0.9999489	Known	NO	NO	YES	YES
SPBC2D10.12	SPAC637.10c	0.9999488	Known	NO	YES	YES	YES
SPBC3B9.21	SPAC19A8.12	0.9999487	Known	YES	YES	YES	NO
SPBC12D12.01	SPCC1682.04	0.9999485	Known	NO	NO	YES	NO
SPAC27F1.04c	SPBC20F10.06	0.9999485	Known	YES	YES	YES	YES
SPBC582.03	SPAC9E9.13	0.9999483	Known	NO	YES	YES	YES
SPCC24B10.13	SPBC1604.14c	0.9999483	Known	NO	NO	NO	YES
SPCC1259.13	SPBC30D10.04	0.9999482	Known	NO	YES	NO	YES
SPBC1D7.04	SPBC26H8.07c	0.9999482	Known	NO	NO	NO	YES
SPAC19A8.13	SPAC23D3.08	0.999948	Known	YES	NO	YES	NO
SPCC188.11	SPBC28F2.03	0.999948	Known	NO	NO	NO	NO
SPBP23A10.04	SPBC28E12.01c	0.9999479	Known	YES	YES	YES	YES
SPAC1F7.04	SPBC4F6.12	0.9999478	Known	NO	YES	NO	YES
SPAC22H10.12c	SPAC4C5.02c	0.9999478	Known	NO	NO	YES	YES
SPAC16A10.06c	SPCC645.04	0.9999478	Known	YES	YES	YES	YES
SPBC83.04	SPAC6F12.15c	0.9999476	Known	YES	NO	YES	YES
SPBC19C2.03	SPBC28F2.12	0.9999475	Known	NO	YES	YES	YES
SPAC22H10.12c	SPAC9E9.07c	0.9999475	Known	NO	NO	YES	NO
SPAC24H6.05	SPAC18B11.07c	0.9999475	Known	NO	NO	NO	NO
SPCC24B10.13	SPBC16H5.11c	0.9999472	Known	NO	NO	NO	YES
SPAC1783.07c	SPBC409.05	0.9999472	Known	NO	NO	NO	NO
SPAC6F12.15c	SPBC28E12.01c	0.9999471	Known	YES	YES	YES	YES
SPBC336.08	SPAC27F1.04c	0.9999471	Known	YES	YES	YES	YES
SPAPB24D3.04c	SPAC3G6.06c	0.999947	Known	NO	NO	NO	NO
SPAC110.03	SPAC4F8.07c	0.999947	Known	NO	NO	NO	NO
SPAC3A11.08	SPAC29B12.03	0.9999467	Known	NO	NO	YES	YES
SPAC637.10c	SPAC26A3.16	0.9999467	Known	NO	NO	YES	YES
SPAC17C9.01c	SPBC28E12.01c	0.9999466	Known	YES	YES	YES	YES
SPAC17C9.13c	SPBC776.02c	0.9999466	Known	NO	NO	NO	YES
SPAC17G6.14c	SPBC1D7.04	0.9999465	Known	YES	YES	NO	YES
SPBC14C8.12	SPAC19B12.05c	0.9999464	Known	NO	YES	NO	YES
SPBC12D12.06	SPBC14F5.08	0.9999464	Known	YES	NO	YES	YES
SPAC16A10.04	SPAC14C4.09	0.9999463	Known	NO	NO	NO	YES
SPBC409.09c	SPBC409.04c	0.9999462	Known	YES	YES	YES	YES
SPBC1718.03	SPAC18G6.11c	0.9999461	Known	NO	NO	YES	YES
SPAC25B8.14	SPAC4F10.12	0.999946	Known	YES	NO	NO	YES
SPBC17D11.01	SPBC20F10.06	0.9999458	Known	NO	YES	YES	NO
SPAC25B8.14	SPBC18E5.03c	0.9999454	Known	YES	YES	YES	YES
SPBC16D10.09	SPAC1952.07	0.9999454	Known	NO	YES	YES	YES
SPAC3A12.07	SPAC19B12.05c	0.9999454	Known	NO	YES	NO	YES
SPBC4F6.15c	SPBC1709.14	0.9999453	Known	NO	NO	NO	NO
SPAC16.01	SPBC119.08	0.9999452	Known	YES	YES	NO	YES
SPBC29A3.16	SPBC12D12.01	0.999945	Known	NO	NO	NO	NO
SPAC17H9.09c	SPAC17G6.04c	0.9999449	Known	NO	NO	YES	YES
SPBC1685.11	SPAC17H9.03c	0.9999449	Known	NO	YES	YES	YES
SPBC16G5.01	SPAC31G5.13	0.9999449	Known	YES	YES	YES	YES

SPAC110.03	SPBC4F6.12	0.9999448	Known	YES	YES	NO	NO
SPBC839.07	SPCC338.17c	0.9999448	Known	NO	NO	NO	YES
SPAC27D7.07c	SPAC644.12	0.9999447	Known	NO	NO	YES	YES
SPBC32F12.09	SPBC19F5.01c	0.9999442	Known	NO	NO	NO	YES
SPCC18B5.11c	SPBC30D10.04	0.999944	Known	NO	YES	NO	YES
SPAC22H12.02	SPAC16E8.16	0.9999439	Known	NO	NO	YES	NO
SPAC13C5.07	SPCC622.08c	0.9999438	Known	NO	NO	NO	YES
SPAC644.12	SPAC2C4.03c	0.9999435	Known	YES	NO	YES	YES
SPCC4B3.16	SPBC16H5.07c	0.9999433	Known	YES	NO	NO	NO
SPAC19G12.06c	SPAC13C5.07	0.9999433	Known	NO	NO	NO	YES
SPBC16G5.01	SPBC409.06	0.9999433	Known	NO	NO	YES	YES
SPAC1002.15c	SPBC14F5.08	0.9999431	Known	YES	YES	YES	NO
SPAC688.02c	SPAC1687.15	0.9999431	Known	NO	NO	NO	YES
SPAPB24D3.04c	SPAC30D11.07	0.999943	Known	NO	NO	YES	YES
SPAC17C9.13c	SPAC31G5.13	0.999943	Known	NO	NO	YES	YES
SPBC405.04c	SPAC607.09c	0.999943	Known	NO	NO	YES	NO
SPBC1718.07c	SPAC1565.06c	0.9999429	Known	NO	YES	NO	YES
SPCC622.09	SPAC1687.20c	0.9999428	Known	NO	NO	NO	YES
SPAC21E11.03c	SPAC1B1.01	0.9999427	Known	YES	YES	YES	YES
SPCC970.04c	SPAC1834.06c	0.9999427	Known	YES	YES	YES	NO
SPAC16A10.06c	SPBC20F10.04c	0.9999426	Known	YES	YES	YES	YES
SPAC6F6.08c	SPAC17G8.10c	0.9999424	Known	YES	NO	YES	YES
SPCC550.05	SPAC17A5.11	0.9999424	Known	NO	NO	YES	NO
SPBC6B1.07	SPBC19C2.14	0.9999422	Known	YES	NO	YES	YES
SPAPB24D3.04c	SPAC3C7.03c	0.9999422	Known	NO	NO	YES	NO
SPBC4F6.12	SPAC926.03	0.9999421	Known	YES	YES	YES	YES
SPAC17G8.09	SPBC13G1.08c	0.999942	Known	YES	NO	YES	YES
SPBC409.04c	SPCC1739.12	0.9999417	Known	NO	YES	NO	YES
SPBC1289.02c	SPAP8A3.06	0.9999417	Known	YES	YES	YES	YES
SPAC17C9.13c	SPBC14C8.01c	0.9999416	Known	NO	NO	NO	YES
SPBC1105.17	SPCC290.04	0.9999416	Known	NO	YES	NO	YES
SPCC297.03	SPAC4A8.15c	0.9999415	Known	NO	NO	NO	YES
SPAC3A12.18	SPBC409.05	0.9999414	Known	NO	NO	NO	NO
SPAC23C4.15	SPBC14F5.08	0.9999413	Known	NO	NO	NO	YES
SPBC409.04c	SPAC25B8.14	0.9999413	Known	YES	YES	NO	NO
SPAC17H9.09c	SPAC18G6.07c	0.9999412	Known	NO	NO	NO	YES
SPBC2F12.11c	SPBC19F5.01c	0.9999412	Known	NO	NO	NO	YES
SPBC12D12.02c	SPAC8F11.07c	0.9999411	Known	YES	NO	NO	YES
SPBC8D2.09c	SPAC644.12	0.9999411	Known	YES	NO	YES	YES
SPCC1259.13	SPBC409.05	0.999941	Known	NO	YES	NO	YES
SPAC823.15	SPCC4B3.16	0.9999408	Novel	NO	NO	NO	NO
SPAC17G6.04c	SPAC23C4.08	0.9999408	Known	NO	NO	NO	NO
SPBC3D6.09	SPBC1734.02c	0.9999407	Known	NO	YES	NO	NO
SPAC24H6.03	SPAC23H4.18c	0.9999407	Known	NO	NO	YES	YES
SPBC18E5.03c	SPAC4F10.12	0.9999406	Known	YES	NO	YES	YES
SPAC5D6.05	SPBC14F5.08	0.9999404	Known	YES	YES	YES	YES
SPAC1002.06c	SPBC1778.02	0.9999401	Known	YES	YES	YES	NO

SPBC1718.01	SPAC23H4.18c	0.9999399	Known	NO	YES	NO	YES
SPCC126.02c	SPCC622.08c	0.9999398	Known	NO	NO	NO	YES
SPAC110.03	SPBC23G7.12c	0.9999398	Known	NO	NO	NO	NO
SPAPYUG7.04c	SPAC19B12.05c	0.9999396	Known	NO	NO	NO	YES
SPCC970.07c	SPCC622.09	0.9999394	Known	NO	NO	NO	YES
SPBC83.07	SPCC18.11c	0.9999394	Known	YES	NO	YES	YES
SPBC1105.17	SPAC1687.20c	0.9999394	Known	YES	YES	YES	YES
SPAC19G12.06c	SPCC126.02c	0.9999393	Known	NO	NO	NO	YES
SPCC550.05	SPCC645.04	0.9999392	Known	YES	YES	YES	YES
SPAC17G6.12	SPAC23H4.18c	0.9999392	Known	NO	NO	YES	YES
SPAC16.01	SPAC17G6.04c	0.9999391	Known	NO	NO	NO	NO
SPBC1685.11	SPBC11B10.06	0.9999388	Known	NO	YES	YES	YES
SPAC30D11.07	SPBC23G7.11	0.9999386	Known	NO	NO	YES	NO
SPAC15A10.08	SPAC4A8.15c	0.9999385	Known	YES	NO	YES	YES
SPBC428.08c	SPAC30D11.13	0.9999385	Known	NO	YES	NO	YES
SPAC31G5.13	SPAC637.10c	0.9999382	Known	YES	NO	YES	YES
SPBC21.04	SPBC14F5.08	0.9999381	Known	YES	NO	NO	YES
SPAC890.02c	SPBC409.05	0.9999381	Known	NO	YES	NO	NO
SPBC13G1.11	SPAC17G6.04c	0.9999381	Known	NO	NO	NO	NO
SPAC222.15	SPAC17A5.11	0.9999377	Known	NO	NO	YES	YES
SPAC17H9.09c	SPAC1D4.13	0.9999377	Known	NO	NO	YES	YES
SPBC1198.13c	SPAC22H12.02	0.9999374	Known	YES	YES	YES	YES
SPAC1834.03c	SPBC342.05	0.9999373	Known	NO	NO	NO	YES
SPBC1105.12	SPBC342.05	0.9999373	Novel	NO	YES	NO	YES
SPBC8D2.03c	SPBC342.05	0.9999373	Known	NO	NO	NO	YES
SPBC3H7.06c	SPBC409.05	0.9999371	Known	NO	YES	NO	NO
SPAC6F12.14	SPBC28E12.01c	0.9999368	Known	YES	YES	YES	YES
SPAC8E11.02c	SPAC17A2.13c	0.9999365	Known	YES	YES	YES	YES
SPAC637.10c	SPBC409.06	0.9999365	Known	NO	NO	YES	YES
SPCC18B5.11c	SPBC409.05	0.9999361	Known	NO	YES	NO	YES
SPBC12D12.02c	SPAC27E2.05	0.999936	Known	YES	YES	YES	YES
SPBC543.07	SPAC16.01	0.9999358	Known	NO	NO	NO	YES
SPAC30D11.10	SPAC30D11.13	0.9999356	Known	NO	YES	NO	NO
SPAC23G3.01	SPAC1B3.12c	0.9999354	Known	NO	YES	YES	YES
SPBC24C6.07	SPAC6F6.08c	0.9999354	Known	YES	YES	YES	YES
SPAC22H12.02	SPCC1442.10c	0.9999352	Known	NO	YES	NO	YES
SPAC19G12.01c	SPAC27D7.05c	0.9999351	Known	YES	NO	YES	YES
SPAC1F7.04	SPAC2E1P5.04c	0.999935	Known	NO	YES	NO	NO
SPAC17C9.13c	SPAP27G11.15	0.9999347	Known	NO	NO	NO	YES
SPBC582.03	SPAC18B11.07c	0.9999346	Known	NO	NO	NO	NO
SPAC17C9.13c	SPBC16G5.01	0.9999344	Known	NO	NO	NO	YES
SPAC25B8.14	SPCC1393.04	0.9999342	Known	YES	NO	NO	YES
SPAC17G6.06	SPBC8D2.10c	0.9999336	Known	YES	NO	NO	NO
SPBC17G9.07	SPBC8D2.10c	0.9999336	Novel	YES	NO	NO	NO
SPBC12D12.08c	SPCC11E10.08	0.9999336	Known	NO	NO	NO	YES
SPAC4D7.03	SPAC23H4.18c	0.9999336	Known	NO	YES	NO	YES
SPBC1D7.04	SPBC16A3.05c	0.9999333	Known	NO	YES	YES	YES

SPAC27D7.13c	SPAC1805.08	0.9999332	Known	YES	YES	YES	NO
SPCC550.05	SPBC20F10.04c	0.9999332	Known	YES	YES	YES	YES
SPBC56F2.01	SPBC409.05	0.9999331	Known	NO	YES	NO	NO
SPAC19A8.13	SPCC16A11.13	0.9999325	Known	YES	YES	NO	NO
SPBC409.09c	SPAC688.02c	0.9999324	Known	YES	YES	YES	YES
SPAC12B10.07	SPAC631.01c	0.9999322	Known	YES	YES	YES	YES
SPBC32F12.09	SPBC11B10.09	0.9999318	Known	NO	NO	NO	YES
SPAC13D6.01	SPBC409.05	0.9999316	Known	YES	YES	YES	YES
SPBC19C2.05	SPBC119.04	0.9999313	Known	NO	YES	NO	YES
SPCC550.05	SPBC685.06	0.9999312	Known	NO	YES	NO	NO
SPBC839.07	SPBC776.12c	0.9999311	Known	NO	NO	NO	YES
SPCC1235.07	SPBC18E5.03c	0.9999311	Known	YES	NO	YES	NO
SPBC6B1.07	SPBC11G11.06c	0.9999306	Known	YES	NO	YES	NO
SPBC19C2.14	SPAC644.12	0.9999305	Known	NO	NO	YES	YES
SPAC17G8.05	SPBC14F5.08	0.9999304	Known	YES	YES	NO	YES
SPAC27D7.05c	SPAC6F12.15c	0.9999303	Known	YES	NO	YES	YES
SPAC3G9.04	SPAC824.04	0.9999302	Known	YES	NO	NO	YES
SPAC17H9.09c	SPBC32H8.07	0.9999301	Known	NO	NO	NO	NO
SPAC24B11.06c	SPCC576.03c	0.9999299	Known	YES	YES	YES	NO
SPBP8B7.12c	SPAC25B8.14	0.9999299	Known	YES	NO	NO	YES
SPAC16A10.05c	SPBC2F12.13	0.9999299	Known	YES	NO	NO	YES
SPBC13G1.08c	SPCC18.11c	0.9999298	Known	YES	NO	YES	YES
SPAC1834.03c	SPCC290.04	0.9999298	Known	NO	NO	NO	NO
SPBC1105.12	SPCC290.04	0.9999298	Known	NO	NO	NO	YES
SPBC8D2.03c	SPCC290.04	0.9999298	Novel	NO	NO	NO	NO
SPAC18G6.15	SPBC1289.03c	0.9999297	Known	NO	YES	NO	YES
SPBC336.01	SPBC409.03	0.9999295	Known	NO	YES	YES	YES
SPBC16G5.01	SPAC637.10c	0.9999289	Known	YES	NO	YES	YES
SPBC14F5.04c	SPBC409.05	0.9999287	Known	NO	NO	NO	NO
SPBC12D12.01	SPAC6G9.13c	0.9999285	Known	YES	YES	NO	NO
SPCC1672.10	SPCC970.12	0.9999284	Known	YES	YES	YES	YES
SPBC4.05	SPBC1D7.04	0.9999283	Known	NO	NO	NO	YES
SPBC4B4.07c	SPAC19A8.13	0.9999281	Known	YES	NO	YES	NO
SPCC1840.10	SPAC644.12	0.9999277	Known	YES	NO	YES	NO
SPCC1393.04	SPBC18E5.03c	0.9999276	Known	YES	NO	YES	YES
SPAC4F8.10c	SPBC32H8.12c	0.9999275	Known	YES	NO	YES	NO
SPBC1105.11c	SPBC428.08c	0.9999274	Novel	NO	YES	YES	YES
SPBC428.08c	SPBC8D2.04	0.9999274	Known	NO	NO	YES	YES
SPBC428.08c	SPAC1834.04	0.9999274	Known	NO	NO	YES	YES
SPBC1198.13c	SPAC23C4.15	0.9999273	Known	NO	YES	NO	YES
SPBC26H8.07c	SPBC119.02	0.9999272	Known	NO	NO	NO	YES
SPCC550.05	SPCC1827.05c	0.9999269	Known	NO	NO	NO	NO
SPACUNK4.06c	SPBC14F5.08	0.9999268	Known	NO	NO	NO	YES
SPACUNK4.06c	SPBC32H8.12c	0.9999266	Known	NO	NO	NO	NO
SPAC17G6.17	SPBC409.05	0.9999265	Known	NO	YES	NO	NO
SPCC970.07c	SPAC23H4.18c	0.9999263	Known	YES	YES	NO	YES
SPAC3A11.05c	SPAC1805.08	0.9999261	Known	YES	NO	YES	NO

SPAC3C7.08c	SPAC3G6.02	0.9999259	Known	YES	NO	YES	YES
SPCC1259.13	SPCC622.08c	0.9999258	Known	NO	NO	NO	YES
SPCC1795.01c	SPBC20F10.06	0.9999253	Known	YES	YES	YES	YES
SPBC409.05	SPBC1271.01c	0.9999253	Known	NO	YES	NO	NO
SPBC428.13c	SPAC6F6.08c	0.9999252	Known	YES	YES	NO	YES
SPAC19G12.06c	SPCC1259.13	0.9999251	Known	NO	NO	NO	YES
SPCC1442.10c	SPAC23C4.15	0.9999247	Known	NO	YES	YES	YES
SPCC16C4.13c	SPCC1223.04c	0.9999243	Known	YES	NO	NO	NO
SPCC31H12.04c	SPCC1223.04c	0.9999243	Novel	NO	NO	NO	NO
SPCC622.09	SPBC106.10	0.9999242	Known	NO	NO	NO	NO
SPBC409.04c	SPCC188.04c	0.9999239	Known	YES	YES	YES	YES
SPAC19G12.01c	SPAC343.03	0.9999238	Known	YES	YES	YES	YES
SPAC110.03	SPBC3F6.03	0.9999237	Known	NO	NO	NO	NO
SPAC23G3.01	SPBC19C2.03	0.9999237	Known	NO	YES	YES	YES
SPBC3E7.14	SPBC6B1.07	0.9999236	Known	YES	NO	YES	YES
SPBP8B7.12c	SPBC18E5.03c	0.9999229	Known	YES	NO	YES	YES
SPBC4B4.05	SPBC6B1.07	0.9999223	Known	YES	NO	YES	YES
SPBC4F6.12	SPAP8A3.08	0.9999218	Known	YES	YES	YES	YES
SPCC622.08c	SPAC30D11.10	0.9999213	Known	NO	NO	NO	YES
SPAC22A12.03c	SPBC409.05	0.9999213	Known	NO	NO	NO	NO
SPCC1672.08c	SPAC23C4.15	0.9999213	Known	NO	YES	NO	YES
SPBC119.04	SPAC8C9.03	0.9999211	Known	NO	NO	NO	YES
SPAC27F1.02c	SPBC32H8.12c	0.9999209	Known	YES	NO	YES	YES
SPBC1685.15c	SPAC16A10.05c	0.9999208	Known	YES	NO	NO	YES
SPBC428.08c	SPCC622.09	0.9999206	Known	NO	NO	NO	YES
SPAC17H9.09c	SPAC17C9.10	0.9999206	Known	NO	NO	NO	NO
SPAC19G12.06c	SPAC30D11.10	0.9999206	Known	NO	NO	NO	YES
SPAC6F6.08c	SPAC1565.06c	0.9999202	Known	YES	YES	YES	YES
SPCC18B5.11c	SPCC622.08c	0.9999197	Known	NO	NO	NO	YES
SPBC12D12.02c	SPBC1734.02c	0.9999196	Known	YES	YES	YES	YES
SPBP23A10.04	SPAC343.03	0.9999194	Known	YES	YES	YES	YES
SPAC17H9.19c	SPAC29B12.03	0.9999191	Known	NO	YES	YES	YES
SPAC19G12.06c	SPCC18B5.11c	0.999919	Known	NO	NO	NO	YES
SPAC22H10.10	SPAC8E11.07c	0.9999187	Known	YES	NO	YES	NO
SPBC17D11.07c	SPAC3G6.02	0.9999187	Known	NO	NO	YES	YES
SPAC17H9.09c	SPAC1565.04c	0.9999184	Known	NO	NO	YES	YES
SPAC824.04	SPAC227.08c	0.9999177	Known	YES	NO	YES	YES
SPAC18B11.07c	SPBC1734.06	0.9999177	Known	YES	YES	YES	NO
SPCC1827.08c	SPBC409.05	0.9999176	Known	NO	NO	NO	NO
SPBC32F12.11	SPACUNK4.06c	0.9999175	Known	NO	YES	NO	YES
SPBC354.12	SPACUNK4.06c	0.9999173	Known	NO	NO	NO	NO
SPAC5D6.05	SPAC17C9.05c	0.9999162	Known	YES	YES	YES	YES
SPBC4F6.15c	SPAC4G9.11c	0.9999159	Known	NO	YES	NO	YES
SPBC20F10.06	SPBC18E5.03c	0.9999157	Known	NO	YES	NO	YES
SPAC22H12.02	SPAC29E6.08	0.999915	Known	YES	YES	YES	YES
SPAC21E11.03c	SPAC664.01c	0.9999148	Known	NO	NO	NO	YES
SPAC6F6.02c	SPBC409.05	0.9999144	Known	NO	YES	NO	NO

SPBC11B10.09	SPAC9E9.13	0.9999138	Known	NO	YES	YES	YES
SPAC1142.03c	SPBC409.03	0.9999138	Known	YES	YES	YES	YES
SPAC17C9.05c	SPBC21.04	0.999913	Known	YES	YES	NO	YES
SPBC409.04c	SPAC688.02c	0.9999127	Known	YES	YES	YES	YES
SPCC11E10.07c	SPBC409.05	0.9999125	Known	NO	NO	NO	NO
SPBC2D10.12	SPAC6G10.11c	0.9999125	Known	NO	NO	NO	NO
SPBC2D10.12	SPAC589.10c	0.9999125	Novel	NO	NO	YES	NO
SPAC24H6.03	SPBC12D12.08c	0.9999115	Known	YES	NO	NO	NO
SPBC1105.11c	SPBC36.05c	0.9999114	Known	NO	YES	YES	NO
SPBC36.05c	SPBC8D2.04	0.9999114	Known	NO	NO	YES	NO
SPBC36.05c	SPAC1834.04	0.9999114	Known	NO	NO	YES	NO
SPAC13D6.04c	SPAC23H4.18c	0.9999098	Known	NO	YES	NO	YES
SPCC191.09c	SPCC965.07c	0.9999097	Known	YES	YES	YES	NO
SPAC17G8.09	SPCC594.05c	0.9999094	Known	YES	NO	YES	YES
SPBC12D12.08c	SPAC17G6.12	0.9999094	Known	YES	NO	NO	NO
SPCC1020.04c	SPBC14F5.08	0.9999089	Known	NO	NO	NO	YES
SPBC3E7.14	SPAC644.12	0.9999081	Known	YES	NO	YES	YES
SPBC32H8.12c	SPAP8A3.08	0.9999079	Known	YES	NO	YES	YES
SPBC215.02	SPAC1D4.13	0.9999077	Known	NO	YES	NO	NO
SPAC16A10.05c	SPAC1687.20c	0.9999072	Known	YES	NO	YES	YES
SPBP16F5.02	SPBC409.05	0.999907	Known	NO	YES	YES	YES
SPBC336.08	SPBC409.04c	0.9999069	Known	YES	YES	YES	YES
SPAC22E12.07	SPBC8D2.04	0.9999068	Known	NO	NO	YES	YES
SPAC22E12.07	SPAC1834.04	0.9999068	Known	NO	NO	YES	YES
SPAC22E12.07	SPBC1105.11c	0.9999068	Novel	NO	NO	YES	NO
SPAC8E11.07c	SPBC26H8.07c	0.9999068	Known	NO	NO	NO	NO
SPCP31B10.03c	SPBC14F5.08	0.9999066	Known	YES	YES	YES	YES
SPBC4B4.05	SPAC644.12	0.9999066	Known	YES	NO	YES	YES
SPAC19G12.01c	SPAC23C11.12	0.9999063	Known	YES	YES	YES	YES
SPAC664.01c	SPAC30D11.13	0.9999062	Known	NO	YES	NO	YES
SPBC1105.17	SPBC21.01	0.9999062	Known	NO	YES	YES	YES
SPAC30.03c	SPCC736.09c	0.9999061	Known	NO	YES	YES	NO
SPACUNK4.06c	SPCC1442.10c	0.999906	Known	NO	YES	YES	YES
SPBC31F10.09c	SPBC14F5.08	0.9999058	Known	YES	YES	YES	NO
SPCC1450.05c	SPBC14F5.08	0.9999058	Known	YES	YES	YES	NO
SPBC409.05	SPBC776.18c	0.9999058	Known	NO	YES	NO	YES
SPAC22E12.08	SPAC29A4.10	0.9999057	Known	YES	YES	YES	NO
SPBC32F12.08c	SPBC27.02c	0.9999055	Known	YES	NO	YES	YES
SPBC215.03c	SPAC29B12.03	0.9999055	Known	NO	NO	NO	YES
SPAC29A4.07	SPBC14F5.08	0.9999042	Known	YES	YES	YES	NO
SPBC27.02c	SPAC8C9.17c	0.9999042	Known	YES	NO	YES	YES
SPAC1142.05	SPCC1393.10	0.9999038	Known	YES	YES	YES	NO
SPCC1672.10	SPBC1105.17	0.9999036	Known	NO	YES	YES	YES
SPAC22E12.07	SPCC622.08c	0.9999036	Known	NO	NO	NO	YES
SPAC17G8.09	SPAC23H3.05c	0.9999032	Known	YES	NO	YES	YES
SPBC36.05c	SPCC622.09	0.9999032	Known	NO	NO	NO	NO
SPAC19G12.06c	SPAC22E12.07	0.9999027	Known	NO	NO	NO	YES

SPBC1685.01	SPCC830.06	0.9999004	Known	YES	NO	NO	YES
SPAC17H9.03c	SPBC11B10.06	0.9999002	Known	NO	YES	YES	YES
SPAC11H11.06	SPAC4A8.15c	0.9999002	Known	YES	NO	NO	YES
SPAC23C11.12	SPAC6F12.15c	0.9998994	Known	YES	YES	YES	YES
SPAC1687.13c	SPBC409.05	0.9998994	Known	NO	NO	NO	YES
SPBC4.05	SPBC119.02	0.9998992	Known	NO	YES	NO	YES
SPBC24C6.07	SPAC1565.06c	0.9998989	Known	YES	YES	YES	YES
SPBP35G2.09	SPAC19A8.13	0.9998986	Known	YES	YES	YES	NO
SPBC1105.17	SPBP22H7.09c	0.9998985	Known	YES	YES	YES	YES
SPBC530.14c	SPCC417.02	0.9998984	Known	NO	NO	NO	NO
SPBC354.03	SPAC17G8.09	0.9998984	Known	YES	NO	YES	YES
SPAC22E12.07	SPCC622.09	0.9998981	Known	NO	NO	NO	YES
SPBC336.08	SPCC188.04c	0.999898	Known	YES	YES	YES	YES
SPAC589.08c	SPBC27.02c	0.9998979	Known	YES	NO	YES	YES
SPCC622.08c	SPAC644.14c	0.9998977	Known	NO	NO	NO	YES
SPBC25D12.04	SPAC29B12.03	0.9998976	Known	YES	YES	NO	YES
SPCC4G3.05c	SPBC409.03	0.9998971	Known	NO	YES	YES	YES
SPAC19G12.06c	SPAC644.14c	0.9998968	Known	NO	NO	NO	YES
SPBC14C8.06	SPAC4A8.15c	0.9998965	Known	YES	NO	NO	YES
SPAC589.08c	SPAC25B8.14	0.9998964	Known	YES	NO	NO	YES
SPBC1773.07c	SPBC1289.03c	0.9998964	Known	NO	YES	YES	NO
SPAC4F8.10c	SPAC631.01c	0.9998964	Known	YES	YES	NO	YES
SPAC5D6.08c	SPAC821.08c	0.999896	Known	NO	YES	NO	NO
SPBC32H8.12c	SPAC4A8.15c	0.999896	Known	YES	NO	YES	YES
SPCC1672.02c	SPBC30D10.04	0.9998949	Known	NO	NO	NO	YES
SPAC1805.12c	SPBC2D10.12	0.9998949	Known	NO	NO	NO	NO
SPBC2D10.12	SPAC11G7.04	0.9998949	Known	NO	NO	YES	NO
SPAC222.15	SPAC13A11.03	0.9998937	Known	YES	YES	YES	YES
SPAC7D4.07c	SPBC17A3.07	0.999893	Known	YES	YES	NO	NO
SPAC3A12.07	SPBC14F5.08	0.9998923	Known	NO	NO	NO	YES
SPBC1289.07c	SPAC1687.01	0.9998915	Known	YES	YES	YES	NO
SPAC17G8.09	SPBC18H10.06c	0.9998914	Known	YES	NO	YES	YES
SPAC12B10.07	SPAC4F8.10c	0.9998911	Known	YES	YES	YES	YES
SPAC19B12.05c	SPAC1B3.12c	0.9998907	Known	NO	YES	NO	YES
SPCC594.05c	SPCC18.11c	0.9998903	Known	YES	NO	YES	YES
SPCC970.07c	SPBC12D12.08c	0.9998901	Known	NO	YES	NO	YES
SPAC19G12.01c	SPAC3G6.02	0.9998901	Known	NO	YES	NO	NO
SPBC1105.11c	SPAC664.01c	0.9998894	Known	NO	YES	YES	NO
SPAC664.01c	SPAC1834.04	0.9998894	Known	NO	NO	YES	YES
SPBC8D2.04	SPAC664.01c	0.9998894	Known	NO	NO	YES	YES
SPCP31B10.03c	SPBC776.18c	0.9998885	Known	NO	NO	NO	NO
SPAC18G6.03	SPAC4C5.02c	0.9998873	Known	YES	YES	YES	YES
SPBC1105.12	SPCC4B3.12	0.9998872	Known	NO	NO	NO	NO
SPBC8D2.03c	SPCC4B3.12	0.9998872	Known	NO	NO	NO	YES
SPAC1834.03c	SPCC4B3.12	0.9998872	Known	NO	NO	NO	YES
SPCC1393.10	SPBC23G7.16	0.9998852	Known	YES	YES	YES	NO
SPBP23A10.08	SPAC1834.03c	0.999885	Known	NO	NO	NO	NO

SPBP23A10.08	SPBC8D2.03c	0.999885	Known	NO	NO	NO	NO
SPBP23A10.08	SPBC1105.12	0.999885	Known	NO	NO	NO	NO
SPAC17G8.03c	SPBC3D6.09	0.9998837	Known	YES	YES	NO	NO
SPBC11B10.09	SPCC16A11.05c	0.999883	Known	NO	NO	NO	YES
SPCC1020.04c	SPCC1442.10c	0.999883	Known	NO	YES	YES	YES
SPBC428.13c	SPAC1565.06c	0.999883	Known	YES	YES	YES	YES
SPAC23H3.05c	SPCC18.11c	0.9998827	Known	YES	NO	YES	YES
SPAC5D6.05	SPBC21.04	0.9998825	Known	YES	YES	NO	YES
SPBC31E1.03	SPAC167.03c	0.9998824	Known	NO	NO	YES	NO
SPAC20H4.03c	SPCC1020.04c	0.9998813	Known	NO	YES	NO	NO
SPBC409.03	SPAC11E3.08c	0.9998795	Known	NO	YES	NO	YES
SPAC1F7.04	SPAC20H4.11c	0.9998792	Known	YES	YES	NO	NO
SPAC5D6.08c	SPBC1198.12	0.9998787	Known	NO	YES	YES	NO
SPCC622.09	SPBC776.02c	0.9998786	Known	NO	NO	NO	NO
SPBC354.03	SPCC18.11c	0.9998769	Known	YES	NO	YES	YES
SPBC13G1.11	SPAC4C5.02c	0.9998765	Known	NO	NO	YES	NO
SPBC337.14	SPCC1442.10c	0.999876	Known	NO	YES	YES	YES
SPAC13D6.02c	SPAC17H9.09c	0.999875	Known	NO	NO	YES	NO
SPBC725.13c	SPBP4H10.21c	0.9998749	Known	YES	NO	YES	YES
SPCC970.04c	SPAC27F1.02c	0.9998748	Known	YES	NO	NO	YES
SPBP23A10.08	SPAC1805.07c	0.9998712	Known	NO	NO	YES	NO
SPAC19A8.13	SPAC26A3.08	0.9998709	Known	YES	NO	YES	NO
SPBC19C2.03	SPAC19B12.05c	0.9998709	Known	NO	YES	NO	YES
SPAC22E12.07	SPAC1834.03c	0.9998703	Known	NO	NO	NO	NO
SPAC22E12.07	SPBC8D2.03c	0.9998703	Known	NO	NO	NO	NO
SPAC22E12.07	SPBC1105.12	0.9998703	Novel	NO	NO	NO	NO
SPAC22H12.02	SPAC30D11.13	0.9998694	Known	NO	YES	NO	NO
SPBC18H10.06c	SPCC18.11c	0.9998685	Known	YES	NO	YES	YES
SPAP8A3.08	SPAC631.01c	0.9998683	Known	YES	NO	NO	YES
SPBP23A10.09	SPBC725.13c	0.9998667	Known	YES	NO	YES	YES
SPBC1921.03c	SPAC3G6.02	0.9998667	Known	YES	YES	YES	YES
SPAC1805.08	SPAC17A5.11	0.9998666	Known	NO	NO	YES	NO
SPBC14F5.04c	SPAC1805.07c	0.999865	Known	NO	NO	NO	NO
SPBC14C8.12	SPCC1442.10c	0.9998643	Known	NO	YES	YES	YES
SPAC20G4.06c	SPAC631.01c	0.9998639	Known	YES	NO	NO	YES
SPACUNK4.06c	SPAC23C4.15	0.9998631	Known	YES	YES	YES	YES
SPBC11B10.09	SPAC29B12.03	0.999863	Known	NO	YES	YES	NO
SPAC17G8.05	SPBC21.04	0.9998627	Known	YES	YES	YES	YES
SPAC3A12.07	SPCC1442.10c	0.9998617	Known	YES	YES	YES	YES
SPAPB17E12.02	SPAC2G11.08c	0.9998608	Novel	NO	NO	YES	NO
SPAC2G11.08c	SPAC19B12.12c	0.9998608	Known	NO	NO	YES	NO
SPAC227.16c	SPBP4H10.21c	0.9998605	Known	YES	NO	YES	YES
SPAC12B10.07	SPAC20G4.06c	0.999857	Known	YES	NO	NO	YES
SPBC12D12.08c	SPAC17H9.19c	0.9998561	Known	NO	YES	YES	NO
SPBC9B6.05c	SPCC364.02c	0.9998519	Known	NO	NO	NO	NO
SPAC227.16c	SPBP23A10.09	0.9998513	Known	YES	NO	YES	YES
SPAC4A8.15c	SPAC631.01c	0.9998513	Known	YES	NO	NO	YES

SPAC110.03	SPAC26A3.07c	0.9998508	Known	NO	NO	NO	NO
SPAC110.03	SPBC17G9.10	0.9998508	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC1734.14c	0.9998469	Known	YES	NO	YES	NO
SPAPYUG7.04c	SPCC1442.10c	0.9998469	Known	NO	YES	YES	YES
SPBC1105.17	SPBC18E5.03c	0.9998465	Known	YES	YES	YES	YES
SPAC16A10.05c	SPBP22H7.09c	0.9998446	Known	YES	NO	YES	YES
SPBC409.04c	SPCC622.09	0.9998442	Known	NO	NO	NO	YES
SPBC428.13c	SPAC3A12.14	0.9998401	Known	YES	YES	NO	NO
SPBC119.01	SPAC3G6.02	0.9998391	Known	YES	NO	YES	NO
SPCC970.04c	SPAC4A8.15c	0.9998354	Known	NO	NO	NO	NO
SPAC1F8.06	SPAC16A10.05c	0.9998344	Known	YES	NO	NO	YES
SPAC227.16c	SPBC725.13c	0.9998341	Known	YES	NO	YES	YES
SPAC27D7.07c	SPAC19A8.13	0.9998313	Known	YES	YES	YES	NO
SPCC1020.04c	SPAC23C4.15	0.9998297	Known	YES	YES	YES	YES
SPBC25B2.06c	SPAC23H4.18c	0.9998285	Known	NO	YES	NO	YES
SPAC19A8.13	SPAC2C4.03c	0.9998278	Known	YES	NO	YES	NO
SPBC1D7.04	SPBC119.02	0.9998264	Known	NO	NO	NO	YES
SPAC644.14c	SPBC409.03	0.9998248	Known	NO	YES	YES	YES
SPAC110.03	SPAC6F6.07c	0.9998248	Known	NO	NO	NO	NO
SPAC5D6.05	SPCP31B10.03c	0.9998227	Known	YES	YES	YES	YES
SPBC4.07c	SPAC3G6.02	0.9998207	Known	NO	YES	YES	YES
SPAC110.03	SPBC119.02	0.9998194	Known	NO	NO	NO	NO
SPAC20H4.07	SPBC409.03	0.9998191	Known	NO	NO	YES	YES
SPAPB8E5.02c	SPAC3G6.02	0.9998186	Novel	NO	YES	YES	YES
SPAC1420.03	SPAC3G6.02	0.9998186	Known	NO	YES	YES	YES
SPAC1783.03	SPAC16A10.05c	0.9998175	Known	YES	NO	YES	YES
SPAC3C7.03c	SPBC409.03	0.9998169	Known	NO	NO	YES	YES
SPAC110.03	SPCC962.04	0.9998165	Known	NO	NO	NO	NO
SPAC3A11.12c	SPAC3G6.02	0.9998164	Known	NO	NO	NO	NO
SPBC27.02c	SPAC1805.07c	0.9998148	Known	YES	NO	YES	YES
SPBC27.02c	SPCC417.02	0.9998148	Known	YES	NO	YES	NO
SPAC17G6.14c	SPAC3G6.02	0.9998146	Known	NO	YES	NO	YES
SPAC9.02c	SPBC409.05	0.9998071	Known	NO	NO	NO	NO
SPAC8E11.03c	SPBC409.03	0.9998064	Known	NO	NO	YES	YES
SPBC582.07c	SPAC3G6.02	0.9998028	Known	NO	YES	YES	NO
SPAC926.03	SPAP8A3.08	0.9998013	Known	YES	YES	YES	YES
SPBC32F12.08c	SPAC589.08c	0.9997999	Known	YES	NO	YES	YES
SPAC589.08c	SPAC8C9.17c	0.9997972	Known	YES	NO	YES	YES
SPBC1718.03	SPBC3B9.07c	0.9997971	Known	YES	YES	YES	YES
SPCC622.09	SPAC3C7.14c	0.9997957	Known	NO	NO	NO	NO
SPBC27.02c	SPAC14C4.16	0.9997927	Known	YES	NO	YES	YES
SPCC576.10c	SPAC3G6.02	0.9997921	Known	YES	NO	NO	NO
SPAC16A10.05c	SPBC27.02c	0.9997896	Known	YES	NO	YES	YES
SPBC19C2.03	SPAC458.07	0.9997881	Known	NO	YES	NO	NO
SPBC19C2.14	SPAC19A8.13	0.9997881	Known	YES	YES	YES	NO
SPACUNK4.06c	SPCC1020.04c	0.9997875	Known	YES	YES	YES	YES
SPAC16A10.05c	SPAC25B8.14	0.9997866	Known	YES	NO	YES	YES

SPBC685.06	SPBC18E5.06	0.9997845	Known	YES	YES	YES	NO
SPBC14F5.08	SPAC1B3.12c	0.9997845	Known	NO	NO	NO	YES
SPBC28F2.07	SPBC409.03	0.9997836	Known	YES	YES	YES	YES
SPAPJ698.02c	SPBC18E5.06	0.9997805	Known	YES	YES	YES	NO
SPCC576.03c	SPBC106.02c	0.9997798	Known	YES	YES	YES	NO
SPAC110.03	SPBC21B10.04c	0.9997755	Known	YES	NO	YES	YES
SPBC215.04	SPAC23H3.13c	0.9997747	Known	YES	YES	YES	YES
SPACUNK4.06c	SPBC337.14	0.9997746	Known	YES	YES	YES	YES
SPBC16A3.05c	SPAC3G6.02	0.999769	Known	YES	YES	YES	YES
SPAC16A10.05c	SPAC4F10.12	0.9997678	Known	YES	NO	NO	YES
SPAC22E12.08	SPCC285.17	0.9997677	Known	YES	YES	YES	NO
SPAC16A10.05c	SPBC18E5.03c	0.9997651	Known	YES	NO	YES	YES
SPBC11B10.09	SPAC23C11.12	0.9997641	Known	NO	YES	NO	NO
SPBC1734.14c	SPBC20F10.01	0.9997568	Known	NO	NO	NO	NO
SPBC14C8.12	SPACUNK4.06c	0.9997534	Known	YES	YES	YES	YES
SPACUNK4.06c	SPAC3A12.07	0.9997486	Known	NO	YES	YES	YES
SPCC1682.10	SPAC3G6.02	0.9997478	Known	YES	NO	YES	NO
SPAC19A8.13	SPBC11G11.06c	0.9997457	Known	YES	NO	YES	NO
SPAC11E3.04c	SPCC338.05c	0.9997416	Known	NO	YES	YES	NO
SPBC215.04	SPBC32H8.07	0.9997361	Known	YES	YES	YES	YES
SPAC31G5.13	SPAC3G6.02	0.9997338	Known	YES	NO	YES	YES
SPBC409.06	SPAC3G6.02	0.9997263	Known	YES	NO	NO	YES
SPAC110.03	SPAC7D4.07c	0.9997248	Known	NO	NO	NO	NO
SPCC1442.10c	SPAC1B3.12c	0.9997233	Known	NO	YES	YES	YES
SPAC20G4.06c	SPAP8A3.08	0.9997222	Known	YES	NO	NO	YES
SPAPYUG7.04c	SPACUNK4.06c	0.9997219	Known	YES	YES	YES	YES
SPBC3E7.14	SPAC19A8.13	0.9997199	Known	YES	NO	YES	NO
SPAC16A10.05c	SPCC1393.04	0.9997168	Known	YES	NO	NO	YES
SPBC4B4.05	SPAC19A8.13	0.999715	Known	YES	NO	YES	NO
SPAC110.03	SPCC970.05	0.999711	Novel	NO	NO	NO	NO
SPAC110.03	SPBC405.07	0.999711	Known	NO	NO	NO	NO
SPBC1105.17	SPCC970.12	0.9997088	Known	NO	YES	YES	YES
SPBC83.04	SPBC28E12.01c	0.9997053	Known	YES	NO	YES	YES
SPBP8B7.12c	SPAC16A10.05c	0.9996985	Known	YES	NO	NO	YES
SPBC16G5.01	SPAC3G6.02	0.9996935	Known	NO	NO	NO	YES
SPBC14C8.12	SPCC1020.04c	0.9996932	Known	YES	YES	YES	YES
SPAC3A12.07	SPCC1020.04c	0.9996873	Known	NO	YES	YES	YES
SPAC20G4.06c	SPAC4A8.15c	0.9996861	Known	YES	NO	NO	YES
SPBC1198.13c	SPBC19C2.03	0.9996843	Known	NO	YES	NO	YES
SPAC19G12.06c	SPCC622.08c	0.9996839	Known	YES	YES	YES	YES
SPBC409.05	SPAC23H4.18c	0.9996799	Known	NO	YES	YES	YES
SPBC409.05	SPAC16E8.18	0.9996799	Known	NO	NO	NO	NO
SPBC19C2.03	SPCC1442.10c	0.999673	Known	NO	YES	YES	YES
SPCC1672.08c	SPBC19C2.03	0.9996582	Known	YES	YES	NO	YES
SPAC637.10c	SPAC3G6.02	0.9996566	Known	NO	NO	NO	YES
SPAPB2B4.02	SPAC15E1.09	0.9996539	Known	YES	YES	YES	NO
SPAC1002.06c	SPAC6G9.13c	0.9996424	Known	YES	YES	YES	NO

SPAC6C3.08	SPAC3G6.02	0.9996422	Known	NO	NO	YES	NO
SPAC110.03	SPBC1685.10	0.9996387	Known	NO	NO	NO	NO
SPCC622.09	SPBC1105.17	0.9996299	Known	NO	NO	YES	YES
SPBC32C12.02	SPBC1711.01c	0.9996127	Novel	NO	NO	YES	NO
SPBC32C12.02	SPMTR.03	0.9996127	Novel	NO	NO	NO	NO
SPBC32C12.02	SPBC23G7.17c	0.9996127	Known	NO	NO	YES	NO
SPAC11H11.05c	SPBC18E5.03c	0.9996124	Known	YES	NO	YES	NO
SPAC27D7.05c	SPBC83.04	0.9996115	Known	YES	NO	YES	YES
SPAC27D7.05c	SPBC28E12.01c	0.9996082	Known	YES	YES	YES	YES
SPAC589.08c	SPAC1805.07c	0.9996078	Known	YES	NO	YES	YES
SPAC17G8.09	SPCC18.11c	0.9995923	Known	YES	NO	YES	YES
SPBC32F12.08c	SPAC16A10.05c	0.9995877	Known	YES	NO	YES	YES
SPAC16A10.05c	SPAC8C9.17c	0.999582	Known	YES	NO	YES	YES
SPBC1D7.04	SPAC3G6.02	0.9995727	Known	NO	YES	YES	YES
SPAC589.08c	SPAC14C4.16	0.999561	Known	YES	NO	YES	YES
SPAC589.08c	SPAC16A10.05c	0.9995544	Known	YES	NO	YES	YES
SPAC343.03	SPBC28E12.01c	0.9995402	Known	YES	YES	YES	YES
SPAC1834.03c	SPBC1105.17	0.9995285	Novel	NO	NO	NO	YES
SPBC1105.17	SPBC1105.12	0.9995285	Known	NO	YES	NO	YES
SPBC8D2.03c	SPBC1105.17	0.9995285	Novel	NO	NO	YES	NO
SPAC110.03	SPAP8A3.04c	0.9995281	Known	NO	NO	NO	NO
SPACUNK4.06c	SPAC1B3.12c	0.9994972	Known	YES	YES	YES	YES
SPAC23C11.12	SPBC28E12.01c	0.9994347	Known	YES	YES	YES	YES
SPBC19C2.03	SPACUNK4.06c	0.9994058	Known	YES	YES	YES	YES
SPAC16A10.05c	SPBC1105.17	0.9993999	Known	YES	NO	YES	YES
SPCC1020.04c	SPAC1B3.12c	0.9993746	Known	YES	YES	YES	YES
SPAP8A3.04c	SPAP8A3.08	0.9993309	Known	NO	NO	YES	NO
SPBC19C2.03	SPCC1020.04c	0.9992609	Known	YES	YES	YES	YES
SPAC16A10.05c	SPAC1805.07c	0.9991919	Known	YES	NO	YES	YES
SPAC16A10.05c	SPAC14C4.16	0.9990954	Known	YES	NO	YES	YES
SPBC31E1.03	SPAC1B3.12c	0.9985755	Known	NO	YES	NO	NO
SPBC4F6.12	SPAC20H4.11c	0.9889239	Novel	YES	NO	NO	YES
SPAC20H4.11c	SPCC645.07	0.9889167	Novel	YES	NO	YES	YES
SPCC645.06c	SPAC20H4.11c	0.9889151	Novel	YES	NO	NO	YES
SPAC20H4.11c	SPAC1006.06	0.9889115	Novel	NO	NO	YES	YES
SPBC3F6.05	SPAC20H4.11c	0.9889112	Novel	YES	NO	YES	YES
SPBC21.06c	SPAC20H4.11c	0.9889079	Novel	NO	NO	NO	YES
SPAC20H4.11c	SPCC1739.11c	0.9889072	Novel	YES	NO	NO	YES
SPBC12D12.04c	SPAC20H4.11c	0.9889059	Novel	YES	NO	NO	YES
SPAC17G8.14c	SPAC20H4.11c	0.9889047	Novel	YES	NO	NO	YES
SPAC1F7.03	SPAC20H4.11c	0.9888863	Novel	YES	NO	YES	YES
SPAC20H4.11c	SPBC1604.14c	0.9888811	Novel	YES	NO	YES	YES
SPAC24B11.11c	SPAC20H4.11c	0.9888751	Novel	NO	NO	NO	YES
SPAC2E1P5.04c	SPAC20H4.11c	0.9888187	Novel	NO	NO	NO	YES
SPCC550.05	SPAPJ698.02c	0.9886658	Novel	NO	YES	NO	NO
SPAC18G6.02c	SPBC800.05c	0.9815313	Novel	NO	NO	NO	NO
SPAC637.07	SPBC800.05c	0.9815142	Novel	NO	NO	NO	YES

SPBC800.05c	SPBC32H8.12c	0.9813627	Novel	NO	NO	YES	YES
SPAC823.15	SPBC16H5.07c	0.9714806	Novel	NO	YES	YES	YES
SPCC31H12.05c	SPBP4H10.04	0.9711572	Novel	NO	YES	NO	YES
SPBC16A3.15c	SPCC895.07	0.9680177	Novel	NO	NO	YES	YES
SPBC16A3.15c	SPCC1322.12c	0.9679727	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC3D6.04c	0.9679721	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC4.04c	0.9679267	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC2F7.03c	0.9679178	Novel	NO	NO	NO	YES
SPBC16A3.15c	SPAC23H3.08c	0.9679128	Novel	NO	NO	NO	NO
SPAC18G6.15	SPBC16A3.15c	0.9678978	Novel	NO	NO	YES	YES
SPBC16A3.15c	SPAC30C2.02	0.9678976	Novel	NO	NO	YES	NO
SPAC31G5.11	SPBC16A3.15c	0.967805	Novel	NO	NO	NO	NO
SPBC11B10.09	SPCC31H12.05c	0.9663081	Novel	NO	NO	NO	YES
SPBC12D12.08c	SPBC2D10.12	0.9660531	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPAC4A8.12c	0.9610814	Novel	NO	NO	NO	YES
SPAC17G6.16c	SPCC31H12.05c	0.9607891	Novel	NO	NO	NO	YES
SPCC31H12.05c	SPAC6F12.15c	0.9604872	Novel	NO	NO	NO	YES
SPCC31H12.05c	SPBC26H8.10	0.9604759	Novel	NO	NO	NO	YES
SPAC17C9.13c	SPCC31H12.05c	0.960464	Novel	NO	NO	NO	YES
SPAC824.04	SPCC31H12.05c	0.9604063	Novel	NO	NO	NO	YES
SPCC31H12.05c	SPBC25B2.05	0.9603532	Novel	YES	NO	NO	YES
SPCC31H12.05c	SPCC622.09	0.9602727	Novel	NO	NO	NO	YES
SPAC24B11.11c	SPAC16.01	0.9432762	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPAC17A2.13c	0.9397873	Novel	YES	YES	NO	YES
SPAC17A2.13c	SPAC644.06c	0.9355123	Novel	YES	NO	NO	YES
SPAC17A2.13c	SPCC1322.08	0.9325763	Novel	NO	YES	NO	YES
SPAC16.01	SPBC1604.14c	0.9319119	Novel	YES	YES	YES	NO
SPAC17A2.13c	SPBC19C2.05	0.9287639	Novel	NO	YES	NO	YES
SPBC543.07	SPAC1F7.04	0.9281198	Novel	NO	NO	NO	YES
SPBC21.06c	SPAC16.01	0.9279066	Novel	NO	YES	NO	NO
SPAC1F7.04	SPAC1F3.02c	0.9277413	Novel	YES	YES	NO	YES
SPAC16.01	SPAC2E1P5.04c	0.9273053	Novel	NO	YES	YES	NO
SPCC645.05c	SPAC3A12.14	0.9254877	Novel	NO	YES	NO	NO
SPBC3E7.08c	SPAC17A2.13c	0.9251594	Novel	NO	NO	NO	YES
SPAC17A2.13c	SPAPJ698.03c	0.9248096	Novel	NO	NO	NO	YES
SPCC970.07c	SPAC17A2.13c	0.9245998	Novel	NO	YES	YES	YES
SPAC17A5.02c	SPAC17A2.13c	0.9245979	Novel	NO	NO	NO	YES
SPAC27D7.03c	SPAC17A2.13c	0.9245208	Novel	NO	YES	NO	YES
SPAC17A2.13c	SPBC19C2.01	0.9244643	Novel	NO	NO	NO	YES
SPAC17A2.13c	SPCC11E10.08	0.9244355	Novel	NO	NO	YES	YES
SPAC17A2.13c	SPAC9E9.08	0.9242961	Novel	NO	NO	YES	YES
SPAC17A2.13c	SPAC1782.09c	0.924272	Novel	NO	YES	YES	YES
SPBC32C12.02	SPAC17A2.13c	0.9242673	Novel	NO	NO	NO	YES
SPAC823.15	SPBC776.02c	0.9233766	Novel	NO	YES	YES	NO
SPAC1F7.04	SPBC119.08	0.9224261	Novel	NO	YES	NO	YES
SPBC359.05	SPAC30.04c	0.9213383	Novel	YES	YES	NO	NO
SPAC1F7.04	SPAC17G6.04c	0.9190865	Novel	NO	NO	NO	NO

SPAC16.01	SPBC4F6.12	0.9186698	Novel	YES	YES	NO	NO
SPAC16.01	SPCC1739.11c	0.9180263	Novel	YES	YES	NO	NO
SPCC645.06c	SPAC16.01	0.9178925	Novel	YES	YES	NO	NO
SPCC962.03c	SPCC364.02c	0.9178397	Novel	NO	NO	YES	YES
SPAC16.01	SPAC1006.06	0.9175782	Novel	NO	YES	NO	NO
SPBC3F6.05	SPAC16.01	0.9175423	Novel	YES	NO	NO	NO
SPAC16.01	SPCC645.07	0.9173834	Novel	YES	YES	NO	NO
SPAC16.01	SPAC1F7.03	0.9170951	Novel	NO	YES	NO	NO
SPAC16.01	SPAC20H4.11c	0.917005	Novel	YES	YES	YES	NO
SPAC16.01	SPAC1F7.04	0.9160402	Novel	YES	YES	YES	YES
SPAC823.15	SPCC31H12.05c	0.9123706	Novel	NO	YES	NO	NO
SPBC776.02c	SPBC16H5.07c	0.9122948	Novel	YES	YES	YES	YES
SPCC1739.12	SPBC776.02c	0.9117928	Novel	NO	YES	YES	YES
SPCC16C4.11	SPCC18B5.03	0.908142	Novel	NO	YES	NO	NO
SPAC1F7.04	SPBC336.12c	0.9081047	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC24H6.05	0.9071727	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC1259.13	0.9064943	Novel	NO	YES	YES	NO
SPBC409.09c	SPBC8D2.01	0.9059704	Novel	NO	NO	NO	NO
SPCC1739.12	SPBC8D2.01	0.9059518	Novel	NO	NO	NO	NO
SPBC24C6.07	SPBC8D2.01	0.9059024	Novel	NO	NO	NO	NO
SPBC409.04c	SPBC8D2.01	0.9058587	Novel	YES	NO	NO	NO
SPBC8D2.01	SPAC688.02c	0.9057881	Novel	NO	NO	NO	NO
SPCC1739.12	SPBP4H10.04	0.9056009	Novel	NO	YES	YES	YES
SPAC24B11.11c	SPAC110.03	0.9017931	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPBC16H5.07c	0.9005326	Novel	NO	YES	NO	NO
SPAC22E12.06c	SPBC1289.13c	0.8987328	Novel	YES	YES	YES	NO
SPBC543.07	SPAC20H4.11c	0.8983522	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC1F5.09c	0.8948519	Novel	NO	YES	NO	YES
SPCC1739.12	SPCC31H12.05c	0.8938702	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPBC119.08	0.8927024	Novel	NO	NO	NO	NO
SPBC119.08	SPAC20H4.11c	0.8916277	Novel	YES	NO	NO	NO
SPAC20H4.11c	SPAC17G6.04c	0.8873263	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPAC20H4.11c	0.8868889	Novel	YES	NO	NO	NO
SPAC1F7.04	SPCC895.05	0.8863903	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC776.02c	0.8857119	Novel	NO	NO	NO	NO
SPCC1739.12	SPBP35G2.03c	0.885338	Novel	NO	NO	NO	YES
SPCC1739.12	SPCC188.02	0.8849789	Novel	NO	NO	NO	YES
SPBC119.08	SPBC776.02c	0.8830283	Novel	YES	NO	NO	YES
SPCC16C4.11	SPBC582.03	0.8826628	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC644.06c	0.8820253	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC23A1.06c	0.8803741	Novel	NO	YES	YES	NO
SPAC110.03	SPBC21.06c	0.8792002	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC1D4.06c	0.8776472	Novel	NO	YES	YES	NO
SPAC110.03	SPAC20H4.11c	0.8771437	Novel	YES	YES	YES	NO
SPCC16C4.11	SPAC24B11.06c	0.8758252	Novel	NO	YES	YES	NO
SPAC110.03	SPAC1F7.04	0.8757699	Novel	NO	YES	YES	YES
SPCC1739.12	SPAC6F12.12	0.8754141	Novel	NO	NO	NO	YES

SPCC16C4.11	SPBC29A10.15	0.8753728	Novel	NO	YES	NO	NO
SPBC336.04	SPCC16C4.11	0.8753236	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC821.04c	0.8752818	Novel	NO	YES	NO	NO
SPBC336.12c	SPAC20H4.11c	0.8739549	Novel	NO	NO	NO	NO
SPCC18B5.03	SPCC1739.12	0.872451	Novel	NO	YES	NO	YES
SPCC16C4.11	SPAC821.08c	0.8724487	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC649.05	0.8719194	Novel	NO	YES	NO	NO
SPAC3F10.02c	SPCC31H12.05c	0.8683401	Novel	NO	NO	NO	NO
SPAC110.03	SPBC1685.02c	0.8682619	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC9B6.10	0.8680589	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC19D5.01	0.8679116	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC26F1.10c	0.8666121	Novel	NO	NO	NO	NO
SPAC110.03	SPCC645.06c	0.8665228	Novel	YES	YES	NO	YES
SPAC110.03	SPBC3F6.05	0.8663927	Novel	YES	NO	NO	NO
SPAC110.03	SPAC1006.06	0.866372	Novel	NO	YES	NO	NO
SPAC110.03	SPCC645.07	0.8652102	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC19F8.07	0.8649005	Novel	NO	YES	YES	NO
SPBP4G3.02	SPAC3C7.11c	0.8643023	Novel	YES	NO	NO	NO
SPAC110.03	SPAC2E1P5.04c	0.864093	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC4C3.12	0.8635734	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBP16F5.02	0.862932	Novel	NO	YES	NO	NO
SPAC110.03	SPCC1739.11c	0.8627534	Novel	YES	YES	NO	NO
SPAC823.15	SPBC26H8.10	0.8622756	Novel	NO	NO	YES	YES
SPAC110.03	SPAC1F7.03	0.8622002	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC31H12.05c	0.8606255	Novel	NO	NO	NO	NO
SPAC24H6.05	SPCC1739.12	0.8602429	Novel	NO	YES	YES	YES
SPCC1919.10c	SPAC29A4.05	0.8600211	Novel	YES	NO	NO	NO
SPCC1739.12	SPCC4B3.16	0.8599298	Novel	NO	NO	NO	YES
SPCC16C4.11	SPBC1604.14c	0.8587535	Novel	NO	YES	YES	NO
SPBC26H8.10	SPBC16H5.07c	0.8583392	Novel	NO	NO	NO	YES
SPBC6B1.07	SPAC2F3.17c	0.8578676	Novel	YES	NO	YES	NO
SPCC16C4.11	SPAPB2B4.03	0.8577403	Novel	NO	YES	YES	YES
SPAC2F3.17c	SPAC644.12	0.8571429	Novel	NO	NO	YES	NO
SPCC16C4.11	SPAC1782.09c	0.8569563	Novel	NO	YES	NO	NO
SPAC2F3.17c	SPAC19A8.13	0.8568477	Novel	NO	NO	YES	NO
SPBC409.07c	SPCC1223.11	0.8529312	Novel	NO	NO	YES	YES
SPCC1223.11	SPAC26F1.10c	0.8517767	Novel	NO	NO	YES	YES
SPBC32H8.12c	SPBC146.13c	0.8511682	Novel	YES	YES	YES	NO
SPAC823.15	SPAC1687.15	0.8461863	Novel	NO	NO	YES	YES
SPAC20H4.11c	SPAC1F5.09c	0.8455268	Novel	NO	NO	NO	NO
SPAC3F10.02c	SPBC776.02c	0.8442546	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC144.13c	0.8441708	Novel	NO	NO	NO	NO
SPAC821.06	SPBC16A3.01	0.8435849	Novel	YES	YES	YES	YES
SPCC16C4.11	SPCC1739.11c	0.8416053	Novel	NO	YES	NO	NO
SPAC22H10.04	SPAC823.15	0.8398108	Novel	NO	YES	YES	NO
SPAC823.15	SPAC17G8.14c	0.8396071	Novel	NO	NO	YES	YES
SPAC16.01	SPAC1F5.09c	0.838645	Novel	NO	YES	NO	YES

SPCC16C4.11	SPBC19G7.05c	0.837616	Novel	NO	NO	NO	NO
SPCC16C4.09	SPAC823.15	0.8369759	Novel	NO	NO	NO	YES
SPBC409.04c	SPAC823.15	0.8364655	Novel	NO	NO	NO	YES
SPAC22H10.04	SPBC16H5.07c	0.8359461	Novel	YES	YES	YES	NO
SPCC16C4.11	SPAC57A10.02	0.834897	Novel	NO	YES	YES	NO
SPAC22H10.04	SPCC1739.12	0.8338797	Novel	NO	YES	YES	NO
SPAC20H4.11c	SPCC895.05	0.8308251	Novel	NO	NO	NO	NO
SPBC16H5.07c	SPAC1687.15	0.8304725	Novel	NO	NO	YES	YES
SPAC24B11.06c	SPAC1D4.13	0.8291985	Novel	NO	YES	YES	NO
SPAC22H10.04	SPBP4H10.04	0.8286802	Novel	NO	YES	YES	NO
SPAP8A3.04c	SPAC1F7.04	0.8282592	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC19E9.02	0.827944	Novel	NO	YES	YES	NO
SPBC1709.05	SPBC646.09c	0.8268264	Novel	NO	NO	YES	NO
SPCC16C4.11	SPAC11E3.09	0.8264307	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC16E8.09	0.8248099	Novel	YES	YES	YES	NO
SPAC24H6.09	SPAC1F7.04	0.8236774	Novel	NO	YES	YES	YES
SPCC16C4.11	SPBC32F12.06	0.8232187	Novel	NO	YES	NO	NO
SPAC13G7.02c	SPAC3C7.11c	0.8224296	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC14C8.07c	0.8223541	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC22F3.09c	0.8221149	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC16H5.11c	0.819572	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC1322.12c	0.8194868	Novel	NO	YES	YES	NO
SPAC22H10.04	SPBC26H8.10	0.8194262	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC336.12c	0.8192802	Novel	NO	YES	YES	NO
SPAC17G8.14c	SPBC16H5.07c	0.8187441	Novel	NO	NO	YES	YES
SPBC21B10.04c	SPAC1F7.04	0.8174439	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC4D7.05	0.8173386	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC1718.01	0.8165605	Novel	NO	YES	NO	NO
SPBC3F6.03	SPAC1F7.04	0.8163898	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC1F7.04	0.8163292	Novel	NO	YES	NO	NO
SPAC637.07	SPAC1F7.04	0.8163217	Novel	NO	YES	NO	NO
SPBC23G7.12c	SPAC1F7.04	0.8162711	Novel	NO	NO	NO	NO
SPBC19C2.05	SPBC30D10.10c	0.815706	Novel	YES	YES	NO	YES
SPAC1F7.04	SPBC2F12.13	0.8156876	Novel	NO	YES	NO	YES
SPAC22H10.07	SPAC1F7.04	0.8156451	Novel	YES	YES	YES	YES
SPAC1F7.04	SPAC7D4.07c	0.8154437	Novel	NO	NO	NO	NO
SPCC16C4.09	SPBC16H5.07c	0.8150239	Novel	YES	NO	NO	YES
SPAC1F7.04	SPCC962.04	0.8149449	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC4F8.07c	0.8143706	Novel	NO	NO	NO	NO
SPBC409.04c	SPBC16H5.07c	0.8138339	Novel	YES	NO	NO	YES
SPAC1F7.04	SPBC17G9.10	0.8137141	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC26A3.07c	0.8137141	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC6F6.07c	0.8136281	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC119.02	0.81361	Novel	NO	NO	NO	NO
SPAC1F7.04	SPCC970.05	0.8132514	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC405.07	0.8132514	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC821.08c	0.8130412	Novel	NO	YES	NO	YES

SPBC1685.10	SPAC1F7.04	0.8130123	Novel	NO	NO	NO	NO
SPAC6G9.06c	SPAC29A4.05	0.8126577	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC685.09	0.8125198	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC23C11.12	0.8121762	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC16A11.05c	0.8119201	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC146.03c	0.811876	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC926.04c	0.8112827	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC1795.11	0.8107162	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC6B12.11	0.810596	Novel	NO	YES	NO	NO
SPBC216.07c	SPCC24B10.07	0.8103287	Novel	NO	YES	YES	YES
SPCC16C4.11	SPAC15A10.03c	0.8100474	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC29A4.02c	0.8098847	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC887.10	0.8094629	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC646.13	0.8091475	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC9E9.13	0.8090065	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC1734.14c	0.808827	Novel	NO	NO	YES	NO
SPAC16.01	SPCC895.05	0.8087486	Novel	NO	YES	YES	NO
SPAC144.13c	SPBC30D10.10c	0.808607	Novel	NO	NO	YES	YES
SPCC16C4.11	SPBC342.05	0.8085428	Novel	NO	YES	YES	NO
SPAC57A7.11	SPBC30D10.10c	0.8083382	Novel	YES	NO	YES	YES
SPCC16C4.11	SPBC32F12.09	0.80833	Novel	NO	NO	YES	NO
SPAPB2B4.03	SPBC19F8.07	0.8082941	Novel	NO	NO	NO	YES
SPCC16C4.11	SPBC11B10.09	0.8082293	Novel	NO	YES	YES	YES
SPCC16C4.11	SPAC29B12.03	0.8072933	Novel	NO	YES	NO	NO
SPBC428.13c	SPAC29A4.05	0.8057338	Novel	YES	YES	NO	NO
SPAC22H10.04	SPBC776.02c	0.8053301	Novel	YES	YES	YES	NO
SPBC216.07c	SPBC12C2.02c	0.8045438	Novel	YES	NO	YES	YES
SPCC1739.13	SPAC3C7.11c	0.8042579	Novel	NO	YES	YES	NO
SPBC216.07c	SPCC777.08c	0.8039981	Novel	NO	NO	YES	YES
SPBC14C8.06	SPBC32H8.12c	0.8034885	Novel	YES	NO	NO	YES
SPBC216.07c	SPAC22F3.13	0.8029698	Novel	YES	YES	YES	YES
SPBC216.07c	SPAC630.13c	0.802458	Novel	YES	YES	YES	YES
SPBC32F12.09	SPBC30D10.10c	0.8019137	Novel	NO	NO	NO	YES
SPBC3H7.15	SPAC4C5.04	0.8017823	Novel	NO	NO	NO	YES
SPBC216.07c	SPAPYUG7.02c	0.8015804	Novel	NO	YES	YES	YES
SPAC110.03	SPAC16.01	0.8008495	Novel	YES	YES	YES	YES
SPBP18G5.03	SPBC30D10.10c	0.8006705	Novel	NO	NO	YES	YES
SPBC216.07c	SPBC839.17c	0.8005928	Novel	NO	NO	NO	YES
SPAC4A8.05c	SPAC11H11.06	0.7989205	Novel	NO	YES	NO	NO
SPAC2F7.03c	SPBC1347.12	0.7984655	Novel	NO	NO	NO	NO
SPAC110.03	SPBC543.07	0.7984104	Novel	NO	NO	NO	YES
SPBC428.13c	SPAC821.12	0.7976033	Novel	NO	YES	NO	NO
SPBC1347.12	SPAC4A8.15c	0.7961677	Novel	NO	NO	NO	NO
SPAC22H10.12c	SPBC1703.10	0.7932975	Novel	NO	NO	YES	NO
SPBC26H8.05c	SPAC1687.15	0.7923137	Novel	NO	NO	YES	NO
SPAC22H10.04	SPCC31H12.05c	0.7916323	Novel	NO	YES	NO	NO
SPAP8A3.08	SPBC1347.12	0.7913707	Novel	NO	NO	NO	NO

SPAC27F1.02c	SPBC1347.12	0.7897105	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC1347.12	0.7888634	Novel	NO	NO	NO	NO
SPAC823.15	SPBC26H8.05c	0.7876638	Novel	NO	YES	YES	NO
SPBC26H8.05c	SPAC17G8.14c	0.7876387	Novel	NO	NO	YES	NO
SPBC26H8.05c	SPBC16H5.07c	0.7874246	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC16E9.11c	0.7873494	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPBC1347.12	0.7864988	Novel	NO	NO	NO	NO
SPCC970.07c	SPBC337.08c	0.7860169	Novel	NO	NO	NO	NO
SPCC297.03	SPBC1347.12	0.7859751	Novel	NO	NO	NO	NO
SPAC27E2.05	SPBC1347.12	0.7859293	Novel	NO	NO	NO	NO
SPAC17H9.19c	SPBC337.08c	0.7853579	Novel	NO	NO	NO	NO
SPAC17G6.12	SPBC337.08c	0.7851976	Novel	NO	NO	NO	NO
SPBC337.08c	SPCC11E10.08	0.785124	Novel	NO	NO	NO	NO
SPAC24H6.03	SPBC337.08c	0.7848722	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBC26H8.10	0.7847539	Novel	NO	NO	NO	NO
SPCC16C4.09	SPBC26H8.05c	0.784749	Novel	NO	NO	NO	NO
SPAC1F5.04c	SPBC1347.12	0.7841566	Novel	NO	NO	NO	NO
SPBC646.09c	SPAC22A12.15c	0.7841518	Novel	NO	YES	NO	NO
SPBC409.04c	SPBC26H8.05c	0.7840426	Novel	NO	NO	NO	NO
SPCC1739.12	SPBC26H8.05c	0.783695	Novel	NO	YES	YES	NO
SPBC336.12c	SPBC1347.12	0.7836453	Novel	NO	NO	NO	NO
SPAC15A10.08	SPBC1347.12	0.7835825	Novel	NO	NO	NO	NO
SPBC1347.12	SPBC1778.06c	0.7835714	Novel	NO	NO	NO	NO
SPBC582.03	SPBC1347.12	0.7833453	Novel	NO	NO	NO	NO
SPBC776.18c	SPBC1347.12	0.7833426	Novel	NO	NO	NO	NO
SPAC4F8.10c	SPBC1347.12	0.7826523	Novel	NO	NO	NO	NO
SPACUNK4.06c	SPBC1347.12	0.7825708	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC26H8.05c	0.7796317	Novel	NO	NO	NO	NO
SPAC22H10.04	SPAC1687.15	0.7787685	Novel	NO	NO	YES	NO
SPAC15A10.03c	SPAC8E11.03c	0.7780416	Novel	NO	YES	YES	YES
SPAC110.03	SPBC119.08	0.7779515	Novel	YES	YES	NO	YES
SPAC31G5.09c	SPBC543.07	0.7776204	Novel	NO	YES	YES	NO
SPBC25H2.13c	SPBC14F5.12c	0.7743166	Novel	NO	NO	NO	YES
SPBC29A10.15	SPBC14F5.12c	0.7741631	Novel	NO	NO	NO	YES
SPBC800.05c	SPBC1347.12	0.7741344	Novel	NO	NO	NO	NO
SPBC336.04	SPBC14F5.12c	0.774029	Novel	NO	NO	NO	YES
SPCC16A11.17	SPBC14F5.12c	0.7739457	Novel	NO	NO	NO	YES
SPBC800.03	SPBC14F5.12c	0.7738432	Novel	NO	NO	YES	YES
SPAC17D4.02	SPBC14F5.12c	0.7737961	Novel	NO	NO	NO	YES
SPBC12D12.04c	SPAC23C4.08	0.7735141	Novel	NO	YES	YES	NO
SPAC11H11.06	SPAC27E2.05	0.7734997	Novel	NO	NO	NO	NO
SPBC31F10.13c	SPBC14F5.12c	0.7732285	Novel	NO	NO	YES	YES
SPAC11H11.06	SPAC2F7.03c	0.7730473	Novel	NO	YES	NO	YES
SPBC14F5.12c	SPBC14C8.07c	0.7727743	Novel	NO	NO	NO	YES
SPAC823.15	SPBC11B10.09	0.7727239	Novel	NO	NO	YES	NO
SPAC11H11.06	SPAC1F5.04c	0.7724813	Novel	NO	YES	NO	YES
SPCC297.03	SPAC11H11.06	0.7723245	Novel	NO	YES	NO	YES

SPCC364.02c	SPBC14F5.12c	0.7719054	Novel	NO	NO	NO	YES
SPBC36.05c	SPBC14F5.12c	0.7716701	Novel	NO	NO	YES	YES
SPBC409.04c	SPBC14F5.12c	0.7716583	Novel	YES	NO	YES	YES
SPAC27E2.05	SPBC14F5.12c	0.7715849	Novel	NO	NO	NO	YES
SPBC3E7.08c	SPBC1198.12	0.7715676	Novel	NO	NO	NO	NO
SPAC17G8.14c	SPAC23C4.08	0.7704762	Novel	NO	YES	YES	NO
SPBC582.03	SPAC11H11.06	0.7694108	Novel	NO	NO	NO	NO
SPAC110.03	SPAC17G6.04c	0.7688339	Novel	NO	NO	NO	NO
SPAC11H11.06	SPBC16A3.15c	0.7687999	Novel	NO	NO	NO	NO
SPAC11H11.06	SPBC336.12c	0.7685472	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBP4H10.04	0.7685194	Novel	NO	YES	YES	NO
SPBC1198.12	SPAC821.08c	0.7682324	Novel	NO	YES	NO	YES
SPAC15A10.08	SPAC11H11.06	0.7681762	Novel	NO	YES	NO	YES
SPAC11H11.06	SPBC1778.06c	0.7680899	Novel	YES	YES	NO	NO
SPBC119.02	SPCC338.05c	0.7680339	Novel	NO	YES	YES	NO
SPAC11H11.06	SPBC776.18c	0.7679958	Novel	NO	NO	NO	NO
SPBC1198.12	SPBC11B10.09	0.7676545	Novel	NO	YES	NO	NO
SPAC11H11.06	SPAP8A3.08	0.7674871	Novel	NO	NO	NO	NO
SPAC11H11.06	SPAC4F8.10c	0.7674811	Novel	YES	NO	NO	NO
SPAC11H11.06	SPAC27F1.02c	0.7674348	Novel	NO	YES	NO	NO
SPAC11H11.06	SPACUNK4.06c	0.7673837	Novel	NO	NO	NO	NO
SPCC16C4.09	SPAC22H10.04	0.7664823	Novel	YES	NO	NO	NO
SPBC32F12.09	SPBC1198.12	0.7659334	Novel	NO	NO	NO	NO
SPAC22H10.04	SPAC17G8.14c	0.7656125	Novel	NO	NO	YES	NO
SPAC24H6.05	SPBC119.02	0.7654084	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC409.04c	0.7647859	Novel	YES	NO	NO	NO
SPCC1259.13	SPBC1198.12	0.7642292	Novel	NO	YES	NO	NO
SPBC216.07c	SPBC1198.12	0.7641033	Novel	NO	YES	NO	NO
SPBC1198.12	SPAC6F12.15c	0.764044	Novel	NO	YES	NO	YES
SPBC1198.12	SPBC216.05	0.7640158	Novel	YES	YES	NO	NO
SPCC18B5.03	SPBC1198.12	0.7639715	Novel	NO	YES	NO	NO
SPBC660.14	SPBC1198.12	0.7639383	Novel	NO	NO	NO	NO
SPBC582.03	SPBC1198.12	0.763875	Novel	NO	YES	NO	NO
SPBC1198.12	SPAC22F3.09c	0.763822	Novel	NO	YES	NO	NO
SPBC1198.12	SPAC1952.07	0.7638125	Novel	NO	YES	NO	NO
SPAC823.15	SPBC8D2.01	0.7637455	Novel	NO	NO	YES	NO
SPBC1198.12	SPAPB2B4.03	0.7635547	Novel	NO	YES	NO	NO
SPCC188.02	SPBC26H8.05c	0.7630214	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC188.02	0.7611649	Novel	NO	NO	NO	NO
SPAC1805.15c	SPBC16E9.11c	0.7610581	Novel	NO	YES	YES	NO
SPAC24H6.03	SPAC11E3.04c	0.7595988	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC11E3.04c	0.7594008	Novel	NO	NO	NO	NO
SPBC4.05	SPAC11E3.04c	0.7593899	Novel	NO	YES	NO	NO
SPBC582.03	SPBC119.02	0.7592805	Novel	NO	NO	NO	NO
SPBC1709.05	SPAC3C7.11c	0.7591721	Novel	NO	YES	NO	NO
SPBC1D7.04	SPAC11E3.04c	0.7590439	Novel	NO	YES	NO	NO
SPAC977.10	SPBC16E9.11c	0.7589312	Novel	NO	NO	NO	NO

SPCC970.10c	SPBC119.02	0.7589117	Novel	NO	YES	NO	NO
SPAC110.03	SPAC11E3.04c	0.7588834	Novel	NO	YES	NO	NO
SPCC1739.12	SPBC12D12.04c	0.758843	Novel	NO	YES	YES	YES
SPBC26H8.05c	SPAC6F12.12	0.7583637	Novel	NO	NO	NO	NO
SPBC119.02	SPCC1919.15	0.7579982	Novel	NO	YES	NO	NO
SPAC16.01	SPAC16E8.09	0.7579294	Novel	YES	YES	NO	NO
SPBC119.02	SPBC1734.06	0.7573667	Novel	NO	YES	YES	NO
SPCC794.03	SPAC17A2.01	0.7569693	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC16H5.07c	0.7558824	Novel	NO	NO	NO	YES
SPAC11H11.06	SPBC800.05c	0.7542782	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBP35G2.03c	0.7541641	Novel	NO	NO	NO	NO
SPAP8A3.04c	SPAC20H4.11c	0.7539745	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBP35G2.03c	0.7538542	Novel	NO	NO	NO	NO
SPCC188.11	SPBC1709.04c	0.7537778	Novel	NO	NO	YES	NO
SPAC1D4.13	SPBC119.08	0.7537627	Novel	NO	YES	YES	NO
SPBC1D7.04	SPAC18B11.07c	0.7523569	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC26H8.05c	0.7515079	Novel	NO	YES	YES	NO
SPBC26H8.05c	SPCC4B3.16	0.7506033	Novel	NO	NO	NO	NO
SPBC1703.10	SPCC895.07	0.7501238	Novel	NO	NO	NO	NO
SPBC8D2.01	SPBC16H5.07c	0.7499499	Novel	YES	NO	YES	NO
SPAC20H4.11c	SPAC16E8.09	0.7499109	Novel	YES	NO	NO	NO
SPAC637.07	SPAC16.01	0.7491632	Novel	NO	YES	NO	NO
SPAC24H6.09	SPAC20H4.11c	0.7484231	Novel	YES	NO	NO	NO
SPAC16.01	SPBC2F12.13	0.7479665	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC543.07	0.7477185	Novel	YES	YES	YES	NO
SPAC110.03	SPBC336.12c	0.7447297	Novel	NO	YES	NO	NO
SPAC22H10.04	SPAC6F12.12	0.7439293	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC1709.18	0.7423917	Novel	NO	NO	NO	NO
SPBC11B10.09	SPCC1322.08	0.7416163	Novel	NO	YES	YES	YES
SPBC119.08	SPAC23C4.08	0.741055	Novel	NO	YES	YES	NO
SPAC23C4.12	SPAC8F11.07c	0.7401357	Novel	NO	NO	NO	YES
SPBC21B10.04c	SPAC20H4.11c	0.7391514	Novel	YES	NO	YES	NO
SPBC3F6.03	SPAC20H4.11c	0.7383987	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC20H4.11c	0.7382299	Novel	NO	NO	NO	NO
SPAC637.07	SPAC20H4.11c	0.7378009	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPAC20H4.11c	0.737382	Novel	NO	NO	NO	NO
SPBC2F12.13	SPAC20H4.11c	0.7369424	Novel	NO	NO	NO	NO
SPAC22H10.07	SPAC20H4.11c	0.7367302	Novel	YES	NO	YES	NO
SPAC20H4.11c	SPCC962.04	0.736429	Novel	NO	NO	NO	NO
SPBC4.05	SPAC18B11.07c	0.7363636	Novel	NO	YES	NO	NO
SPAC7D4.07c	SPAC20H4.11c	0.7361221	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC18B11.07c	0.7356255	Novel	NO	NO	NO	NO
SPAC110.03	SPAC18B11.07c	0.7355053	Novel	NO	NO	NO	NO
SPBC543.07	SPAC23C4.08	0.7354651	Novel	NO	NO	NO	NO
SPAC607.09c	SPAPB1A10.10c	0.7352673	Novel	NO	NO	YES	NO
SPAC24H6.03	SPAC18B11.07c	0.7352441	Novel	NO	NO	NO	NO
SPAC4F8.07c	SPAC20H4.11c	0.7352375	Novel	NO	NO	NO	NO

SPAC664.01c	SPBC1105.17	0.7345958	Novel	NO	YES	YES	NO
SPAC26A3.07c	SPAC20H4.11c	0.7340225	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPBC17G9.10	0.7340225	Novel	NO	NO	NO	NO
SPAC6F6.07c	SPAC20H4.11c	0.7338858	Novel	NO	NO	NO	NO
SPBC119.02	SPAC20H4.11c	0.733857	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBC776.02c	0.7337465	Novel	NO	YES	YES	NO
SPAC18G6.02c	SPBC1105.17	0.7333993	Novel	NO	YES	YES	NO
SPBC405.07	SPAC20H4.11c	0.7332873	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPCC970.05	0.7332873	Novel	NO	NO	NO	NO
SPAC22E12.07	SPBC1105.17	0.7332128	Novel	NO	NO	YES	YES
SPCC188.13c	SPBC1105.17	0.7329802	Novel	NO	NO	NO	NO
SPBC1685.10	SPAC20H4.11c	0.7329075	Novel	NO	NO	NO	NO
SPBC1105.17	SPCC306.04c	0.7328491	Novel	NO	NO	NO	NO
SPBC428.08c	SPBC1105.17	0.7327153	Novel	NO	YES	YES	YES
SPBC36.05c	SPBC1105.17	0.7324681	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPBC409.07c	0.7306075	Novel	NO	YES	YES	NO
SPAC16.01	SPBC23G7.12c	0.7305335	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPCC622.16c	0.7300842	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPBC29B5.01	0.7299795	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPBC1105.04c	0.7299768	Novel	NO	NO	YES	NO
SPAC24C9.07c	SPBC11B10.09	0.728612	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC16.01	0.7284368	Novel	NO	YES	NO	NO
SPAC3G9.07c	SPBC12C2.10c	0.7279914	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPAC29A4.18	0.7279506	Novel	YES	NO	YES	NO
SPAC3G9.07c	SPBC800.03	0.7279165	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC9G1.09	0.7278514	Novel	NO	YES	YES	NO
SPAC3G9.07c	SPCC622.09	0.727846	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPAC23C11.15	0.7278318	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPBC2D10.17	0.7278275	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPAC23H4.12	0.7276578	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPBP23A10.08	0.7275479	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPBC1105.11c	0.7269694	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPBC8D2.04	0.7269694	Novel	NO	NO	YES	NO
SPAC3G9.07c	SPAC1834.04	0.7269694	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPAC24C9.07c	0.7268109	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPCC1739.11c	0.7266438	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPBC21.06c	0.7255353	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC18B5.03	0.7250227	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC19F8.07	0.7246931	Novel	YES	YES	YES	YES
SPAC24C9.07c	SPAC6F6.08c	0.7235467	Novel	NO	NO	NO	NO
SPCC1739.12	SPBC11B10.09	0.7222166	Novel	NO	YES	YES	NO
SPAC24C9.07c	SPAC1565.06c	0.7215434	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPAC23C4.08	0.7205673	Novel	NO	YES	NO	NO
SPBC26H8.05c	SPCC31H12.05c	0.7198832	Novel	NO	YES	NO	NO
SPAC22H10.04	SPCC4B3.16	0.71951	Novel	YES	NO	NO	NO
SPAC24C9.07c	SPAC20G8.05c	0.7193269	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPBC24C6.07	0.7190081	Novel	NO	NO	NO	NO

SPAC9G1.09	SPBC11B10.09	0.7190027	Novel	NO	YES	YES	YES
SPBC8D2.01	SPBC26H8.05c	0.7189374	Novel	NO	NO	YES	NO
SPAC57A7.08	SPBC11B10.09	0.7189096	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC22H10.04	0.7186838	Novel	YES	NO	YES	NO
SPAP8A3.04c	SPAC16.01	0.7185703	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPAPB2B4.03	0.7182272	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC24C9.07c	0.7181613	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPCC5E4.04	0.7181577	Novel	NO	NO	NO	NO
SPBC582.03	SPAC24C9.07c	0.7179243	Novel	NO	NO	NO	NO
SPCC16C4.07	SPAC24C9.07c	0.7173875	Novel	NO	NO	NO	NO
SPBC1604.14c	SPAC23C4.08	0.7172161	Novel	NO	YES	YES	NO
SPAC24C9.07c	SPBC4F6.12	0.716315	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPCC1322.12c	0.7155413	Novel	NO	NO	NO	NO
SPAC24H6.09	SPAC16.01	0.7151234	Novel	YES	YES	YES	NO
SPAPB1A10.09	SPAC24C9.07c	0.7150352	Novel	NO	NO	NO	NO
SPAC19G12.14	SPAC24C9.07c	0.7149603	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPAC23C4.18c	0.7147616	Novel	NO	NO	NO	NO
SPAC16.01	SPCC970.09	0.7147125	Novel	YES	YES	NO	NO
SPAC24C9.07c	SPAC4A8.15c	0.7146667	Novel	NO	NO	NO	NO
SPAC227.16c	SPAC24C9.07c	0.7145905	Novel	NO	NO	NO	NO
SPAC16.01	SPBC106.20	0.7134766	Novel	YES	YES	NO	NO
SPAC31G5.09c	SPAC1F5.09c	0.7129119	Novel	NO	YES	YES	NO
SPBP4H10.04	SPAC17G8.14c	0.7113017	Novel	YES	YES	YES	YES
SPAC821.12	SPAC9G1.09	0.7102999	Novel	NO	YES	YES	NO
SPAC16A10.04	SPBC12D12.04c	0.7084514	Novel	NO	NO	NO	NO
SPAC227.16c	SPAC19B12.03	0.7083978	Novel	YES	NO	NO	NO
SPAC19B12.03	SPBC21.06c	0.7076969	Novel	NO	NO	NO	NO
SPAC2E1P5.04c	SPAC23C4.08	0.7074053	Novel	NO	YES	YES	NO
SPAC19B12.03	SPAC1565.06c	0.7070517	Novel	NO	NO	NO	NO
SPAC19B12.03	SPBC11B10.09	0.7064016	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC1685.02c	0.7063159	Novel	NO	NO	NO	NO
SPCC5E4.03c	SPAC18B11.07c	0.7061588	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPAC19B12.03	0.7060336	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC19B12.03	0.7060318	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC8D2.01	0.7057052	Novel	YES	NO	YES	NO
SPBC16H5.10c	SPAC644.12	0.7055911	Novel	YES	NO	NO	NO
SPBC21B10.04c	SPAC16.01	0.7055731	Novel	YES	NO	YES	NO
SPBC3F6.03	SPAC16.01	0.7055048	Novel	NO	NO	NO	NO
SPAPB1A10.09	SPAC19B12.03	0.7052132	Novel	NO	NO	NO	NO
SPAC22H10.07	SPAC16.01	0.7043718	Novel	YES	YES	YES	NO
SPAC8E11.03c	SPBC216.05	0.7040308	Novel	NO	YES	YES	YES
SPAC19B12.03	SPBC4F6.12	0.703945	Novel	NO	NO	NO	NO
SPAC1142.05	SPBC23G7.16	0.7030605	Novel	YES	YES	YES	YES
SPAC16.01	SPAC7D4.07c	0.7028414	Novel	NO	NO	NO	NO
SPAC19B12.03	SPCC1739.11c	0.7026282	Novel	YES	NO	NO	NO
SPAC16A10.04	SPBC119.08	0.7024895	Novel	NO	NO	YES	NO
SPAC19B12.03	SPAC20G8.05c	0.7024567	Novel	YES	NO	NO	NO

SPAC16.01	SPAC4F8.07c	0.7024051	Novel	NO	NO	NO	NO
SPAC19B12.03	SPAC23C4.18c	0.70232	Novel	NO	NO	NO	NO
SPAC19B12.03	SPAC6F6.08c	0.7021444	Novel	NO	NO	NO	NO
SPAC19B12.03	SPCC1322.12c	0.7021432	Novel	NO	NO	NO	NO
SPAC17C9.13c	SPAC823.15	0.7017738	Novel	NO	NO	NO	NO
SPAC16.01	SPCC962.04	0.7015698	Novel	NO	NO	NO	NO
SPAC19B12.03	SPBC24C6.07	0.7014827	Novel	NO	NO	NO	NO
SPAC824.04	SPAC823.15	0.7013172	Novel	NO	NO	NO	NO
SPAC16.01	SPAC6F6.07c	0.7012389	Novel	NO	NO	NO	NO
SPAC19B12.03	SPAPB2B4.03	0.7010506	Novel	NO	NO	NO	NO
SPAC16.01	SPAC26A3.07c	0.7010159	Novel	NO	NO	NO	NO
SPAC16.01	SPBC17G9.10	0.7010159	Novel	NO	NO	NO	NO
SPAC19B12.03	SPCC5E4.04	0.7009055	Novel	YES	NO	NO	NO
SPBC582.03	SPAC19B12.03	0.7008131	Novel	NO	NO	NO	NO
SPAC823.15	SPAC4A8.12c	0.700639	Novel	NO	NO	NO	NO
SPAC16.01	SPBC119.02	0.7006216	Novel	NO	NO	NO	NO
SPCC16C4.07	SPAC19B12.03	0.7005761	Novel	YES	NO	NO	NO
SPAC17G6.16c	SPAC823.15	0.7004965	Novel	NO	NO	NO	NO
SPAC19G12.14	SPAC19B12.03	0.7002957	Novel	NO	NO	NO	NO
SPAC16.01	SPCC970.05	0.7	Novel	NO	NO	NO	NO
SPAC16.01	SPBC405.07	0.7	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC543.07	0.6996651	Novel	NO	NO	YES	NO
SPBC1685.10	SPAC16.01	0.6995856	Novel	NO	NO	NO	NO
SPAC19B12.03	SPAC4A8.15c	0.6995378	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC17G8.14c	0.6994941	Novel	NO	NO	NO	NO
SPAC823.15	SPBC25B2.05	0.6988245	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPCC970.09	0.6979312	Novel	YES	NO	NO	NO
SPAC18B11.07c	SPBC15D4.14	0.6974318	Novel	NO	NO	NO	NO
SPAC823.15	SPAC6F12.15c	0.6973556	Novel	NO	NO	NO	NO
SPBC106.20	SPAC20H4.11c	0.6972728	Novel	YES	NO	NO	NO
SPAC6F12.15c	SPAC18B11.07c	0.6972602	Novel	NO	NO	NO	YES
SPAC823.15	SPCC622.09	0.6962295	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC11B10.09	0.6959871	Novel	NO	YES	YES	NO
SPBC336.12c	SPAC23C4.08	0.6947919	Novel	NO	YES	NO	NO
SPAC1783.05	SPCC1620.14c	0.6944389	Novel	YES	YES	NO	YES
SPAC31G5.09c	SPAC1F3.02c	0.6935733	Novel	NO	YES	YES	NO
SPAC22H10.12c	SPAC6F6.15	0.6925351	Novel	NO	NO	YES	NO
SPAC8E11.03c	SPCC18B5.11c	0.6921533	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPAC1142.03c	0.6916819	Novel	NO	NO	NO	YES
SPCC16C4.11	SPAC823.15	0.6910781	Novel	NO	NO	YES	NO
SPAC16A10.04	SPAC17G6.04c	0.6901126	Novel	NO	NO	NO	NO
SPAC9E9.07c	SPAC4C5.02c	0.6893631	Novel	NO	YES	YES	YES
SPCC188.02	SPBC776.02c	0.6891034	Novel	NO	NO	NO	NO
SPBC4F6.12	SPAC23C4.08	0.6889419	Novel	NO	YES	NO	NO
SPBC11B10.09	SPCC1840.02c	0.6886055	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC23C4.08	0.6876432	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPAC664.07c	0.6875918	Novel	NO	NO	YES	YES

SPAC20H4.11c	SPAC23C4.08	0.687578	Novel	NO	YES	YES	NO
SPAC8E11.03c	SPBC342.05	0.6873345	Novel	NO	YES	NO	YES
SPBC21.06c	SPAC23C4.08	0.687239	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPAC9E9.08	0.6872339	Novel	NO	NO	NO	YES
SPAC8E11.03c	SPAC20G4.04c	0.6870083	Novel	NO	NO	NO	YES
SPAC8E11.03c	SPBC543.03c	0.6868962	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPAC1952.07	0.6868799	Novel	NO	NO	YES	YES
SPBC21C3.18	SPCC550.13	0.6868636	Novel	NO	NO	YES	NO
SPAC8E11.03c	SPCC622.08c	0.6864769	Novel	NO	YES	NO	YES
SPAC19G12.06c	SPAC8E11.03c	0.6864731	Novel	NO	YES	NO	YES
SPBP35G2.03c	SPBC776.02c	0.6864502	Novel	NO	NO	NO	NO
SPCC1840.02c	SPCC1739.11c	0.6862449	Novel	YES	NO	YES	NO
SPAC8E11.03c	SPBC119.14	0.6859752	Novel	NO	YES	YES	YES
SPAC9.10	SPCC576.17c	0.6856533	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPCC1840.02c	0.6852889	Novel	NO	NO	NO	NO
SPCC18B5.03	SPCC1840.02c	0.6851275	Novel	NO	NO	NO	NO
SPBC21.06c	SPCC1840.02c	0.6840893	Novel	NO	NO	NO	NO
SPAC16A10.06c	SPAC8E11.03c	0.6833969	Novel	NO	NO	NO	YES
SPAC8E11.03c	SPAC30D11.10	0.6825772	Novel	NO	YES	YES	YES
SPBC16G5.12c	SPAC8E11.03c	0.6825404	Novel	NO	YES	NO	YES
SPAC1D4.06c	SPAC8E11.03c	0.6825038	Novel	NO	YES	NO	YES
SPBC336.01	SPAC8E11.03c	0.6821663	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPAC3H5.06c	0.6819795	Novel	NO	YES	NO	YES
SPCC1840.02c	SPAC1565.06c	0.6819278	Novel	NO	NO	YES	NO
SPAC4H3.05	SPAC8E11.03c	0.6817553	Novel	NO	YES	NO	YES
SPCC1753.03c	SPAC8E11.03c	0.6816494	Novel	NO	NO	YES	YES
SPAC24B11.06c	SPAC1F5.09c	0.6814833	Novel	NO	YES	YES	NO
SPAC8E11.03c	SPAC2G11.12	0.681258	Novel	NO	YES	YES	YES
SPCC4G3.05c	SPAC8E11.03c	0.6812218	Novel	NO	YES	YES	YES
SPAC8E11.03c	SPAPB1E7.02c	0.6811975	Novel	NO	NO	NO	YES
SPBC16D10.04c	SPAC8E11.03c	0.6810973	Novel	NO	YES	YES	YES
SPAC8E11.03c	SPAC25G10.04c	0.6810864	Novel	NO	NO	YES	YES
SPCC16C4.07	SPCC1840.02c	0.6809386	Novel	YES	NO	NO	NO
SPBC3E7.08c	SPAC8E11.03c	0.680859	Novel	NO	YES	NO	YES
SPAC823.15	SPBC119.08	0.6807906	Novel	NO	NO	NO	NO
SPAC8E11.03c	SPAC17A5.11	0.6806092	Novel	NO	YES	YES	YES
SPBC660.13c	SPAC8E11.03c	0.6804733	Novel	NO	YES	YES	YES
SPAC8E11.03c	SPAC11E3.08c	0.6804477	Novel	NO	NO	NO	YES
SPAC8E11.03c	SPBC1734.06	0.6803549	Novel	NO	YES	NO	YES
SPAC8E11.03c	SPCC645.04	0.6802941	Novel	NO	NO	NO	YES
SPAC823.15	SPBC12D12.04c	0.6799364	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPCC1840.02c	0.6798048	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC17G8.14c	0.6797113	Novel	NO	YES	YES	NO
SPAC6F6.08c	SPCC1840.02c	0.6795824	Novel	NO	NO	NO	NO
SPCC1840.02c	SPAC23C4.18c	0.6794696	Novel	NO	NO	NO	NO
SPAC1F7.04	SPCC970.09	0.679441	Novel	NO	YES	NO	YES
SPCC1840.02c	SPAC20G8.05c	0.6792418	Novel	YES	NO	NO	NO

SPBC582.03	SPCC1840.02c	0.6791708	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC12D12.04c	0.6789831	Novel	NO	YES	YES	NO
SPAC1F7.04	SPBC106.20	0.6786317	Novel	NO	YES	NO	NO
SPBC24C6.07	SPCC1840.02c	0.6786162	Novel	NO	NO	NO	NO
SPAC821.09	SPAC16.01	0.6783056	Novel	NO	NO	NO	NO
SPCC1840.02c	SPAC4A8.15c	0.6771838	Novel	YES	NO	NO	NO
SPBC1718.07c	SPAC2C4.14c	0.6769114	Novel	NO	NO	NO	NO
SPBC543.07	SPAC17G8.14c	0.6766116	Novel	NO	YES	YES	YES
SPCC16C4.11	SPCC1322.08	0.676401	Novel	NO	YES	YES	NO
SPBC4F6.12	SPCC1840.02c	0.6763644	Novel	YES	NO	NO	NO
SPBC11B10.09	SPAC23C11.16	0.6762915	Novel	NO	YES	YES	YES
SPCC1840.02c	SPCC5E4.04	0.6759388	Novel	YES	NO	NO	NO
SPAC16A10.04	SPAC1F3.02c	0.6752804	Novel	NO	NO	YES	NO
SPCC1840.02c	SPCC1322.12c	0.6752253	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBP4H10.04	0.6751216	Novel	NO	NO	NO	NO
SPAPB1A10.09	SPCC1840.02c	0.6750794	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC31G5.09c	0.674992	Novel	NO	NO	NO	NO
SPAC19G12.14	SPCC1840.02c	0.6749204	Novel	YES	NO	NO	NO
SPAC227.16c	SPCC1840.02c	0.6743197	Novel	YES	NO	NO	NO
SPBC16E9.11c	SPAC11G7.02	0.6735929	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC23C11.16	0.6735567	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC17G8.14c	0.6735404	Novel	NO	YES	YES	NO
SPAC821.09	SPAC20H4.11c	0.6733349	Novel	NO	NO	NO	NO
SPAC16.01	SPBC26H8.07c	0.6731574	Novel	NO	YES	YES	YES
SPAC16A10.04	SPBC1604.14c	0.6730455	Novel	NO	NO	YES	NO
SPBC26H8.07c	SPAC1250.03	0.6730084	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC16.01	0.6722959	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBC336.12c	0.6717437	Novel	NO	YES	YES	YES
SPCC645.06c	SPAC23C4.08	0.6709943	Novel	NO	YES	YES	NO
SPBP8B7.25	SPCC188.11	0.6707382	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC16H5.07c	0.6706909	Novel	NO	NO	YES	NO
SPBC32H8.10	SPBC11B10.09	0.6697691	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPBC1685.01	0.6690037	Novel	NO	NO	YES	NO
SPAC16.01	SPAC14C4.09	0.6686311	Novel	NO	NO	NO	NO
SPBC3F6.05	SPAC23C4.08	0.6678979	Novel	NO	NO	YES	NO
SPAC23C4.08	SPAC1006.06	0.6676013	Novel	NO	YES	NO	NO
SPAC23C4.08	SPCC1739.11c	0.6674422	Novel	NO	YES	NO	YES
SPAC23C4.08	SPCC645.07	0.6672186	Novel	NO	YES	YES	NO
SPAC6F12.12	SPBC776.02c	0.6670369	Novel	NO	NO	NO	NO
SPAC1F7.03	SPAC23C4.08	0.6669156	Novel	NO	YES	YES	NO
SPBC26H8.07c	SPAC20H4.11c	0.6666667	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPCC757.09c	0.665685	Novel	NO	NO	YES	NO
SPBC146.13c	SPAP8A3.08	0.6643655	Novel	YES	YES	NO	NO
SPAC24H6.03	SPAC1250.03	0.6638189	Novel	NO	NO	NO	NO
SPBC1D7.04	SPAC1250.03	0.6635621	Novel	NO	NO	NO	NO
SPCC188.02	SPCC31H12.05c	0.6633975	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPAC14C4.09	0.6632972	Novel	NO	NO	NO	NO

SPAC31G5.09c	SPCC1322.08	0.6632178	Novel	NO	YES	YES	NO
SPBC11B10.09	SPBC119.08	0.6630398	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC12D12.04c	0.6630072	Novel	NO	YES	YES	NO
SPAC4A8.05c	SPAC3A12.14	0.6628188	Novel	NO	YES	NO	NO
SPBC4.05	SPAC1250.03	0.6625	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPBP35G2.03c	0.6615732	Novel	NO	NO	NO	NO
SPAC110.03	SPAC1250.03	0.6614672	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC26H8.05c	0.6613475	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPAC23A1.06c	0.6610555	Novel	NO	YES	YES	NO
SPBC428.13c	SPBC21.06c	0.661001	Novel	YES	YES	NO	YES
SPAC23C4.08	SPAC1F5.09c	0.6603282	Novel	NO	YES	NO	NO
SPBC32F12.04	SPBC26H8.07c	0.6600449	Novel	YES	YES	YES	NO
SPBC582.03	SPAC11E3.04c	0.6596179	Novel	NO	YES	NO	NO
SPCC970.10c	SPAC11E3.04c	0.6595949	Novel	NO	YES	NO	NO
SPAC11E3.04c	SPCC1919.15	0.6595137	Novel	NO	YES	NO	NO
SPAPB2B4.03	SPAC644.06c	0.6592388	Novel	NO	NO	YES	YES
SPCC31H12.05c	SPAC1687.15	0.6591961	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC21.06c	0.6591302	Novel	NO	NO	NO	YES
SPAC24H6.05	SPAC11E3.04c	0.6587804	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC57A7.08	0.6586671	Novel	NO	NO	YES	NO
SPAC11E3.04c	SPBC1734.06	0.6585988	Novel	NO	YES	YES	NO
SPBC1105.11c	SPAC1687.20c	0.6584731	Novel	NO	YES	NO	NO
SPAC1834.04	SPAC1687.20c	0.6584731	Novel	NO	NO	NO	NO
SPBC8D2.04	SPAC1687.20c	0.6584731	Novel	NO	NO	NO	NO
SPBC12D12.04c	SPBC16H5.07c	0.6583414	Novel	NO	NO	NO	YES
SPAC16A10.04	SPBC336.12c	0.6580737	Novel	NO	NO	NO	YES
SPCC16C4.11	SPCC1739.12	0.6579146	Novel	NO	YES	NO	NO
SPAC5H10.11	SPCC736.04c	0.6577655	Novel	YES	YES	YES	NO
SPAC24B11.11c	SPCC188.12	0.6573954	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC776.02c	0.6565896	Novel	NO	NO	YES	YES
SPAC821.09	SPAC1F7.04	0.6562803	Novel	NO	NO	NO	YES
SPCC297.03	SPAC31G5.09c	0.6558096	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC1198.12	0.6544693	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC29A4.16	0.6544277	Novel	NO	YES	YES	NO
SPAC22H10.04	SPBC11B10.09	0.6543515	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPAC3G6.02	0.6533454	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC1F3.02c	0.6526864	Novel	YES	YES	YES	YES
SPAC31G5.09c	SPAC24H6.05	0.6524811	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC1F7.04	0.6520551	Novel	YES	YES	YES	YES
SPAC16A10.04	SPAC20H4.11c	0.6519337	Novel	NO	YES	YES	NO
SPAC17C9.13c	SPBC16H5.07c	0.6518356	Novel	NO	NO	NO	NO
SPBC428.13c	SPAC27F1.02c	0.6506157	Novel	NO	NO	NO	YES
SPBC776.02c	SPAC1687.15	0.6503212	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC19F8.07	0.6500214	Novel	NO	YES	NO	YES
SPAC57A10.02	SPAPB2B4.03	0.6491132	Novel	NO	YES	YES	YES
SPAC24B11.11c	SPAC2C4.14c	0.6488821	Novel	NO	YES	YES	NO
SPAC824.04	SPBC16H5.07c	0.6488633	Novel	NO	NO	NO	NO

SPAC57A7.08	SPAC24B11.06c	0.648662	Novel	YES	NO	YES	NO
SPAC24H6.05	SPBC1105.09	0.648473	Novel	NO	NO	NO	NO
SPAC17G6.16c	SPBC16H5.07c	0.6484457	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC26H8.07c	0.6480314	Novel	NO	YES	NO	NO
SPBC16H5.07c	SPAC4A8.12c	0.6478769	Novel	YES	NO	NO	NO
SPAC16A10.04	SPCC1739.11c	0.6473165	Novel	NO	NO	YES	YES
SPAC16A10.04	SPAC2E1P5.04c	0.6470788	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC1F5.09c	0.6470024	Novel	NO	YES	YES	YES
SPCC31H12.05c	SPAC6F12.12	0.6464142	Novel	NO	NO	NO	NO
SPBC16H5.07c	SPBC25B2.05	0.6462003	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPCC18B5.03	0.6461103	Novel	NO	YES	NO	NO
SPAPB2B4.02	SPAC4F10.20	0.6455733	Novel	NO	YES	YES	NO
SPBC660.14	SPAC821.08c	0.6449059	Novel	NO	NO	YES	YES
SPBC119.02	SPBC800.05c	0.6448946	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC14C4.09	0.6448897	Novel	NO	NO	NO	YES
SPBC1105.11c	SPAC16A10.05c	0.6446516	Novel	NO	NO	NO	NO
SPAC16A10.05c	SPBC8D2.04	0.6446516	Novel	NO	NO	NO	NO
SPAC16A10.05c	SPAC1834.04	0.6446516	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC32H8.10	0.644637	Novel	NO	YES	YES	NO
SPBC428.13c	SPAC1834.06c	0.6445026	Novel	YES	YES	YES	NO
SPAC6F12.15c	SPBC16H5.07c	0.6444755	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC3F6.05	0.6439905	Novel	NO	NO	YES	NO
SPBC428.13c	SPAC4A8.15c	0.6435428	Novel	NO	NO	NO	NO
SPAC18B11.07c	SPCC338.05c	0.6434975	Novel	NO	YES	YES	NO
SPBC32C12.02	SPBC119.08	0.6434591	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC1006.06	0.643337	Novel	YES	NO	NO	NO
SPBC1778.04	SPBC776.12c	0.6432895	Novel	NO	NO	YES	NO
SPCC622.09	SPBC16H5.07c	0.6425157	Novel	NO	NO	NO	NO
SPBP4H10.04	SPAC9E9.07c	0.6424567	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC1F7.03	0.6423819	Novel	NO	NO	YES	NO
SPBC428.08c	SPBC800.05c	0.6423592	Novel	NO	NO	NO	NO
SPAC16A10.04	SPCC645.06c	0.642001	Novel	NO	NO	YES	NO
SPAC16A10.04	SPBC4F6.12	0.6418102	Novel	NO	NO	YES	NO
SPAC16A10.04	SPCC645.07	0.6415606	Novel	YES	NO	NO	NO
SPCC16C4.11	SPAC1F5.09c	0.6404357	Novel	NO	YES	YES	NO
SPCC1739.11c	SPAC2C4.14c	0.6399883	Novel	YES	NO	NO	NO
SPAC57A10.03	SPAC644.12	0.6396063	Novel	NO	YES	NO	NO
SPAC16A10.04	SPAC1F5.09c	0.6393974	Novel	NO	NO	NO	NO
SPBC19C7.03	SPAC31G5.09c	0.6391734	Novel	NO	YES	NO	NO
SPCC18B5.03	SPCC31H12.05c	0.6389601	Novel	NO	NO	NO	NO
SPCC188.12	SPBC16A3.01	0.6382046	Novel	YES	YES	NO	NO
SPAC17H9.09c	SPBC23G7.12c	0.6382031	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAPB18E9.04c	0.6380948	Novel	NO	NO	NO	NO
SPAC664.01c	SPBC800.05c	0.6380221	Novel	NO	NO	NO	YES
SPCC188.12	SPAC9G1.11c	0.6379018	Novel	YES	YES	NO	NO
SPCC18B5.03	SPBC16H5.10c	0.6376642	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC29B5.01	0.6371348	Novel	NO	NO	NO	NO

SPCC16C4.09	SPBC776.02c	0.6370521	Novel	YES	NO	NO	YES
SPAC20H4.11c	SPBC1685.02c	0.6370294	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC776.02c	0.6370276	Novel	YES	YES	YES	YES
SPAC16A10.04	SPCC970.09	0.6367847	Novel	NO	NO	NO	YES
SPAC16A10.04	SPCC895.05	0.6366874	Novel	NO	NO	YES	NO
SPAC23C11.11	SPBC16H5.10c	0.6365815	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC11G7.02	0.6365492	Novel	NO	NO	NO	NO
SPAC8E11.02c	SPBC16H5.10c	0.6364764	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC106.20	0.6362617	Novel	NO	NO	NO	NO
SPCC188.12	SPAC4F10.11	0.636128	Novel	YES	YES	NO	NO
SPAC31G5.09c	SPAC1805.17	0.6360696	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC23C4.08	0.6360378	Novel	NO	YES	YES	NO
SPCC736.04c	SPAC5H10.13c	0.6360083	Novel	YES	YES	YES	NO
SPBC16A3.15c	SPBC428.08c	0.6359444	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPCC576.03c	0.6358873	Novel	NO	NO	NO	NO
SPBC582.03	SPBC16H5.10c	0.6358278	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC19D5.01	0.6356908	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC4F11.02	0.6356146	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC9B6.10	0.6355749	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC119.02	0.6355003	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC5E4.04	0.6354551	Novel	NO	NO	NO	NO
SPAC821.06	SPCC188.12	0.6354411	Novel	YES	YES	NO	NO
SPAC31G5.09c	SPAPYUG7.02c	0.6352099	Novel	NO	NO	YES	NO
SPAC31G5.09c	SPAC17A2.09c	0.6351524	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC2F12.09c	0.6350921	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC977.10	0.6350278	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC1A4.02c	0.6350035	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC1783.07c	0.6349914	Novel	NO	NO	NO	NO
SPAC1834.04	SPBC21.01	0.6349091	Novel	NO	NO	NO	NO
SPBC1105.11c	SPBC21.01	0.6349091	Novel	NO	YES	NO	NO
SPBC8D2.04	SPBC21.01	0.6349091	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC26F1.10c	0.6347796	Novel	NO	NO	NO	NO
SPAC1834.04	SPAC1834.03c	0.6347171	Novel	YES	YES	YES	YES
SPBC1105.11c	SPAC1834.03c	0.6347171	Novel	YES	YES	YES	NO
SPBC8D2.04	SPAC1834.03c	0.6347171	Novel	YES	YES	YES	YES
SPAC1834.04	SPBC8D2.03c	0.6347171	Novel	YES	YES	YES	YES
SPBC1105.11c	SPBC8D2.03c	0.6347171	Novel	YES	YES	YES	NO
SPBC8D2.04	SPBC8D2.03c	0.6347171	Novel	YES	YES	YES	YES
SPAC1834.04	SPBC1105.12	0.6347171	Novel	YES	YES	YES	NO
SPBC1105.11c	SPBC1105.12	0.6347171	Novel	YES	YES	YES	NO
SPBC8D2.04	SPBC1105.12	0.6347171	Novel	YES	YES	YES	NO
SPAC18G6.02c	SPBC26H8.07c	0.6338592	Novel	NO	NO	NO	YES
SPAC1834.04	SPBC18E5.03c	0.6337706	Novel	NO	NO	YES	NO
SPBC1105.11c	SPBC18E5.03c	0.6337706	Novel	NO	YES	YES	NO
SPBC8D2.04	SPBC18E5.03c	0.6337706	Novel	NO	NO	YES	NO
SPBC24C6.07	SPBC11B10.09	0.6336632	Novel	NO	YES	NO	YES
SPCC4B3.16	SPBC776.02c	0.6335628	Novel	YES	NO	NO	NO

SPCC1672.10	SPBC8D2.04	0.63356	Novel	NO	NO	NO	NO
SPCC1672.10	SPAC1834.04	0.63356	Novel	NO	NO	NO	NO
SPCC1672.10	SPBC1105.11c	0.63356	Novel	NO	YES	NO	NO
SPAC821.09	SPAC23C4.08	0.6330281	Novel	NO	NO	NO	YES
SPBC1105.11c	SPCC622.09	0.6327183	Novel	NO	YES	YES	YES
SPBC8D2.04	SPCC622.09	0.6327183	Novel	NO	YES	NO	YES
SPCC622.09	SPAC1834.04	0.6327183	Novel	NO	YES	YES	YES
SPAC1834.04	SPCC290.04	0.6325669	Novel	NO	NO	NO	NO
SPBC1105.11c	SPCC290.04	0.6325669	Novel	NO	NO	NO	NO
SPBC8D2.04	SPCC290.04	0.6325669	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC821.06	0.6325331	Novel	NO	YES	NO	YES
SPAC1834.04	SPBP22H7.09c	0.6325006	Novel	NO	NO	NO	NO
SPBC1105.11c	SPBP22H7.09c	0.6325006	Novel	NO	YES	NO	NO
SPBC8D2.04	SPBP22H7.09c	0.6325006	Novel	NO	NO	NO	NO
SPCC1739.12	SPBC119.08	0.6323466	Novel	NO	YES	YES	YES
SPAC6B12.15	SPAC17G8.14c	0.6322961	Novel	NO	YES	YES	YES
SPAC1834.04	SPCC970.12	0.6322901	Novel	NO	NO	NO	NO
SPBC1105.11c	SPCC970.12	0.6322901	Novel	NO	YES	NO	NO
SPBC8D2.04	SPCC970.12	0.6322901	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC31G5.09c	0.6322441	Novel	NO	YES	YES	NO
SPAC24H6.05	SPAC2C4.14c	0.6319967	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC16A3.15c	0.6309459	Novel	NO	YES	YES	NO
SPAC6F6.15	SPAC4C5.02c	0.6307234	Novel	NO	YES	YES	NO
SPAC22H10.10	SPBC26H8.07c	0.6306972	Novel	NO	NO	NO	YES
SPAC24H6.05	SPCC31H12.05c	0.6306719	Novel	NO	YES	NO	NO
SPAC16.01	SPAC23C4.08	0.6300422	Novel	NO	YES	YES	YES
SPBC8D2.09c	SPAC19A8.13	0.6300305	Novel	NO	NO	YES	NO
SPAC821.12	SPAC2C4.14c	0.6298976	Novel	NO	YES	YES	NO
SPAC18G6.15	SPBC26H8.07c	0.6297497	Novel	NO	NO	YES	NO
SPAC19G12.14	SPAC17G8.14c	0.6295035	Novel	NO	YES	YES	YES
SPAC23C4.08	SPAC14C4.09	0.6293243	Novel	NO	NO	NO	YES
SPBC21.06c	SPAC6F12.12	0.6293066	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPAC1F7.04	0.629081	Novel	NO	NO	NO	NO
SPBC24C6.07	SPAC2C4.14c	0.6286195	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBP4H10.04	0.6283874	Novel	NO	NO	NO	NO
SPBC1198.12	SPAC144.13c	0.6277505	Novel	YES	NO	NO	NO
SPBC21.06c	SPAC2C4.14c	0.6273057	Novel	NO	YES	YES	NO
SPAC16A10.04	SPBC800.05c	0.6270096	Novel	NO	YES	YES	NO
SPAC110.03	SPCC970.09	0.6269865	Novel	YES	YES	NO	NO
SPAC110.03	SPBC106.20	0.6267312	Novel	YES	YES	NO	NO
SPAC1782.09c	SPBC19F8.07	0.6254948	Novel	YES	NO	NO	YES
SPCC16C4.11	SPBC24C6.07	0.6252755	Novel	NO	YES	NO	NO
SPAC23A1.06c	SPBC19F8.07	0.6252512	Novel	YES	YES	YES	YES
SPBC12D12.04c	SPBC26H8.05c	0.6251886	Novel	NO	NO	NO	NO
SPBC3D6.04c	SPBC26H8.07c	0.6249452	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC106.10	0.624905	Novel	NO	YES	YES	NO
SPAC17D4.03c	SPAC9E9.07c	0.6247278	Novel	NO	NO	NO	NO

SPBC1703.10	SPAC4C5.02c	0.6246715	Novel	NO	YES	YES	NO
SPBC11B10.09	SPBC26H8.05c	0.6244889	Novel	NO	NO	NO	NO
SPAC17G8.14c	SPAC1F5.08c	0.6242777	Novel	NO	NO	NO	YES
SPCC16C4.11	SPAC1D4.13	0.6241995	Novel	NO	YES	YES	NO
SPAC9E9.10c	SPCC364.02c	0.6240875	Novel	NO	NO	NO	YES
SPAC24B11.11c	SPAC821.12	0.6235223	Novel	NO	YES	YES	YES
SPAC3G6.01	SPAC1250.01	0.6232844	Novel	YES	YES	YES	NO
SPAC31G5.09c	SPBC776.02c	0.6223097	Novel	NO	NO	NO	NO
SPAC23E2.02	SPAC3G6.01	0.6222309	Novel	YES	YES	YES	YES
SPBC26H8.07c	SPCC1322.12c	0.6220843	Novel	NO	NO	NO	YES
SPAC6F6.08c	SPAC2C4.14c	0.621587	Novel	NO	NO	NO	NO
SPBC582.03	SPBC16E9.17c	0.6215284	Novel	NO	YES	YES	YES
SPAC2F3.15	SPAC2C4.14c	0.620768	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPCC4B3.16	0.6206462	Novel	NO	NO	NO	NO
SPBC4.04c	SPBC26H8.07c	0.6205841	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC119.08	0.6205718	Novel	YES	YES	YES	YES
SPAC1687.20c	SPAC3G6.01	0.6204806	Novel	NO	YES	NO	YES
SPAC31G5.09c	SPCC31H12.05c	0.6203686	Novel	NO	NO	NO	NO
SPAC110.03	SPBC12D12.07c	0.6200839	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC664.01c	0.6196149	Novel	NO	NO	NO	YES
SPBC336.12c	SPBC800.05c	0.6193912	Novel	NO	NO	NO	NO
SPCC16C4.09	SPCC31H12.05c	0.6192516	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC12D12.04c	0.6190899	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC23H3.08c	0.6187069	Novel	NO	NO	NO	NO
SPBC11C11.04c	SPBC800.05c	0.6186666	Novel	NO	NO	YES	YES
SPAC18G6.03	SPAC6F6.15	0.6183494	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC776.02c	0.6179949	Novel	YES	NO	NO	YES
SPBC26H8.07c	SPBC32H8.12c	0.6178924	Novel	NO	NO	YES	YES
SPBC19C2.05	SPAC2C4.14c	0.6173691	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC16.01	0.6172778	Novel	NO	YES	NO	NO
SPBC1604.14c	SPBC19F8.07	0.6170044	Novel	NO	YES	YES	YES
SPAC1F7.04	SPAC11E3.04c	0.6168933	Novel	NO	YES	NO	NO
SPBC1198.12	SPBC30D10.10c	0.616808	Novel	NO	NO	NO	NO
SPAC637.07	SPBC26H8.07c	0.6165118	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC30C2.02	0.6160785	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPBC1685.01	0.6158301	Novel	YES	YES	NO	NO
SPAC31G5.11	SPBC26H8.07c	0.6156652	Novel	NO	NO	NO	NO
SPAC18G6.03	SPAC9E9.07c	0.6151863	Novel	NO	YES	YES	YES
SPBC800.05c	SPCC11E10.08	0.6151561	Novel	NO	NO	NO	NO
SPBC4.05	SPBC800.05c	0.6148762	Novel	NO	NO	NO	NO
SPAC9E9.10c	SPCC16A11.17	0.6146306	Novel	NO	NO	NO	YES
SPAC6F12.12	SPCC1739.11c	0.6145881	Novel	YES	NO	NO	YES
SPBC1D7.04	SPBC800.05c	0.6141602	Novel	NO	NO	NO	NO
SPBC800.05c	SPAC1786.03	0.6140854	Novel	NO	NO	NO	NO
SPAP8A3.04c	SPAC23C4.08	0.613781	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC2G11.12	0.6135565	Novel	NO	YES	NO	YES
SPAC8E11.07c	SPBC800.05c	0.6134651	Novel	NO	NO	NO	YES

SPAC5D6.08c	SPAC144.13c	0.6128446	Novel	NO	NO	NO	YES
SPBC582.03	SPBP16F5.04	0.6127738	Novel	NO	NO	NO	NO
SPBP16F5.04	SPCC1919.15	0.61272	Novel	NO	YES	NO	NO
SPCC970.10c	SPBP16F5.04	0.6124507	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPCC757.09c	0.6120892	Novel	NO	YES	NO	NO
SPAC24H6.05	SPBP16F5.04	0.6120445	Novel	NO	NO	NO	NO
SPBP16F5.04	SPBC1734.06	0.6120416	Novel	NO	YES	YES	NO
SPAC17D4.02	SPAC9E9.10c	0.6119678	Novel	YES	YES	NO	YES
SPCC16C4.11	SPAC24C9.07c	0.6118444	Novel	NO	NO	NO	NO
SPAC9.10	SPCC965.13	0.6118375	Novel	YES	NO	NO	NO
SPBC119.08	SPBC16H5.07c	0.6118304	Novel	YES	NO	NO	YES
SPAC31G5.09c	SPAC20H4.11c	0.6114128	Novel	NO	NO	NO	NO
SPBC211.04c	SPCC1682.02c	0.6113575	Novel	YES	YES	YES	YES
SPAC24B11.06c	SPCC31H12.05c	0.6112811	Novel	NO	NO	NO	NO
SPCC1682.16	SPAC3G6.02	0.6112675	Novel	NO	NO	YES	NO
SPAPB2B4.03	SPAC6F12.15c	0.6110594	Novel	NO	YES	NO	YES
SPCC16C4.07	SPAC2C4.14c	0.6108711	Novel	NO	NO	NO	NO
SPAC6F12.12	SPCC4B3.15	0.6105022	Novel	NO	NO	NO	YES
SPBC244.01c	SPAC2C4.14c	0.6104104	Novel	NO	NO	NO	NO
SPAC57A10.03	SPCC188.11	0.6104035	Novel	NO	YES	NO	NO
SPAC6F12.12	SPAC1565.06c	0.6101514	Novel	NO	NO	NO	YES
SPBC16A3.15c	SPBC11C11.04c	0.6100981	Novel	NO	NO	YES	YES
SPAPB2B4.03	SPCC1739.11c	0.6100942	Novel	YES	YES	NO	YES
SPBC16A3.15c	SPBC336.12c	0.6098464	Novel	NO	NO	NO	YES
SPBC32F12.06	SPBC19F8.07	0.609672	Novel	NO	NO	NO	YES
SPAC1D4.13	SPBC11B10.09	0.6090455	Novel	NO	YES	YES	NO
SPBC31F10.13c	SPAC9E9.10c	0.6089548	Novel	YES	YES	YES	YES
SPBC582.03	SPBC1105.09	0.6089399	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC6F6.08c	0.608829	Novel	NO	YES	NO	NO
SPCC970.10c	SPBC1105.09	0.6087828	Novel	NO	YES	NO	NO
SPAC6F6.08c	SPAC6F12.12	0.6082942	Novel	NO	NO	NO	YES
SPAC16.01	SPBC1685.02c	0.6081631	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBC646.09c	0.6080426	Novel	NO	YES	NO	YES
SPBC1105.09	SPCC1919.15	0.6080077	Novel	NO	YES	NO	NO
SPAC110.03	SPBC26H8.07c	0.6077988	Novel	NO	YES	NO	YES
SPBC1105.09	SPBC1734.06	0.6077776	Novel	NO	YES	YES	NO
SPCC16C4.09	SPBC12D12.04c	0.6071356	Novel	YES	NO	NO	YES
SPAC110.03	SPAC23C4.08	0.6069364	Novel	NO	YES	YES	YES
SPBC16A3.15c	SPCC11E10.08	0.6065941	Novel	NO	NO	NO	NO
SPBC4.05	SPBC16A3.15c	0.606311	Novel	NO	NO	NO	NO
SPAC9E9.10c	SPBC25H2.13c	0.6062941	Novel	NO	NO	NO	YES
SPAC17C9.01c	SPAPB2B4.03	0.606203	Novel	NO	YES	NO	YES
SPBC336.04	SPAC9E9.10c	0.6061742	Novel	NO	YES	NO	YES
SPAC9E9.10c	SPAC27E2.05	0.6061427	Novel	NO	YES	NO	YES
SPAC9E9.10c	SPBC14C8.07c	0.6060461	Novel	NO	NO	NO	YES
SPBC29A10.15	SPAC9E9.10c	0.6060107	Novel	YES	NO	NO	YES
SPBC800.03	SPAC9E9.10c	0.605979	Novel	YES	NO	YES	YES

SPBC16A3.15c	SPBC1D7.04	0.6058614	Novel	NO	NO	NO	NO
SPBC36.05c	SPAC9E9.10c	0.6058565	Novel	YES	YES	YES	YES
SPAP8A3.09c	SPAC6F12.12	0.6057701	Novel	YES	YES	NO	YES
SPBC409.04c	SPAC9E9.10c	0.6057492	Novel	NO	YES	YES	YES
SPBC428.13c	SPAC6F12.12	0.6056076	Novel	YES	NO	NO	YES
SPAPB2B4.03	SPBC19C2.01	0.6055054	Novel	NO	NO	NO	YES
SPBC16A3.15c	SPAC1786.03	0.605477	Novel	NO	NO	NO	NO
SPAC6F12.12	SPBP35G2.03c	0.6054057	Novel	NO	NO	NO	YES
SPBC8D2.01	SPCC31H12.05c	0.6054009	Novel	NO	NO	NO	NO
SPAC6F12.12	SPBC29A10.14	0.6053299	Novel	NO	NO	NO	YES
SPAPB2B4.03	SPAC18B11.07c	0.605133	Novel	NO	NO	NO	YES
SPBC16A3.15c	SPAC8E11.07c	0.6051147	Novel	NO	NO	NO	YES
SPAPB2B4.03	SPBC25B2.05	0.6048238	Novel	NO	NO	NO	YES
SPAPB2B4.03	SPBP16F5.02	0.6047013	Novel	NO	YES	YES	YES
SPBC16G5.12c	SPAPB2B4.03	0.6046722	Novel	NO	YES	NO	YES
SPAPB2B4.03	SPAC9E9.13	0.6045613	Novel	NO	YES	YES	YES
SPCC576.10c	SPAC17H9.09c	0.604527	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBC32H8.12c	0.6044915	Novel	NO	NO	NO	YES
SPBC3H7.15	SPBP35G2.05c	0.6025039	Novel	NO	YES	YES	NO
SPAC1F7.04	SPAC18B11.07c	0.6005133	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC119.08	0.6003487	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC1D4.06c	0.5997149	Novel	NO	YES	YES	YES
SPAC1D4.13	SPAC1F3.02c	0.5996019	Novel	NO	YES	YES	NO
SPAC19D5.01	SPBC19F8.07	0.5991942	Novel	YES	NO	NO	YES
SPAC18G6.03	SPBC1703.10	0.5990245	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPBC17F3.02	0.5990049	Novel	YES	YES	YES	NO
SPBC8D2.01	SPBC776.02c	0.5986493	Novel	YES	NO	NO	NO
SPBC146.13c	SPBC1347.12	0.598625	Novel	NO	NO	NO	NO
SPCC1259.15c	SPAC24H6.05	0.5985605	Novel	YES	NO	YES	NO
SPAC16A10.04	SPAC16.01	0.5979462	Novel	NO	YES	YES	NO
SPAC110.03	SPAC821.09	0.5977296	Novel	NO	NO	NO	NO
SPAC6F12.13c	SPAC17G6.04c	0.5973258	Novel	NO	YES	NO	NO
SPAP8A3.08	SPCC1919.10c	0.5964224	Novel	YES	NO	NO	YES
SPAC17G8.14c	SPBC776.02c	0.5962935	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC2C4.14c	0.5960858	Novel	NO	YES	YES	NO
SPCC31H12.05c	SPAC17G8.14c	0.5955205	Novel	NO	NO	NO	NO
SPBC582.03	SPBC19C2.05	0.5952982	Novel	NO	YES	NO	YES
SPAC1D4.06c	SPBC18H10.15	0.5952856	Novel	NO	YES	YES	NO
SPBC11B10.09	SPAC2C4.14c	0.5952071	Novel	NO	YES	YES	NO
SPBP35G2.05c	SPAC23C4.12	0.5948478	Novel	NO	YES	YES	NO
SPCC576.10c	SPAC637.10c	0.5947153	Novel	YES	NO	YES	YES
SPBP4H10.04	SPAC4C5.02c	0.5941378	Novel	NO	NO	NO	YES
SPCC576.10c	SPAC4D7.05	0.5941223	Novel	NO	NO	NO	NO
SPAC1805.15c	SPAC24B11.06c	0.5935443	Novel	YES	NO	NO	YES
SPAC16A10.04	SPAPB18E9.04c	0.5932751	Novel	NO	NO	NO	NO
SPBC18H10.02	SPBC409.05	0.5931142	Novel	NO	NO	NO	NO
SPCC970.01	SPBC23G7.11	0.5926949	Novel	NO	NO	NO	NO

SPCC16C4.11	SPAC19B12.03	0.5925778	Novel	NO	NO	NO	NO
SPBC3D6.10	SPBC23G7.11	0.5925176	Novel	NO	NO	YES	YES
SPAC3G6.06c	SPBC23G7.11	0.5924123	Novel	NO	NO	NO	NO
SPCC576.10c	SPBC646.09c	0.5923797	Novel	YES	NO	NO	NO
SPAC3C7.03c	SPBC23G7.11	0.5923786	Novel	NO	NO	NO	NO
SPCC576.10c	SPAC1420.03	0.5922616	Novel	NO	NO	NO	YES
SPCC576.10c	SPAPB8E5.02c	0.5922616	Novel	NO	NO	NO	NO
SPAC18G6.03	SPCC895.07	0.5921194	Novel	NO	NO	NO	NO
SPCC576.10c	SPBC409.06	0.5920554	Novel	YES	NO	YES	YES
SPCC576.10c	SPBP19A11.03c	0.5920314	Novel	YES	YES	NO	NO
SPCC576.10c	SPAC6G9.08	0.5918919	Novel	NO	NO	YES	NO
SPBC18E5.03c	SPBC1348.08c	0.5918907	Novel	NO	NO	NO	NO
SPAC977.07c	SPBC18E5.03c	0.5918907	Novel	NO	NO	NO	NO
SPBC582.03	SPAC22F3.09c	0.5918807	Novel	NO	YES	NO	YES
SPAC977.07c	SPAC25B8.14	0.5917089	Novel	NO	NO	NO	NO
SPAC25B8.14	SPBC1348.08c	0.5917089	Novel	NO	NO	NO	NO
SPAC110.03	SPBC4.07c	0.5913201	Novel	NO	YES	NO	NO
SPBC1289.13c	SPAC5H10.11	0.5911834	Novel	YES	YES	YES	NO
SPAC4C5.04	SPBP35G2.05c	0.5911542	Novel	NO	NO	NO	NO
SPAC7D4.07c	SPAC23C4.08	0.5910778	Novel	NO	NO	NO	NO
SPAC23C4.08	SPAC16E8.09	0.5908999	Novel	NO	YES	NO	NO
SPAC16A10.05c	SPAC977.07c	0.5907946	Novel	NO	NO	NO	NO
SPAC16A10.05c	SPBC1348.08c	0.5907946	Novel	NO	NO	NO	NO
SPAC26F1.10c	SPBC19F8.07	0.5901929	Novel	NO	NO	NO	YES
SPAC24H6.09	SPAC23C4.08	0.5899109	Novel	NO	YES	YES	NO
SPBC582.03	SPBC725.16	0.5897901	Novel	NO	NO	NO	YES
SPBC1604.14c	SPAC2C4.14c	0.589712	Novel	YES	YES	YES	NO
SPCC16C4.11	SPAC22H10.04	0.5895808	Novel	NO	NO	YES	NO
SPBC18H10.15	SPAC1782.09c	0.5894449	Novel	NO	NO	NO	NO
SPAC6G10.12c	SPAC2C4.14c	0.5888766	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC119.08	0.5888303	Novel	YES	NO	NO	NO
SPCC1259.13	SPAC821.08c	0.5887454	Novel	NO	YES	NO	YES
SPBC11B10.09	SPBC776.18c	0.588701	Novel	NO	YES	NO	YES
SPCC5E4.03c	SPBC119.02	0.5883608	Novel	NO	NO	NO	NO
SPAC17A2.13c	SPBC16H5.10c	0.5882281	Novel	NO	NO	NO	NO
SPAC110.03	SPCC1682.16	0.5878409	Novel	NO	NO	NO	NO
SPBC9B6.10	SPBC19F8.07	0.5875457	Novel	YES	NO	NO	YES
SPAC9G1.09	SPBC19F8.07	0.5873754	Novel	NO	YES	YES	NO
SPCC417.06c	SPAC1F7.04	0.5870027	Novel	NO	NO	NO	NO
SPAC23C4.12	SPBC1347.06c	0.5862853	Novel	NO	YES	YES	NO
SPBC1685.15c	SPAC23C4.08	0.5862394	Novel	NO	YES	NO	NO
SPCC1259.15c	SPBC582.03	0.5861248	Novel	NO	NO	YES	YES
SPBC3F6.03	SPAC23C4.08	0.5860747	Novel	NO	NO	NO	NO
SPCC1259.15c	SPCC1919.15	0.5860251	Novel	NO	YES	NO	NO
SPCC970.10c	SPCC1259.15c	0.5859294	Novel	NO	YES	NO	NO
SPCC24B10.07	SPAC23C11.16	0.5858215	Novel	NO	YES	YES	NO
SPCC1259.15c	SPBC1734.06	0.585745	Novel	NO	YES	YES	NO

SPBC2F12.13	SPAC23C4.08	0.5857042	Novel	NO	YES	NO	NO
SPAC16A10.04	SPAP8A3.04c	0.5852928	Novel	NO	NO	NO	NO
SPAC19G12.01c	SPAC144.13c	0.5851157	Novel	NO	NO	NO	YES
SPAC637.07	SPAC23C4.08	0.5850404	Novel	NO	YES	NO	NO
SPBC23G7.12c	SPAC23C4.08	0.5847894	Novel	NO	NO	NO	NO
SPAC110.03	SPAC14C4.09	0.5839863	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPBP19A11.03c	0.5836469	Novel	YES	YES	YES	NO
SPAC824.04	SPBC18H10.06c	0.5833548	Novel	NO	NO	NO	NO
SPBP4H10.04	SPAC1B3.11c	0.5832868	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC16E8.09	0.5825475	Novel	NO	NO	YES	NO
SPAC22H10.07	SPAC23C4.08	0.582361	Novel	NO	YES	YES	NO
SPBC23G7.12c	SPAC637.10c	0.5820894	Novel	YES	NO	YES	NO
SPBC21B10.04c	SPAC23C4.08	0.5820023	Novel	NO	NO	YES	NO
SPBC21C3.18	SPCC18B5.11c	0.5818981	Novel	NO	YES	YES	NO
SPAC4F8.07c	SPAC23C4.08	0.581681	Novel	NO	NO	NO	NO
SPCC962.04	SPAC23C4.08	0.5816692	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC23C4.08	0.5815783	Novel	NO	NO	NO	NO
SPAC1805.05	SPAC23C4.12	0.5811024	Novel	NO	YES	YES	NO
SPBC1347.06c	SPAC8F11.07c	0.5809323	Novel	NO	NO	NO	NO
SPAC110.03	SPAC16A10.04	0.580862	Novel	NO	YES	YES	NO
SPBC405.07	SPAC23C4.08	0.5806452	Novel	NO	NO	NO	NO
SPBP4H10.04	SPAC6F6.15	0.5805607	Novel	NO	NO	NO	NO
SPBC119.02	SPAC23C4.08	0.5803932	Novel	NO	NO	NO	NO
SPBC3H7.15	SPBC1347.06c	0.5802615	Novel	NO	YES	YES	NO
SPAC23C4.08	SPCC970.05	0.5802419	Novel	NO	NO	NO	NO
SPAC6F6.07c	SPAC23C4.08	0.5801564	Novel	NO	NO	NO	NO
SPAC26A3.07c	SPAC23C4.08	0.5799514	Novel	NO	NO	NO	NO
SPBC17G9.10	SPAC23C4.08	0.5799514	Novel	NO	NO	NO	NO
SPBC119.08	SPCC1322.08	0.5794465	Novel	YES	YES	YES	NO
SPCC417.06c	SPAC20H4.11c	0.5793343	Novel	NO	NO	NO	NO
SPBC32H8.10	SPBC19F8.07	0.5791029	Novel	NO	YES	YES	YES
SPBC23G7.12c	SPBC646.09c	0.5789895	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC1F7.04	0.5787548	Novel	NO	YES	NO	NO
SPBC21C3.18	SPBC776.12c	0.5784986	Novel	NO	YES	YES	NO
SPBC1685.10	SPAC23C4.08	0.578461	Novel	NO	NO	NO	NO
SPAC1805.15c	SPAC977.10	0.5784156	Novel	NO	NO	NO	YES
SPAC1420.03	SPBC23G7.12c	0.5783645	Novel	YES	NO	YES	NO
SPBC23G7.12c	SPAPB8E5.02c	0.5783645	Novel	NO	NO	YES	NO
SPCC16C4.11	SPCC1840.02c	0.5781437	Novel	NO	NO	NO	NO
SPBC32F12.04	SPCC895.07	0.5781075	Novel	YES	NO	YES	YES
SPAC637.07	SPAC16A10.04	0.5777531	Novel	NO	NO	NO	NO
SPAC23A1.06c	SPBC119.08	0.577647	Novel	YES	YES	YES	NO
SPBC1685.15c	SPAC17H9.09c	0.577536	Novel	NO	NO	NO	YES
SPAC17D4.03c	SPAC4C5.02c	0.5773932	Novel	NO	NO	NO	YES
SPAC4C5.02c	SPAC1B3.11c	0.5772553	Novel	NO	YES	YES	NO
SPCC1259.13	SPBC21C3.18	0.5772511	Novel	YES	YES	YES	NO
SPAC16A10.04	SPBC2F12.13	0.5772318	Novel	NO	NO	NO	NO

SPCC1259.13	SPBC19F8.07	0.5770109	Novel	YES	YES	YES	YES
SPAC17D4.03c	SPAC1B3.11c	0.5768225	Novel	NO	NO	NO	NO
SPAC4D7.05	SPBC23G7.12c	0.5768103	Novel	NO	NO	NO	NO
SPAC22H10.12c	SPAC1B3.11c	0.5765011	Novel	NO	NO	YES	NO
SPCC18B5.03	SPAC2G11.11c	0.5762704	Novel	NO	YES	NO	NO
SPAC24H6.05	SPBC21C3.18	0.5757873	Novel	YES	NO	NO	NO
SPBC3H7.15	SPAC1805.05	0.5754473	Novel	NO	YES	YES	NO
SPAC4A8.05c	SPAC29A4.05	0.5752069	Novel	NO	YES	NO	YES
SPAC16A10.04	SPBC23G7.12c	0.5751953	Novel	NO	NO	NO	NO
SPBC582.03	SPAC2G11.11c	0.5744708	Novel	NO	NO	NO	NO
SPBC119.02	SPBC15D4.14	0.5744382	Novel	NO	NO	NO	NO
SPAC664.11	SPBC646.09c	0.5742675	Novel	NO	NO	NO	NO
SPAC16A10.04	SPCC417.06c	0.5742454	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC18H10.15	0.574059	Novel	NO	YES	YES	NO
SPBC23G7.12c	SPBC409.06	0.5739176	Novel	NO	NO	YES	NO
SPAC17D4.03c	SPAC6F6.15	0.5737421	Novel	NO	NO	NO	NO
SPAPB18E9.04c	SPAC14C4.09	0.5737311	Novel	YES	NO	NO	NO
SPBC12D12.04c	SPBC776.02c	0.5732685	Novel	NO	NO	NO	YES
SPBC23G7.12c	SPAC6G9.08	0.5731783	Novel	NO	NO	YES	NO
SPCC16C4.11	SPBC14F5.08	0.5730843	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBP4H10.04	0.573061	Novel	NO	NO	YES	NO
SPAC17G6.16c	SPCC1739.12	0.5722046	Novel	NO	NO	NO	NO
SPAC824.04	SPCC1739.12	0.5721453	Novel	NO	NO	NO	NO
SPCC1739.12	SPAC4A8.12c	0.5718962	Novel	NO	NO	NO	NO
SPBC119.02	SPAC6F12.15c	0.5714149	Novel	NO	NO	YES	NO
SPBC21C3.18	SPBC4.04c	0.5711497	Novel	YES	YES	NO	NO
SPBC1289.13c	SPAC5H10.13c	0.5707144	Novel	YES	YES	YES	NO
SPCC1739.12	SPBC25B2.05	0.5705431	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC2C4.14c	0.5705241	Novel	NO	YES	YES	NO
SPAC2G11.11c	SPAC23C11.11	0.5700274	Novel	YES	YES	NO	NO
SPAC1805.05	SPAC8F11.07c	0.5695465	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC11B10.09	0.5692968	Novel	NO	YES	YES	YES
SPAC17C9.13c	SPCC1739.12	0.5688941	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC11E3.09	0.568854	Novel	YES	NO	NO	YES
SPBC12D12.07c	SPBC17A3.07	0.5688478	Novel	YES	NO	NO	NO
SPCC1739.12	SPAC6F12.15c	0.5677957	Novel	NO	YES	NO	NO
SPBC32F12.06	SPBC18H10.15	0.5677234	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC18H10.15	0.5675704	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC25D12.03c	0.567246	Novel	NO	YES	NO	NO
SPCC1739.12	SPCC622.09	0.5668911	Novel	NO	NO	NO	YES
SPBC21C3.18	SPBC216.05	0.5668151	Novel	NO	YES	NO	NO
SPBC21C3.18	SPAPB1E7.02c	0.5666044	Novel	NO	NO	NO	NO
SPBC216.06c	SPBC21C3.18	0.5661944	Novel	NO	NO	NO	NO
SPAC17D4.02	SPBC21C3.18	0.5661846	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC29A10.15	0.566155	Novel	NO	YES	NO	NO
SPBC21C3.18	SPAC23C4.18c	0.5659933	Novel	NO	NO	NO	NO
SPAC1952.05	SPBC15D4.14	0.5657977	Novel	NO	NO	NO	NO

SPAC16A10.04	SPBC1685.15c	0.565125	Novel	NO	NO	NO	NO
SPBP35G2.05c	SPAC8F11.07c	0.564839	Novel	NO	NO	NO	NO
SPBC21C3.18	SPAC2G11.12	0.5645121	Novel	NO	YES	NO	NO
SPBP4H10.04	SPBC1703.10	0.5643233	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC26H8.05c	0.5641744	Novel	NO	NO	YES	NO
SPCC5E4.03c	SPAC11E3.04c	0.5639415	Novel	NO	YES	NO	NO
SPAC144.13c	SPAC644.06c	0.5638533	Novel	NO	NO	YES	YES
SPAC110.03	SPBC16C6.07c	0.5633286	Novel	NO	NO	NO	NO
SPAC24H6.05	SPACUNK12.02c	0.5632582	Novel	NO	NO	YES	NO
SPAC1F5.09c	SPAC2C4.14c	0.563122	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC20H4.11c	0.5630671	Novel	NO	NO	NO	NO
SPAC1A6.03c	SPAC23H3.13c	0.5626302	Novel	NO	NO	NO	NO
SPAC57A10.02	SPAC144.13c	0.562625	Novel	NO	NO	NO	YES
SPAC2G11.11c	SPAC644.12	0.5620712	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC211.04c	0.5613137	Novel	NO	YES	NO	NO
SPAC2G11.11c	SPAC8E11.02c	0.5612806	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPBC14F5.12c	0.561217	Novel	YES	NO	YES	NO
SPCC16C4.11	SPBC409.07c	0.5608118	Novel	NO	YES	YES	NO
SPBC21C3.18	SPCC16A11.17	0.5606284	Novel	NO	YES	NO	NO
SPAC17D4.03c	SPBC1703.10	0.560583	Novel	YES	NO	NO	NO
SPAC22E12.14c	SPAC23C11.16	0.5605292	Novel	NO	YES	YES	NO
SPAC821.12	SPBC106.10	0.5594456	Novel	NO	YES	YES	NO
SPBC409.04c	SPCC31H12.05c	0.5591309	Novel	NO	NO	NO	NO
SPAC23E2.01	SPAC630.14c	0.5590958	Novel	NO	YES	NO	YES
SPCC297.03	SPBC119.08	0.5590575	Novel	YES	YES	YES	NO
SPCC18B5.03	SPBC119.08	0.5589836	Novel	NO	YES	NO	NO
SPAC23A1.06c	SPAC8E11.02c	0.558689	Novel	YES	YES	NO	YES
SPBC16C6.07c	SPAC3G6.02	0.5586102	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC9G1.09	0.5585727	Novel	NO	YES	NO	NO
SPBC119.08	SPBC1604.14c	0.5585068	Novel	YES	YES	YES	YES
SPAC16A10.04	SPBC3F6.03	0.5582221	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBP4H10.04	0.5574243	Novel	NO	YES	YES	YES
SPAC16.01	SPCC417.06c	0.5572348	Novel	NO	NO	NO	NO
SPBC839.07	SPBC21C3.18	0.5571634	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC1347.10	0.5571556	Novel	YES	NO	NO	NO
SPAC24B11.06c	SPBC18H10.15	0.557152	Novel	NO	YES	YES	NO
SPBC3F6.05	SPAC1006.06	0.5571355	Novel	NO	NO	YES	YES
SPAC24H6.06	SPBC21C3.18	0.5571123	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC16A3.11	0.5571012	Novel	NO	NO	NO	NO
SPAC19G12.14	SPAC1006.06	0.5570269	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC24H6.09	0.5569986	Novel	NO	NO	YES	NO
SPBC21C3.18	SPAC664.01c	0.5569185	Novel	NO	NO	NO	NO
SPCC1753.02c	SPAC1A6.03c	0.5567678	Novel	NO	NO	NO	NO
SPBC21C3.18	SPBC725.13c	0.5567668	Novel	NO	NO	NO	NO
SPBC21C3.18	SPAC17G8.13c	0.5567639	Novel	NO	NO	NO	NO
SPBC21C3.18	SPAC8F11.07c	0.5565479	Novel	NO	NO	NO	NO
SPBC21C3.18	SPCC338.17c	0.556478	Novel	NO	NO	NO	NO

SPAC11E3.04c	SPAC20H4.11c	0.5560409	Novel	NO	NO	NO	NO
SPAC19E9.03	SPBC19F8.07	0.5560094	Novel	NO	NO	NO	YES
SPBC19G7.05c	SPCC417.06c	0.5555807	Novel	NO	NO	NO	NO
SPAC4C5.04	SPBC1347.06c	0.5554986	Novel	NO	NO	NO	NO
SPCC417.06c	SPBC244.01c	0.5554776	Novel	YES	NO	NO	NO
SPCC417.06c	SPAC1782.09c	0.5554038	Novel	YES	NO	NO	NO
SPCC417.06c	SPAC6F6.08c	0.5553542	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC664.07c	0.5550992	Novel	NO	NO	NO	NO
SPAC19E9.02	SPBC19F8.07	0.5547698	Novel	NO	YES	YES	YES
SPAC57A10.02	SPBC19F8.07	0.5547519	Novel	NO	YES	YES	YES
SPAC24H6.05	SPBC119.08	0.5545626	Novel	YES	YES	NO	NO
SPAC17C9.13c	SPAC22H10.04	0.5543267	Novel	NO	NO	NO	NO
SPCC417.06c	SPBP4H10.04	0.5542201	Novel	NO	NO	YES	NO
SPAC644.06c	SPBC19F8.07	0.5542054	Novel	YES	YES	YES	YES
SPBC13G1.11	SPAC6F6.15	0.5537804	Novel	NO	NO	NO	NO
SPAC664.11	SPAC3C7.11c	0.5532926	Novel	NO	YES	NO	NO
SPBC16H5.11c	SPBC19F8.07	0.553206	Novel	NO	NO	NO	YES
SPAC2G11.12	SPBC11B10.10c	0.5525713	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPBC11B10.10c	0.5524824	Novel	NO	NO	NO	NO
SPBC12D12.01	SPAC3A12.14	0.5524713	Novel	YES	YES	YES	NO
SPAC110.03	SPAC2C4.14c	0.5522697	Novel	YES	NO	NO	NO
SPCC417.06c	SPAC664.07c	0.5521514	Novel	NO	NO	NO	NO
SPAC22H10.04	SPAC4A8.12c	0.5510849	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPCC417.06c	0.551071	Novel	YES	YES	YES	NO
SPCC645.05c	SPCC417.06c	0.5510417	Novel	NO	YES	NO	NO
SPAC6F12.15c	SPAC11E3.04c	0.5508513	Novel	NO	YES	YES	NO
SPAC16A10.04	SPAC22H10.07	0.5508157	Novel	NO	NO	YES	NO
SPBC11B10.09	SPCC18B5.11c	0.5507023	Novel	NO	YES	YES	YES
SPCC417.06c	SPAC9G1.09	0.55064	Novel	YES	YES	YES	NO
SPAC16A10.04	SPAC7D4.07c	0.5505305	Novel	NO	NO	NO	NO
SPAC11E3.04c	SPBC15D4.14	0.5503129	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC21B10.04c	0.5502322	Novel	NO	NO	YES	NO
SPCC970.04c	SPBP4H10.04	0.5501581	Novel	YES	NO	YES	YES
SPAC16A10.04	SPCC962.04	0.5501208	Novel	NO	NO	NO	NO
SPAC17G6.16c	SPAC22H10.04	0.5501154	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC6F6.07c	0.5500659	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC4F8.07c	0.5500598	Novel	NO	NO	NO	NO
SPBC21.06c	SPCC417.06c	0.5500313	Novel	YES	YES	YES	NO
SPCC417.06c	SPBC1718.07c	0.5500032	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC776.02c	0.5499492	Novel	NO	NO	NO	YES
SPAC22H10.04	SPAC824.04	0.5499051	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC644.12	0.5497229	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBP4H10.04	0.5496616	Novel	NO	NO	NO	YES
SPBC12D12.08c	SPBC337.08c	0.5494701	Novel	NO	YES	NO	NO
SPCC417.06c	SPCC1739.11c	0.5494547	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC6B1.07	0.5493513	Novel	NO	NO	NO	NO
SPAC821.09	SPCC417.06c	0.5491964	Novel	NO	NO	NO	NO

SPCC417.06c	SPAC6F12.12	0.5491654	Novel	NO	NO	NO	NO
SPCC417.06c	SPCC188.02	0.5490853	Novel	NO	NO	NO	NO
SPCC16C4.07	SPCC417.06c	0.5490805	Novel	NO	NO	NO	NO
SPCC417.06c	SPAPYUG7.03c	0.5490764	Novel	NO	NO	NO	NO
SPCC417.06c	SPBC4C3.12	0.549076	Novel	NO	NO	NO	NO
SPCC417.06c	SPBC16A3.01	0.5490716	Novel	NO	NO	NO	NO
SPBC428.13c	SPCC417.06c	0.5490373	Novel	YES	NO	NO	NO
SPCC417.06c	SPAC9G1.11c	0.5490122	Novel	NO	NO	NO	NO
SPCC417.06c	SPCC970.09	0.5490093	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC6G10.12c	0.5489983	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC1006.08	0.5489603	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC14C4.09	0.5488175	Novel	NO	NO	NO	NO
SPCC417.06c	SPBC24C6.07	0.5488052	Novel	YES	NO	NO	NO
SPAC31G5.09c	SPBC19F8.07	0.5487951	Novel	NO	YES	YES	NO
SPBC216.07c	SPAC821.08c	0.5487305	Novel	NO	YES	NO	YES
SPAC16A10.04	SPBC17G9.10	0.5487027	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC26A3.07c	0.5487027	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC119.02	0.5486583	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPBC1604.14c	0.5486319	Novel	NO	YES	YES	YES
SPBC543.07	SPBC1D7.05	0.5486056	Novel	YES	YES	YES	NO
SPCC970.04c	SPCC417.06c	0.5485987	Novel	NO	NO	YES	NO
SPBC32F12.09	SPCC417.06c	0.5485802	Novel	NO	NO	YES	NO
SPAC16A10.04	SPCC970.05	0.5485054	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC405.07	0.5485054	Novel	NO	NO	NO	NO
SPAC823.15	SPAC3F10.02c	0.5484059	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC1685.10	0.547894	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC9G1.09	0.5477889	Novel	NO	YES	YES	NO
SPBC1198.12	SPAC644.06c	0.547424	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC25B2.05	0.5472358	Novel	NO	NO	NO	NO
SPCC970.04c	SPAC222.10c	0.5471139	Novel	NO	YES	NO	YES
SPAC57A7.08	SPBC776.02c	0.5470845	Novel	YES	YES	YES	NO
SPAC22H10.04	SPAC6F12.15c	0.5470348	Novel	NO	NO	NO	NO
SPCC970.04c	SPCC1739.11c	0.5470305	Novel	YES	YES	NO	YES
SPCC970.04c	SPCC188.02	0.5469607	Novel	YES	NO	NO	YES
SPCC970.04c	SPAC6G10.12c	0.5466667	Novel	YES	NO	NO	YES
SPCC16C4.07	SPCC970.04c	0.5466503	Novel	YES	NO	NO	YES
SPCC970.04c	SPAC1782.09c	0.5465723	Novel	YES	YES	NO	YES
SPCC970.04c	SPAC6F6.08c	0.546381	Novel	NO	YES	NO	YES
SPCC970.04c	SPAC1565.06c	0.5462942	Novel	NO	YES	NO	YES
SPCC970.04c	SPAC3A12.14	0.5462935	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC110.03	0.5462673	Novel	NO	NO	NO	NO
SPBC342.05	SPBC11B10.10c	0.5461306	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC6F6.08c	0.5460689	Novel	NO	YES	NO	YES
SPAC24B11.11c	SPAC823.15	0.5459594	Novel	NO	NO	NO	YES
SPAC644.14c	SPBC11B10.10c	0.5459386	Novel	NO	NO	NO	NO
SPCC622.08c	SPBC11B10.10c	0.545878	Novel	YES	YES	YES	NO
SPAC19G12.06c	SPBC11B10.10c	0.5458764	Novel	YES	YES	YES	NO

SPAC30D11.10	SPBC11B10.10c	0.545848	Novel	NO	NO	NO	NO
SPBC12D12.04c	SPCC31H12.05c	0.5458355	Novel	NO	NO	NO	NO
SPBC119.08	SPAC2C4.14c	0.5455585	Novel	YES	YES	YES	NO
SPBC19F8.07	SPAC821.08c	0.5455386	Novel	NO	NO	NO	YES
SPAC57A7.08	SPCC31H12.05c	0.5454062	Novel	NO	YES	NO	NO
SPBC16A3.15c	SPBC800.05c	0.5449328	Novel	YES	YES	YES	YES
SPAC1F5.09c	SPBC19F8.07	0.5446536	Novel	NO	YES	YES	NO
SPBC18H10.15	SPBC19F8.07	0.5445877	Novel	NO	YES	YES	NO
SPAC57A10.02	SPBC1198.12	0.5440292	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC18B5.11c	0.5440154	Novel	NO	YES	YES	NO
SPCC576.15c	SPAC1B9.02c	0.5439355	Novel	NO	YES	YES	NO
SPAC22H10.04	SPCC622.09	0.5436786	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC2C4.14c	0.5429792	Novel	NO	NO	NO	NO
SPAC23C11.16	SPBC19F8.07	0.5428931	Novel	YES	YES	YES	YES
SPAC9G1.09	SPBC18H10.15	0.542876	Novel	NO	YES	YES	NO
SPAC1F7.04	SPAC1250.03	0.5427917	Novel	NO	NO	NO	NO
SPAC24H6.05	SPCC320.13c	0.5424559	Novel	NO	YES	NO	YES
SPAC20H4.11c	SPAC18B11.07c	0.5423154	Novel	NO	NO	NO	NO
SPAC3A12.14	SPBC32H8.12c	0.5418346	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC589.02c	0.5417769	Novel	NO	NO	NO	NO
SPAC1805.05	SPAC4C5.04	0.5414931	Novel	NO	NO	NO	NO
SPCC1259.13	SPBC11B10.10c	0.5409908	Novel	NO	NO	NO	NO
SPBC776.02c	SPBC19F8.07	0.5407694	Novel	YES	NO	NO	YES
SPAC110.03	SPCC417.06c	0.5405341	Novel	NO	NO	NO	NO
SPBC582.03	SPCC18B5.03	0.5403772	Novel	NO	YES	YES	YES
SPBC11B10.09	SPAC2F3.15	0.5402765	Novel	NO	YES	NO	YES
SPAC694.06c	SPBC11B10.10c	0.5398092	Novel	NO	YES	NO	NO
SPBC649.05	SPBC19F8.07	0.5397454	Novel	NO	NO	NO	YES
SPCC1183.05c	SPBC11B10.10c	0.5396629	Novel	NO	NO	NO	NO
SPAC22E12.07	SPBC11B10.10c	0.539653	Novel	NO	NO	NO	NO
SPBC119.08	SPAC29A4.16	0.5395554	Novel	NO	YES	YES	NO
SPAC57A7.08	SPAC17C9.13c	0.5394929	Novel	NO	NO	NO	NO
SPCC126.02c	SPBC11B10.10c	0.5394289	Novel	NO	NO	NO	NO
SPAC13C5.07	SPBC11B10.10c	0.539411	Novel	NO	NO	NO	NO
SPBC19C7.03	SPCC24B10.07	0.5390947	Novel	NO	YES	NO	NO
SPAC18G6.03	SPBC13G1.11	0.5390666	Novel	NO	NO	YES	YES
SPAC144.13c	SPBC19F8.07	0.539059	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPAC9G1.09	0.5381604	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC20G4.04c	0.5372912	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC24B11.06c	0.5366898	Novel	NO	YES	YES	YES
SPAC11E3.09	SPBC19F8.07	0.5365261	Novel	YES	NO	NO	YES
SPAC23H3.04	SPCC18B5.11c	0.5361153	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22A12.07c	0.5360258	Novel	YES	NO	NO	NO
SPBC26H8.05c	SPBC119.08	0.5357463	Novel	NO	NO	NO	NO
SPBC11B10.09	SPCC320.13c	0.5347401	Novel	NO	YES	NO	YES
SPBC543.07	SPBC11B10.09	0.5343713	Novel	NO	YES	YES	NO
SPCC364.02c	SPAC29A4.18	0.5343264	Novel	NO	NO	NO	NO

SPBC14C8.06	SPBC1347.12	0.5340627	Novel	NO	NO	NO	NO
SPBC1685.15c	SPBC1604.14c	0.5340596	Novel	NO	YES	NO	YES
SPAC1D4.13	SPAC16.01	0.5338462	Novel	NO	YES	NO	NO
SPBC336.12c	SPBC19F8.07	0.5337694	Novel	YES	NO	NO	YES
SPBC56F2.07c	SPCC5E4.04	0.5331045	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC6F12.15c	0.5329847	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC23C11.16	0.5328623	Novel	NO	YES	YES	NO
SPAC16.01	SPAC2C4.14c	0.5326495	Novel	YES	NO	NO	NO
SPCC16C4.11	SPBC543.07	0.5325495	Novel	NO	YES	YES	NO
SPAC20H4.11c	SPAC2C4.14c	0.5324421	Novel	YES	NO	NO	NO
SPBC11B10.09	SPBC725.16	0.532281	Novel	NO	NO	YES	YES
SPBC405.04c	SPAC22H10.12c	0.5320793	Novel	NO	NO	YES	NO
SPCC16C4.11	SPAC23C4.19	0.531633	Novel	NO	YES	NO	NO
SPAC3G9.07c	SPBC1105.17	0.5315042	Novel	NO	NO	YES	NO
SPBC11B10.09	SPAC29A4.16	0.5314122	Novel	NO	YES	YES	YES
SPBC24C6.07	SPBC19F8.07	0.5314021	Novel	NO	NO	NO	NO
SPAC16.01	SPAC11E3.04c	0.5307294	Novel	NO	YES	NO	NO
SPAC24H6.05	SPBC582.03	0.5303443	Novel	NO	YES	YES	YES
SPCC1259.13	SPAC23H3.04	0.5300604	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC25B2.05	0.5297379	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC26H8.10	0.5293367	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPBC887.04c	0.5288951	Novel	NO	NO	NO	NO
SPAC17G6.16c	SPAC57A7.08	0.5287351	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC23H3.04	0.5286882	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC14C4.13	0.5286532	Novel	NO	NO	NO	NO
SPCC23B6.03c	SPAC23H3.04	0.5286329	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC216.05	0.5285915	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13C5.07	0.5285904	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16A10.07c	0.5285065	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC1739.12	0.5284594	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC9G1.09	0.5283318	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC4A8.12c	0.5281807	Novel	YES	NO	NO	NO
SPAC22F3.09c	SPBC19F8.07	0.5281685	Novel	YES	NO	NO	YES
SPAC821.04c	SPBC19F8.07	0.5280225	Novel	YES	YES	NO	YES
SPBC56F2.07c	SPAC343.09	0.5279744	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC2C4.14c	0.527972	Novel	NO	YES	NO	NO
SPBC56F2.07c	SPAC2C4.15c	0.527935	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPBC14C8.01c	0.5278885	Novel	NO	NO	NO	NO
SPBC409.04c	SPBC776.02c	0.5278409	Novel	YES	NO	NO	YES
SPCC1739.11c	SPBC19F8.07	0.5277439	Novel	YES	NO	NO	YES
SPBC336.04	SPBC19F8.07	0.5274637	Novel	NO	NO	NO	YES
SPBC21.06c	SPAC23H3.04	0.5274624	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC1604.14c	0.5271915	Novel	NO	YES	YES	NO
SPCC297.03	SPBC11B10.09	0.5271745	Novel	NO	YES	YES	YES
SPBC29A10.15	SPBC19F8.07	0.5271379	Novel	NO	YES	NO	YES
SPAC57A7.08	SPAC824.04	0.5267982	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC644.04	0.5265983	Novel	NO	YES	NO	NO

SPCC31H12.05c	SPBC19F8.07	0.5265698	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1718.07c	0.5265259	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP4H10.04	0.5264822	Novel	NO	NO	NO	NO
SPBC119.08	SPBC29B5.01	0.5263585	Novel	NO	YES	NO	NO
SPBC1685.15c	SPBC28F2.06c	0.5261438	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC1952.07	0.526031	Novel	NO	NO	NO	NO
SPCC645.05c	SPAC23H3.04	0.5258267	Novel	NO	NO	NO	NO
SPCC16C4.07	SPAC23H3.04	0.525654	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC970.09	0.5256468	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.12	0.5256432	Novel	NO	NO	NO	NO
SPBC32H8.10	SPBC18H10.15	0.5256103	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC1782.09c	0.5256094	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.01	0.5255782	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPAC23H3.04	0.5255739	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC6G10.12c	0.5255706	Novel	NO	NO	NO	NO
SPAC821.09	SPAC23H3.04	0.5255558	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.11c	0.5255302	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.02	0.5254691	Novel	NO	NO	NO	NO
SPBC36.05c	SPAC23D3.09	0.5254277	Novel	YES	NO	YES	NO
SPAC23H3.04	SPAPYUG7.03c	0.5253993	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC14C4.09	0.5253805	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F7.04	0.5253731	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC11B10.09	0.5253628	Novel	NO	YES	NO	NO
SPBC428.13c	SPAC23H3.04	0.5253263	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1006.08	0.525325	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC244.01c	0.5253126	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9G1.11c	0.5252987	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4C3.12	0.5252712	Novel	NO	NO	NO	NO
SPCC970.04c	SPAC23H3.04	0.5252537	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC24C6.07	0.5252246	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C4.08	0.5251806	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB1E7.09	0.5251617	Novel	YES	NO	NO	NO
SPBC32F12.09	SPAC23H3.04	0.5251468	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC23H3.04	0.5251136	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20H4.11c	0.5251093	Novel	YES	NO	NO	NO
SPCC970.07c	SPAC11G7.04	0.5251067	Novel	NO	NO	NO	NO
SPAC1805.12c	SPCC970.07c	0.5251067	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.08c	0.525096	Novel	NO	NO	NO	NO
SPBC3E7.08c	SPAC821.08c	0.5246783	Novel	NO	NO	NO	YES
SPAC57A7.08	SPCC622.09	0.5245892	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC22H10.07	0.5245699	Novel	NO	YES	NO	YES
SPAC23A1.06c	SPAC17A2.13c	0.5243357	Novel	NO	YES	NO	YES
SPBC16C6.09	SPAC23H3.04	0.5242011	Novel	YES	NO	NO	NO
SPAC16.01	SPAC23H3.04	0.5241032	Novel	NO	NO	NO	NO
SPBC543.07	SPBC776.02c	0.5240203	Novel	YES	NO	NO	YES
SPBC12D12.08c	SPAC23H3.04	0.5239059	Novel	NO	NO	NO	NO
SPAC1805.12c	SPAC17H9.19c	0.5238707	Novel	NO	NO	NO	NO

SPAC17H9.19c	SPAC11G7.04	0.5238707	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC1259.13	0.5238104	Novel	YES	YES	YES	YES
SPCC16C4.11	SPBC18H10.15	0.5234574	Novel	NO	YES	YES	NO
SPAC1805.12c	SPAC17G6.12	0.5230094	Novel	NO	NO	NO	NO
SPAC17G6.12	SPAC11G7.04	0.5230094	Novel	NO	NO	NO	NO
SPAC1805.12c	SPCC11E10.08	0.5230077	Novel	NO	NO	NO	NO
SPAC11G7.04	SPCC11E10.08	0.5230077	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC1198.12	0.5228235	Novel	NO	YES	NO	NO
SPAC23H3.04	SPCC306.04c	0.5228022	Novel	NO	NO	NO	NO
SPAC24H6.03	SPAC11G7.04	0.5227681	Novel	NO	NO	NO	NO
SPAC1805.12c	SPAC24H6.03	0.5227681	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23A1.06c	0.5226466	Novel	NO	NO	NO	NO
SPAC6G9.06c	SPCC1682.04	0.5225448	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8F11.07c	0.5224376	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17H9.19c	0.5224134	Novel	NO	NO	NO	NO
SPAC110.03	SPAC23H3.04	0.5224053	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C2.05	0.5223682	Novel	NO	NO	NO	NO
SPCC1322.12c	SPBC19F8.07	0.5223217	Novel	NO	YES	YES	YES
SPAC23H3.04	SPBC16D10.09	0.5222147	Novel	NO	NO	NO	NO
SPCC1672.10	SPAC23C11.15	0.5220407	Novel	NO	YES	YES	NO
SPCC1672.10	SPAC23H4.12	0.521959	Novel	YES	YES	YES	NO
SPAC31G5.09c	SPAC1D4.06c	0.5217203	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC23H3.04	0.5216668	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC644.06c	0.5216556	Novel	YES	YES	YES	YES
SPBC582.03	SPBC16A3.11	0.521554	Novel	NO	YES	NO	YES
SPCC18B5.03	SPAC23H3.04	0.521313	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBC119.08	0.5213114	Novel	NO	YES	YES	NO
SPCC736.14	SPBC26H8.07c	0.5212694	Novel	NO	NO	NO	YES
SPCC1672.10	SPBC36.05c	0.5211162	Novel	YES	YES	YES	NO
SPBC19C7.03	SPBC119.08	0.5208174	Novel	NO	YES	NO	NO
SPBC887.10	SPBC19F8.07	0.5207238	Novel	YES	NO	NO	YES
SPAC24B11.11c	SPCC31H12.05c	0.5206944	Novel	NO	NO	NO	NO
SPCC1322.08	SPBC19F8.07	0.5205837	Novel	YES	YES	YES	YES
SPAC23H3.04	SPBC11B10.09	0.5203586	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC821.04c	0.5200598	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.02c	0.5200077	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC338.16	0.5197989	Novel	NO	NO	NO	NO
SPCC553.07c	SPAC23H3.04	0.5197818	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC126.02c	0.5197634	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC144.13c	0.5197254	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20G8.01	0.51967	Novel	NO	NO	NO	NO
SPBC13G1.11	SPBC1703.10	0.5196629	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC9E9.08	0.5196288	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC29A10.15	0.5196069	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC970.01	0.5195945	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1703.14c	0.5195532	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC215.03c	0.5195289	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC342.05	0.519517	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1921.05	0.5194722	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26A3.02	0.51943	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC685.09	0.5194261	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17D11.06	0.5193691	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC644.14c	0.5193081	Novel	NO	NO	NO	NO
SPAC821.06	SPAC23H3.04	0.5192116	Novel	NO	NO	NO	NO
SPAC2G11.11c	SPAC17A2.13c	0.5189869	Novel	NO	NO	NO	NO
SPBC1711.05	SPAC12G12.13c	0.5188527	Novel	YES	NO	NO	NO
SPAC31G5.09c	SPAC23C4.08	0.5187639	Novel	NO	NO	NO	NO
SPAC821.12	SPAC23H3.04	0.518733	Novel	NO	NO	NO	NO
SPCC645.05c	SPAC27F1.02c	0.5186688	Novel	YES	YES	YES	YES
SPBC1105.17	SPAC29A4.18	0.5184803	Novel	NO	YES	NO	NO
SPAC23H3.04	SPCC320.13c	0.5184168	Novel	NO	NO	NO	NO
SPBC582.03	SPAC19E9.03	0.5182869	Novel	NO	YES	YES	YES
SPBC342.05	SPBC19F8.07	0.5180868	Novel	NO	NO	NO	YES
SPBC1685.15c	SPAC17H9.17c	0.5180418	Novel	NO	NO	NO	YES
SPAC23D3.09	SPAC1805.07c	0.5176967	Novel	NO	NO	NO	NO
SPCC16C4.11	SPCC330.10	0.5176128	Novel	NO	NO	NO	NO
SPAC821.12	SPBC21.06c	0.5173282	Novel	NO	YES	YES	YES
SPAC16.01	SPAC18B11.07c	0.5172861	Novel	NO	NO	NO	NO
SPAC13D6.04c	SPAC23H3.04	0.5172708	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1322.08	0.5172427	Novel	NO	NO	NO	NO
SPBC685.09	SPBC19F8.07	0.5172272	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPAC823.15	0.5171369	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1556.01c	0.5171041	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19F8.07	0.5170697	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1687.05	0.517025	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPCC1753.02c	0.5169248	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC543.03c	0.5169125	Novel	NO	NO	NO	NO
SPAC22F3.09c	SPAC821.08c	0.5168871	Novel	NO	YES	NO	YES
SPBC32F12.09	SPAC821.08c	0.5168807	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC25B2.06c	0.5168685	Novel	NO	NO	YES	NO
SPCC330.11	SPAC23H3.04	0.5168315	Novel	NO	NO	NO	NO
SPAC17G8.03c	SPAC23H3.04	0.5167662	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22A12.03c	0.5167598	Novel	NO	NO	NO	NO
SPBC29A3.14c	SPAC23H3.04	0.5167229	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1494.05c	0.5167133	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17D11.01	0.5166412	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C2.09	0.5166377	Novel	NO	NO	NO	NO
SPBC19C2.01	SPAC644.12	0.5165845	Novel	YES	NO	YES	NO
SPAC23H3.04	SPBC1198.12	0.5165739	Novel	NO	NO	NO	NO
SPAC1952.07	SPAC821.08c	0.5165105	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC23C4.18c	0.5163894	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC14C4.03	0.5163128	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPBC18H10.15	0.5163023	Novel	NO	NO	NO	NO
SPCC576.17c	SPCC794.03	0.5162942	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC17F3.02	0.5162057	Novel	NO	NO	NO	NO
SPAC1687.13c	SPAC23H3.04	0.5162047	Novel	NO	NO	NO	NO
SPAC1834.03c	SPAC23D3.09	0.5161627	Novel	NO	NO	NO	NO
SPBC1105.12	SPAC23D3.09	0.5161627	Novel	NO	NO	NO	NO
SPBC8D2.03c	SPAC23D3.09	0.5161627	Novel	NO	NO	NO	NO
SPAC227.16c	SPAC23H3.04	0.5161539	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC23H3.04	0.516105	Novel	NO	NO	NO	NO
SPBC16E9.10c	SPCC5E4.04	0.516063	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC2C4.14c	0.516041	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC119.02	0.5159515	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC23H3.04	0.5159385	Novel	NO	NO	NO	NO
SPAC21E11.03c	SPAC23H3.04	0.5159073	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC24B10.07	0.5157775	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H4.17c	0.5157008	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC622.08c	0.5156783	Novel	NO	NO	NO	NO
SPAC19G12.06c	SPAC23H3.04	0.5156716	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC2F3.15	0.5156471	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC21E11.03c	0.5155702	Novel	NO	NO	YES	YES
SPAC9G1.09	SPBC1D7.05	0.5155593	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC8E11.03c	0.515407	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H4.18c	0.5154003	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC776.02c	0.5153615	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC1F3.02c	0.5153358	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC823.15	0.5152445	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC106.10	0.5151222	Novel	NO	NO	NO	NO
SPAC9E9.13	SPBC19F8.07	0.5149132	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC16H5.07c	0.5146939	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC31H12.05c	0.514684	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1D7.04	0.51466	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC23H3.04	0.5145802	Novel	NO	NO	NO	NO
SPBC1198.12	SPCC5E4.04	0.5145747	Novel	YES	YES	NO	YES
SPAC23H3.04	SPAC4F10.11	0.5145539	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1D7.05	0.514431	Novel	YES	NO	NO	NO
SPAC27D7.13c	SPAC23H3.04	0.5143958	Novel	NO	NO	NO	NO
SPCC1795.11	SPBC19F8.07	0.514361	Novel	YES	YES	NO	YES
SPAC57A7.04c	SPAC23H3.04	0.5143039	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC119.08	0.5141958	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19D5.04	0.5141661	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPAC23H3.04	0.5141301	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1610.03c	0.514124	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1687.15	0.5141142	Novel	NO	NO	NO	NO
SPBC543.07	SPAC23H3.04	0.5141097	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.14	0.5140991	Novel	NO	NO	NO	NO
SPBC32F12.09	SPBC19F8.07	0.514083	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC3C7.08c	0.5140828	Novel	NO	NO	NO	NO
SPAC3C7.12	SPAC23H3.04	0.5140744	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.12	0.5140382	Novel	NO	NO	NO	NO

SPAC3G9.12	SPAC23H3.04	0.5140224	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F5.09c	0.5139932	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC23H3.04	0.5139815	Novel	NO	NO	NO	NO
SPCC576.15c	SPAC23H3.04	0.5139798	Novel	NO	NO	NO	NO
SPAC1D4.13	SPBC19F8.07	0.5139004	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC18G6.02c	0.5138833	Novel	NO	NO	NO	NO
SPBC660.14	SPAC23H3.04	0.5138525	Novel	NO	NO	NO	NO
SPAC17G6.14c	SPAC23H3.04	0.5137853	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC216.02	0.5137757	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC337.08c	0.51377	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPAC23H3.04	0.5137062	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC736.11	0.5136819	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1604.14c	0.5136431	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAP27G11.10c	0.5136318	Novel	NO	NO	NO	NO
SPBC19F8.07	SPBC14C8.07c	0.513611	Novel	NO	YES	NO	YES
SPCC5E4.03c	SPAC23H3.04	0.5134651	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC821.08c	0.5134328	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17A5.11	0.5134145	Novel	NO	NO	NO	NO
SPBC337.08c	SPAC11G7.04	0.5133824	Novel	NO	NO	YES	YES
SPAC1805.12c	SPBC337.08c	0.5133824	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC1921.03c	0.5133449	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPCC1682.16	0.5133062	Novel	NO	NO	YES	NO
SPAC926.04c	SPBC19F8.07	0.5132958	Novel	YES	YES	NO	YES
SPBC119.08	SPCC5E4.04	0.5132787	Novel	YES	YES	NO	NO
SPAC23H3.04	SPAC2F3.15	0.5131468	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC74.03c	0.5131059	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC11E3.04c	0.5130857	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC23H3.04	0.5129815	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC32H8.10	0.5128588	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1687.01	0.5127665	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19E9.02	0.5126261	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC18B11.07c	0.5126187	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC16H5.07c	0.5124997	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC644.06c	0.512476	Novel	NO	NO	NO	NO
SPAC22E12.07	SPAC20G8.08c	0.5124589	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1919.10c	0.512384	Novel	NO	NO	NO	NO
SPBC582.03	SPBC2F12.11c	0.5123326	Novel	NO	NO	NO	YES
SPAC29A4.02c	SPBC19F8.07	0.5123174	Novel	NO	NO	NO	YES
SPBC12D12.07c	SPAC1F7.04	0.5122683	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC23H3.04	0.5121288	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC622.09	0.5120937	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C11.16	0.5120797	Novel	NO	NO	NO	NO
SPAC4D7.05	SPBC19F8.07	0.5119823	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC146.13c	0.5119328	Novel	NO	NO	NO	NO
SPCC777.14	SPAC23H3.04	0.5119208	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C11.11	0.5118306	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3G6.02	0.5118255	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC19D5.03	0.5118166	Novel	NO	NO	NO	NO
SPAC57A10.02	SPAC23H3.04	0.5118061	Novel	NO	NO	NO	NO
SPBC21C3.18	SPAC23H3.04	0.511802	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C4.12	0.511717	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC12D12.02c	0.5116757	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9E9.07c	0.5116187	Novel	NO	NO	NO	NO
SPCC297.03	SPAC23H3.04	0.5116078	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC417.07c	0.5115045	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4F6.06	0.5114987	Novel	NO	NO	NO	NO
SPAC1D4.11c	SPAC23H3.04	0.5114532	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.09	0.511448	Novel	NO	NO	NO	NO
SPBC354.03	SPAC23H3.04	0.5113739	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC806.08c	0.5113548	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16E8.09	0.5113401	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC12D12.04c	0.5113041	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC776.12c	0.5112858	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H3.05c	0.5112669	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPBC646.09c	0.5112647	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC27E2.05	0.5112429	Novel	NO	NO	NO	NO
SPBC582.03	SPBC18H10.15	0.5112237	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23D3.02	0.5112196	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC428.20c	0.5112043	Novel	NO	NO	NO	NO
SPBC3H7.15	SPAC23H3.04	0.5111983	Novel	NO	NO	NO	NO
SPBC405.04c	SPAC23H3.04	0.511186	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC11G7.04	0.5111598	Novel	NO	NO	NO	NO
SPAC1805.12c	SPAC23H3.04	0.5111598	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G8.14c	0.5111347	Novel	NO	NO	NO	NO
SPBC146.03c	SPBC19F8.07	0.5111087	Novel	YES	YES	NO	YES
SPAC3F10.11c	SPAC23H3.04	0.5110989	Novel	YES	NO	NO	NO
SPCC1753.02c	SPCC24B10.07	0.5110962	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F7.05	0.5110772	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F3.02c	0.5110627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1D4.06c	0.5110406	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.19	0.5110171	Novel	NO	NO	NO	NO
SPBC24C6.07	SPBC18H10.15	0.5110018	Novel	NO	NO	NO	NO
SPBC1198.12	SPCC1795.01c	0.5110017	Novel	NO	YES	NO	YES
SPCC1259.15c	SPAC23H3.04	0.5109991	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC211.06	0.5109774	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPCC576.15c	0.5109374	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC29A4.16	0.5109316	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC594.05c	0.5109121	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC18H10.06c	0.5108982	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3C7.06c	0.5108972	Novel	NO	NO	NO	NO
SPBC16D10.04c	SPAC23H3.04	0.5108634	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC23H3.04	0.5108393	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17H9.10c	0.510822	Novel	NO	NO	NO	NO
SPBC3B9.11c	SPAC23H3.04	0.510805	Novel	NO	NO	NO	NO

SPAC3A11.08	SPAC23H3.04	0.5107818	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1223.06	0.5107653	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3H5.06c	0.5107644	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC365.15	0.5107521	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1450.11c	0.5107442	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC23H4.17c	0.5107135	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC18.11c	0.5107131	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC663.12	0.510702	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC887.14c	0.5105997	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC13G1.08c	0.5105798	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6G10.11c	0.5105389	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC589.10c	0.5105389	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25D12.04	0.510512	Novel	NO	NO	NO	NO
SPAC637.07	SPAC23H3.04	0.5104696	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30D11.13	0.5104694	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13D6.01	0.5104333	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC530.14c	0.5104137	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC227.12	0.5102928	Novel	NO	NO	NO	NO
SPAC222.07c	SPAC23H3.04	0.5102841	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC23H3.04	0.5102353	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9G1.02	0.5101756	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1006.09	0.5101655	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC630.14c	0.5101371	Novel	NO	NO	NO	NO
SPAC6B12.11	SPBC19F8.07	0.5101206	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC4C5.02c	0.5100705	Novel	YES	NO	NO	NO
SPAC17G8.09	SPAC23H3.04	0.5100096	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC140.02	0.5100009	Novel	NO	NO	NO	NO
SPBC1718.01	SPBC19F8.07	0.5099541	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC1565.06c	0.5099475	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPAC23H3.04	0.5098811	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPAC23H3.04	0.5098209	Novel	NO	NO	NO	NO
SPAC18G6.03	SPAC23H3.04	0.5098201	Novel	NO	NO	NO	NO
SPAC1F8.06	SPAC23H3.04	0.5097219	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC31F10.11c	0.5097095	Novel	NO	NO	NO	NO
SPAC29A4.16	SPCC1322.08	0.5096913	Novel	NO	YES	YES	YES
SPAC23H3.04	SPBC32H8.02c	0.5096487	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC12G12.14c	0.5095949	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14C8.07c	0.5095865	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2F7.03c	0.5095673	Novel	NO	NO	NO	NO
SPAC1805.15c	SPAC23H3.04	0.509555	Novel	NO	NO	NO	NO
SPAC2F7.03c	SPBC32C12.03c	0.5095464	Novel	NO	YES	YES	NO
SPAC18B11.10	SPAC23H3.04	0.5095397	Novel	NO	NO	NO	NO
SPAC1687.03c	SPAC23H3.04	0.5095328	Novel	NO	NO	NO	NO
SPAC29A4.18	SPCC970.12	0.5094232	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC11G7.02	0.5094142	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC688.11	0.5093572	Novel	NO	NO	NO	NO
SPBC16G5.15c	SPAC23H3.04	0.5093314	Novel	NO	NO	NO	NO

SPCC970.10c	SPAC23H3.04	0.5093188	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1289.11	0.5093133	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC30D10.10c	0.5093097	Novel	NO	NO	NO	NO
SPBC32F12.05c	SPAC23H3.04	0.5092718	Novel	NO	NO	NO	NO
SPBC216.07c	SPAC23H3.04	0.5092656	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC18H10.03	0.509256	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30D11.07	0.5092484	Novel	NO	NO	NO	NO
SPAC824.04	SPAC23H3.04	0.5092241	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8C9.17c	0.5092126	Novel	NO	NO	NO	NO
SPAC31G5.01	SPAC23H3.04	0.5092008	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F3.05c	0.5091965	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20G4.03c	0.5091884	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC337.06c	0.5091858	Novel	NO	NO	NO	NO
SPAC17G6.16c	SPAC23H3.04	0.5091779	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC27E2.10c	0.5091354	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC10F6.09c	0.5091038	Novel	NO	NO	NO	NO
SPAC4D7.03	SPAC23H3.04	0.5090992	Novel	NO	NO	NO	NO
SPBC19C7.03	SPCC4G3.08	0.5090899	Novel	NO	YES	NO	NO
SPAC22E12.07	SPAC23H3.04	0.5090813	Novel	NO	NO	NO	NO
SPCC162.08c	SPAC23H3.04	0.5090111	Novel	NO	NO	NO	NO
SPAC56F8.16	SPAC23H3.04	0.5090083	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13G7.08c	0.5089867	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1565.04c	0.5089857	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1322.12c	0.5089509	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1289.03c	0.5089477	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC428.08c	0.508933	Novel	NO	NO	NO	NO
SPAC2F7.11	SPAC23H3.04	0.5089084	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC800.05c	0.5088928	Novel	NO	NO	NO	NO
SPAC3A12.13c	SPAC23H3.04	0.5088791	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C4.19	0.5088553	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30.04c	0.5088379	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC2G11.08c	0.5088318	Novel	NO	NO	NO	NO
SPBC2F12.09c	SPAC23H3.04	0.5088309	Novel	NO	NO	NO	NO
SPCC1450.09c	SPAC23H3.13c	0.5088218	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC32H8.07	0.5088195	Novel	NO	NO	NO	NO
SPAC24H6.03	SPAC23H3.04	0.5088149	Novel	NO	NO	NO	NO
SPCC825.03c	SPAC23H3.04	0.5088144	Novel	YES	NO	NO	NO
SPAC17H9.05	SPAC23H3.04	0.5088031	Novel	NO	NO	NO	NO
SPBC336.12c	SPAC2C4.14c	0.5088016	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC26H8.07c	0.5087987	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC57A10.05c	0.5087973	Novel	NO	NO	NO	NO
SPAC6G9.06c	SPAC23H3.04	0.5087958	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC9B6.10	0.5087916	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.15c	0.5087841	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25B2.05	0.5087614	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4A8.12c	0.5087597	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC14C4.02c	0.5087583	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC1604.17c	0.5087553	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29B12.06c	0.5087517	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC15D4.14	0.508742	Novel	NO	NO	NO	NO
SPBC3E7.13c	SPAC23H3.04	0.508742	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9E9.10c	0.508705	Novel	NO	NO	NO	NO
SPBC646.13	SPBC19F8.07	0.5087046	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC27F1.04c	0.5087006	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17D4.03c	0.5086978	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC285.17	0.5086951	Novel	NO	NO	NO	NO
SPBC1718.01	SPAC23H3.04	0.5086946	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC119.04	0.5086891	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1795.11	0.5086867	Novel	NO	NO	NO	NO
SPBC1198.11c	SPAC23H3.04	0.5086813	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPAC23H3.04	0.5086782	Novel	NO	NO	NO	NO
SPBC9B6.05c	SPAC23H3.04	0.5086729	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP22H7.07	0.5086725	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29B12.02c	0.5086697	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4B4.07c	0.5086697	Novel	NO	NO	NO	NO
SPBC31E1.05	SPAC23H3.04	0.5086671	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1183.05c	0.5086613	Novel	NO	NO	NO	NO
SPAC343.03	SPAC23H3.04	0.5086567	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17D11.05	0.5086495	Novel	NO	NO	NO	NO
SPBC1A4.05	SPAC23H3.04	0.5086462	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC664.10	0.5086448	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC144.13c	0.5086316	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC1105.06	0.5086296	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20H4.07	0.5086122	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC338.05c	0.5085821	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC962.06c	0.5085821	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC12G12.13c	0.5085804	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC947.12	0.5085736	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC83.04	0.5085598	Novel	NO	NO	NO	NO
SPAC31G5.13	SPAC23H3.04	0.5085576	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC409.06	0.5085569	Novel	NO	NO	NO	NO
SPBC13G1.11	SPAC23H3.04	0.5085527	Novel	YES	NO	NO	NO
SPAC3A11.14c	SPAC23H3.04	0.5085458	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1604.08c	0.5085419	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14F5.12c	0.5085301	Novel	NO	NO	NO	NO
SPBC23E6.07c	SPAC23H3.04	0.5085262	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.02c	0.5085254	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC23E6.09	0.5085239	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1289.12	0.5085205	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC631.01c	0.5085177	Novel	NO	NO	NO	NO
SPCC16A11.05c	SPBC19F8.07	0.508516	Novel	NO	NO	NO	YES
SPCC1753.02c	SPCC1450.09c	0.5085152	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC146.03c	0.5085149	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9G1.05	0.5085095	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC13E7.02	0.5085022	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBPJ4664.01	0.5085021	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20G4.06c	0.5084999	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G6.12	0.5084963	Novel	NO	NO	NO	NO
SPCC1672.10	SPAC23H3.04	0.5084795	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4F8.13c	0.5084679	Novel	NO	NO	NO	NO
SPBC336.08	SPAC23H3.04	0.5084633	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13F5.02c	0.5084604	Novel	NO	NO	NO	NO
SPBC32F12.08c	SPAC23H3.04	0.5084577	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC458.05	0.5084552	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.02	0.5084541	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC6B1.10	0.5084429	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC83.14c	0.5084401	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC31F10.13c	0.5084305	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC13E7.09	0.50842	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1921.02	0.5084191	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC664.01c	0.5084191	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F3.06c	0.5083822	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC343.04c	0.5083802	Novel	NO	NO	YES	NO
SPBC428.16c	SPAC23H3.04	0.5083798	Novel	NO	NO	NO	NO
SPCC1672.02c	SPAC23H3.04	0.5083773	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17A2.09c	0.5083733	Novel	NO	NO	NO	NO
SPAP8A3.09c	SPAC23H3.04	0.5083723	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC222.10c	0.5083684	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.05c	0.5083681	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC18E5.03c	0.5083652	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11C11.03	0.5083557	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC887.05c	0.5083522	Novel	NO	NO	NO	NO
SPAC19D5.06c	SPAC23H3.04	0.5083501	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC895.07	0.5083355	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC354.05c	0.5083304	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC5E4.06	0.5083255	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPBC1604.14c	0.5083247	Novel	YES	YES	YES	YES
SPAC23H3.04	SPAC458.03	0.5083206	Novel	NO	NO	NO	NO
SPAC22H10.10	SPAC23H3.04	0.5083182	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25D12.03c	0.5083167	Novel	NO	NO	NO	NO
SPBC336.07	SPAC23H3.04	0.5083152	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPBC19F8.07	0.5083148	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC18H10.04c	0.5083121	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19G7.06	0.5083078	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.07	0.5082965	Novel	NO	NO	NO	NO
SPBC16D10.07c	SPAC23H3.04	0.5082941	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19E9.03	0.5082851	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1235.10c	0.5082814	Novel	NO	NO	NO	NO
SPBC21C3.20c	SPAC23H3.04	0.508276	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1751.01c	0.508276	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP23A10.14c	0.5082757	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC29A4.18	0.5082742	Novel	NO	NO	NO	NO
SPBC800.09	SPAC23H3.04	0.5082695	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC736.04c	0.5082677	Novel	YES	NO	NO	NO
SPAC57A7.11	SPAC23H3.04	0.5082655	Novel	NO	NO	NO	NO
SPAC1420.03	SPAC23H3.04	0.5082653	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB8E5.02c	0.5082653	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC887.04c	0.5082627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB17E12.04c	0.5082625	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.02	0.5082579	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC609.02	0.5082521	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.04c	0.5082513	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC83.07	0.5082487	Novel	NO	NO	NO	NO
SPAC22E12.16c	SPAC23H3.04	0.5082448	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC1805.17	0.5082435	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2F12.11c	0.5082388	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.12	0.5082378	Novel	NO	NO	NO	NO
SPAC959.09c	SPAC23H3.04	0.5082318	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6G9.08	0.5082289	Novel	NO	NO	NO	NO
SPBP8B7.14c	SPAC23H3.04	0.5082258	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC29A10.04	0.5082225	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC227.07c	0.5082224	Novel	NO	NO	NO	NO
SPBC3F6.03	SPAC23H3.04	0.5082213	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC31A2.05c	0.5082185	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19G7.16	0.5082144	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC428.01c	0.5082138	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC902.06	0.5082129	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC15D4.10c	0.508209	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28E12.03	0.5082073	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC27.02c	0.5081986	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26F1.10c	0.5081935	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H3.13c	0.5081934	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCPIE11.07c	0.5081908	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6G10.02c	0.5081887	Novel	NO	NO	NO	NO
SPAC15A10.08	SPAC23H3.04	0.5081866	Novel	NO	NO	NO	NO
SPAC18G6.15	SPAC23H3.04	0.5081857	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1347.10	0.5081856	Novel	NO	NO	NO	NO
SPBC582.05c	SPAC23H3.04	0.5081855	Novel	NO	NO	NO	NO
SPCC553.09c	SPAC23H3.04	0.5081834	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25G10.07c	0.5081824	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C11.15	0.5081779	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1834.03c	0.5081734	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.03c	0.5081734	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1105.12	0.5081734	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.08c	0.5081724	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16C4.08c	0.5081672	Novel	NO	NO	NO	NO
SPAC17A5.02c	SPAC23H3.04	0.5081651	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.06c	0.5081642	Novel	NO	NO	NO	NO

SPAC7D4.04	SPAC23H3.04	0.5081604	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC29B5.01	0.5081558	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2D10.12	0.5081555	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.03	0.508152	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21H7.05	0.508152	Novel	NO	NO	NO	NO
SPBC1718.06	SPAC23H3.04	0.5081482	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC25G10.03	0.5081442	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC20F10.04c	0.5081426	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19D5.01	0.5081399	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1105.04c	0.5081392	Novel	NO	NO	NO	NO
SPBC19C7.03	SPAC23H3.04	0.5081371	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC776.18c	0.5081316	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC191.09c	0.5081308	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11C11.04c	0.5081294	Novel	NO	NO	NO	NO
SPAC4H3.05	SPAC23H3.04	0.5081264	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1289.07c	0.508125	Novel	NO	NO	NO	NO
SPAC17H9.20	SPAC23H3.04	0.5081243	Novel	NO	NO	NO	NO
SPAC1783.05	SPAC23H3.04	0.5081219	Novel	NO	NO	NO	NO
SPBP23A10.13	SPAC23H3.04	0.5081205	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19A8.12	0.5081159	Novel	NO	NO	NO	NO
SPBC649.03	SPAC23H3.04	0.508115	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.06c	0.5081091	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC725.16	0.5081051	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC328.03	0.5081032	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC458.07	0.5081028	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC557.03c	0.5080999	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC222.15	0.5080991	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC622.13c	0.508099	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC694.06c	0.5080955	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16C9.06c	0.508092	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC29A3.07c	0.5080911	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC584.04	0.5080894	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4B3.15	0.5080889	Novel	NO	NO	NO	NO
SPAC167.03c	SPAC23H3.04	0.5080881	Novel	NO	NO	NO	NO
SPBC1A4.03c	SPAC23H3.04	0.5080878	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC15F9.02	0.5080877	Novel	NO	NO	NO	NO
SPAC4D7.05	SPAC23H3.04	0.508081	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC15A10.15	0.5080806	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1620.14c	0.5080773	Novel	NO	NO	NO	NO
SPCC757.09c	SPAC23H3.04	0.508077	Novel	NO	NO	NO	NO
SPBC660.07	SPAC23H3.04	0.5080755	Novel	NO	NO	NO	NO
SPAC11E3.09	SPAC23H3.04	0.5080723	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3A11.05c	0.5080719	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC5E4.04	0.5080699	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC343.11c	0.5080696	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3H7.06c	0.508069	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC23G7.12c	0.508069	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC1834.08	0.5080689	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F5.04c	0.5080689	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.10	0.5080686	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC12C2.10c	0.5080645	Novel	NO	NO	NO	NO
SPCC74.06	SPAC23H3.04	0.5080636	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC29A10.05	0.5080575	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3G6.01	0.5080514	Novel	NO	NO	NO	NO
SPAC926.04c	SPAC23H3.04	0.508051	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC146.07	0.5080501	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.09c	0.5080467	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19A8.13	0.5080424	Novel	NO	NO	NO	NO
SPAC890.02c	SPAC23H3.04	0.50804	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1687.20c	0.5080387	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC222.14c	0.5080372	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC3H1.01c	0.5080366	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4G3.05c	0.5080354	Novel	NO	NO	NO	NO
SPBC36.12c	SPAC23H3.04	0.5080348	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1682.04	0.5080331	Novel	NO	NO	NO	NO
SPBC21.05c	SPAC23H3.04	0.5080325	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC144.17c	0.5080319	Novel	NO	NO	NO	NO
SPAC13D6.05	SPAC23H3.04	0.5080319	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30D11.09	0.5080308	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3B8.09	0.5080308	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1093.06c	0.5080294	Novel	NO	NO	NO	NO
SPBP4H10.06c	SPAC23H3.04	0.5080271	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1952.05	0.5080254	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16.02c	0.5080235	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17A5.06	0.5080217	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB1E7.02c	0.5080215	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1682.10	0.5080206	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1851.04c	0.5080204	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC9.03c	0.508019	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC613.12c	0.5080173	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.10	0.5080143	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22A12.15c	0.5080143	Novel	YES	NO	NO	NO
SPBC3F6.05	SPAC23H3.04	0.508009	Novel	NO	NO	NO	NO
SPBC216.06c	SPAC23H3.04	0.5080083	Novel	NO	NO	NO	NO
SPBC1709.15c	SPAC23H3.04	0.5080075	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC31F10.04c	0.5080075	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC947.11c	0.508006	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC36.09	0.5080054	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.06c	0.5080033	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC1B1.01	0.5080025	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F3.13	0.508002	Novel	NO	NO	NO	NO
SPBP19A11.06	SPAC23H3.04	0.5080004	Novel	NO	NO	NO	NO
SPBC336.04	SPAC23H3.04	0.5079998	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC56F8.05c	0.5079993	Novel	YES	NO	YES	NO

SPAC23H3.04	SPAC26A3.16	0.5079973	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC630.13c	0.5079964	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC607.09c	0.5079932	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC23H3.04	0.5079904	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1709.08	0.5079896	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC645.07	0.5079893	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C7.09c	0.5079877	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.12	0.5079863	Novel	YES	NO	NO	NO
SPAC110.02	SPAC23H3.04	0.5079862	Novel	NO	NO	NO	NO
SPBC13G1.13	SPAC23H3.04	0.5079858	Novel	NO	NO	NO	NO
SPAC11H11.06	SPAC23H3.04	0.5079857	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC660.13c	0.5079838	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC26H8.10	0.5079837	Novel	NO	NO	NO	NO
SPBC336.09c	SPAC23H3.04	0.5079813	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.02c	0.5079799	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4H3.11c	0.5079745	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC607.10	0.5079745	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB1A10.04c	0.5079729	Novel	NO	NO	NO	NO
SPBC215.02	SPAC23H3.04	0.5079713	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCPIE11.04c	0.50797	Novel	NO	NO	NO	NO
SPBC14F5.04c	SPAC23H3.04	0.507969	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1565.08	0.5079652	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1281.02c	0.5079636	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F3.09c	0.5079633	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC306.03c	0.5079623	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.13	0.5079618	Novel	NO	NO	NO	NO
SPBC839.10	SPAC23H3.04	0.5079617	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.13c	0.5079562	Novel	NO	NO	NO	NO
SPCC188.08c	SPAC23H3.04	0.5079561	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4F8.12c	0.5079555	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC336.12c	0.5079536	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC364.02c	0.5079534	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1682.02c	0.5079521	Novel	NO	NO	NO	NO
SPAC18G6.11c	SPAC23H3.04	0.5079516	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC20F10.06	0.5079494	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC12C2.08	0.5079485	Novel	NO	NO	NO	NO
SPAPYUG7.02c	SPAC23H3.04	0.5079479	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.08	0.5079473	Novel	NO	NO	NO	NO
SPAC24H6.09	SPAC23H3.04	0.5079466	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25B8.14	0.5079462	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC27F1.09c	0.5079453	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26A3.12c	0.5079448	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1B2.05	0.5079439	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2G11.12	0.5079439	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC15A10.16	0.5079435	Novel	NO	NO	NO	NO
SPAC3A12.11c	SPAC23H3.04	0.50794	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1486.05	0.5079396	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC16E9.17c	0.5079381	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.11	0.5079351	Novel	NO	NO	NO	NO
SPBC336.03	SPAC23H3.04	0.5079345	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16H5.05c	0.5079333	Novel	NO	NO	NO	NO
SPAC22E12.09c	SPAC23H3.04	0.5079299	Novel	YES	NO	NO	NO
SPBC1718.03	SPAC23H3.04	0.5079291	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1020.02	0.5079288	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC106.20	0.5079285	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13G7.02c	0.507926	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25A8.01c	0.5079255	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC29A10.14	0.5079253	Novel	NO	NO	NO	NO
SPBC409.09c	SPAC23H3.04	0.5079249	Novel	NO	NO	NO	NO
SPCC576.10c	SPAC23H3.04	0.5079226	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6B12.10c	0.5079225	Novel	NO	NO	NO	NO
SPAC4D7.13	SPAC23H3.04	0.5079219	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP16F5.03c	0.507921	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.04c	0.5079178	Novel	NO	NO	NO	NO
SPBC1604.06c	SPAC23H3.04	0.5079175	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAP8A3.06	0.5079173	Novel	NO	NO	NO	NO
SPBC16C6.06	SPAC23H3.04	0.5079165	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC17G6.17	0.5079147	Novel	NO	NO	NO	NO
SPBC3E7.08c	SPAC23H3.04	0.5079133	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC902.02c	0.5079131	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30C2.02	0.507912	Novel	NO	NO	NO	NO
SPBC409.04c	SPAC23H3.04	0.5079105	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1709.01	0.5079103	Novel	NO	NO	NO	NO
SPBC17F3.01c	SPAC23H3.04	0.5079078	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC887.10	0.5079078	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC23H3.04	0.5079075	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC13F5.06c	0.5079074	Novel	NO	NO	NO	NO
SPAC3G9.14	SPAC23H3.04	0.5079063	Novel	NO	NO	NO	NO
SPAC17C9.13c	SPAC23H3.04	0.5079049	Novel	NO	NO	NO	NO
SPBC12C2.02c	SPAC23H3.04	0.5079047	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC27F1.02c	0.5079041	Novel	NO	NO	NO	NO
SPAC6G10.07	SPAC23H3.04	0.507902	Novel	NO	NO	NO	NO
SPCP25A2.02c	SPAC23H3.04	0.5079008	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25G10.04c	0.5078996	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC713.02c	0.5078984	Novel	NO	NO	NO	NO
SPAC17C9.01c	SPAC23H3.04	0.5078971	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19G12.10c	0.5078969	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC10F6.02c	0.5078966	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB1E7.06c	0.5078945	Novel	NO	NO	NO	NO
SPAC1687.18c	SPAC23H3.04	0.5078939	Novel	NO	NO	NO	NO
SPBP8B7.12c	SPAC23H3.04	0.5078934	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC895.05	0.5078933	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14F5.08	0.5078891	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP19A11.04c	0.5078878	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC30D11.10	0.5078872	Novel	NO	NO	NO	NO
SPBC14F5.03c	SPAC23H3.04	0.5078871	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC285.16c	0.5078833	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC18.04	0.5078826	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC211.02c	0.5078808	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC146.09c	0.5078796	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC83.03c	0.5078795	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4F6.12	0.5078759	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20G8.03	0.5078733	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC965.07c	0.507873	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.09c	0.5078714	Novel	NO	NO	NO	NO
SPAC15A10.03c	SPAC23H3.04	0.5078712	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC15D4.03	0.507868	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC736.14	0.5078674	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4F8.10c	0.5078671	Novel	NO	NO	NO	NO
SPBC16G5.01	SPAC23H3.04	0.507867	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC27E2.09	0.507864	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC1006.03c	0.5078621	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC30D11.08c	0.5078596	Novel	NO	NO	NO	NO
SPCC188.04c	SPAC23H3.04	0.507858	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC11E10.08	0.5078574	Novel	NO	NO	NO	NO
SPAC23E2.01	SPAC23H3.04	0.5078571	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H4.12	0.5078569	Novel	NO	NO	NO	NO
SPAPB1A10.09	SPAC23H3.04	0.5078568	Novel	NO	NO	NO	NO
SPAC9.13c	SPAC23H3.04	0.5078552	Novel	NO	NO	NO	NO
SPCC1753.03c	SPAC23H3.04	0.5078545	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F5.11c	0.5078527	Novel	NO	NO	NO	NO
SPAC17G8.05	SPAC23H3.04	0.507852	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4.04c	0.5078492	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1834.07	0.5078477	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17A2.01	0.5078467	Novel	YES	NO	NO	NO
SPBC9B6.04c	SPAC23H3.04	0.5078465	Novel	NO	NO	NO	NO
SPBC582.07c	SPAC23H3.04	0.5078454	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14C8.06	0.5078379	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G8.10c	0.5078358	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1620.09c	0.5078358	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11C11.08	0.5078358	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1805.04	0.5078335	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1734.11	0.507832	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1778.04	0.5078301	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1778.06c	0.5078289	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.03	0.5078289	Novel	NO	NO	NO	NO
SPAC22H10.07	SPAC23H3.04	0.5078264	Novel	NO	NO	NO	NO
SPCC1235.06	SPAC23H3.04	0.5078264	Novel	YES	NO	NO	NO
SPAC23G3.01	SPAC23H3.04	0.5078261	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC31F10.14c	0.5078259	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16A3.18	0.5078239	Novel	NO	NO	NO	NO

SPBC649.05	SPAC23H3.04	0.5078238	Novel	NO	NO	NO	NO
SPCC645.06c	SPAC23H3.04	0.5078216	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP35G2.03c	0.5078209	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPJ698.02c	0.5078191	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25H2.13c	0.5078187	Novel	NO	NO	NO	NO
SPBPB8B6.04c	SPAC23H3.04	0.5078186	Novel	NO	NO	NO	NO
SPAC15A10.03c	SPBC19F8.07	0.5078183	Novel	NO	YES	NO	YES
SPCC970.07c	SPAC23H3.04	0.5078159	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1296.03c	0.5078114	Novel	NO	NO	NO	NO
SPAC13G6.12c	SPAC23H3.04	0.507811	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26H5.05	0.5078108	Novel	YES	NO	NO	NO
SPAC22H10.12c	SPAC23H3.04	0.5078101	Novel	NO	NO	NO	NO
SPBC4C3.05c	SPAC23H3.04	0.5078095	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3B8.02	0.5078094	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCPIE11.06	0.5078085	Novel	YES	NO	NO	NO
SPBC32C12.02	SPAC23H3.04	0.5078084	Novel	NO	NO	NO	NO
SPAC13G6.01c	SPAC23H3.04	0.5078084	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.13	0.507808	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAP8A3.08	0.5078052	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC30.03c	0.5078043	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1778.02	0.5078037	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC685.06	0.5078017	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC736.09c	0.5078006	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1952.13	0.5078001	Novel	NO	NO	NO	NO
SPBC3B9.16c	SPAC23H3.04	0.5077994	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1682.07	0.5077968	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25G10.08	0.5077967	Novel	NO	NO	NO	NO
SPBC19G7.01c	SPAC23H3.04	0.5077944	Novel	NO	NO	NO	NO
SPAC19G12.14	SPAC23H3.04	0.507793	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC106.09	0.5077925	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8E11.07c	0.507791	Novel	NO	NO	NO	NO
SPBC17G9.04c	SPAC23H3.04	0.5077903	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC776.13	0.5077903	Novel	NO	NO	NO	NO
SPCC1840.03	SPAC23H3.04	0.5077901	Novel	NO	NO	NO	NO
SPAC23G3.11	SPAC23H3.04	0.5077894	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPJ696.01c	0.5077894	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC31A2.15c	0.5077883	Novel	NO	NO	NO	NO
SPBC12D12.01	SPAC23H3.04	0.5077883	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11C11.02	0.5077883	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1827.05c	0.5077879	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1006.06	0.5077877	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC211.04c	0.5077875	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1734.06	0.5077872	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC589.02c	0.5077869	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22A12.09c	0.5077858	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2G11.14	0.507782	Novel	NO	NO	NO	NO
SPAC23E2.02	SPAC23H3.04	0.5077817	Novel	NO	NO	NO	NO

SPAC23H3.04	SPCC4G3.07c	0.5077801	Novel	NO	NO	NO	NO
SPBC12D12.03	SPAC23H3.04	0.5077795	Novel	NO	NO	NO	NO
SPCPJ732.01	SPAC23H3.04	0.5077789	Novel	YES	NO	NO	NO
SPAC14C4.05c	SPAC23H3.04	0.5077775	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC11E3.08c	0.5077772	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3C7.11c	0.5077772	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC56E4.04c	0.5077769	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP22H7.09c	0.5077765	Novel	NO	NO	NO	NO
SPCC777.13	SPAC23H3.04	0.5077744	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1393.10	0.5077723	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAPJ698.03c	0.507772	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20G8.05c	0.5077717	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1834.06c	0.5077708	Novel	NO	NO	NO	NO
SPBC3B9.15c	SPAC23H3.04	0.5077676	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21.01	0.5077669	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1919.15	0.5077643	Novel	NO	NO	NO	NO
SPAC1002.06c	SPAC23H3.04	0.5077642	Novel	NO	NO	NO	NO
SPBC336.01	SPAC23H3.04	0.5077615	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.10	0.5077588	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22H12.02	0.5077585	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25H1.02	0.5077578	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2D10.17	0.5077565	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C11.12	0.5077563	Novel	NO	NO	NO	NO
SPAC17D4.02	SPAC23H3.04	0.507752	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1223.04c	0.5077513	Novel	NO	NO	NO	NO
SPCC1672.06c	SPAC23H3.04	0.5077464	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC622.16c	0.5077455	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1786.03	0.5077448	Novel	NO	NO	NO	NO
SPBC800.03	SPAC23H3.04	0.5077442	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8C9.03	0.5077437	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC821.07c	0.5077437	Novel	NO	NO	NO	NO
SPBP23A10.07	SPAC23H3.04	0.5077419	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC417.02	0.5077413	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17D11.07c	0.5077404	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23A1.10	0.5077402	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC794.09c	0.5077402	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC839.15c	0.5077402	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3H1.12c	0.5077392	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP18G5.03	0.5077387	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F8.11	0.5077375	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.09	0.5077372	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1795.09	0.5077362	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC8F11.03	0.5077354	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP16F5.07	0.5077341	Novel	YES	NO	NO	NO
SPAC3A11.12c	SPAC23H3.04	0.5077334	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.11c	0.5077291	Novel	NO	NO	NO	NO
SPCC330.10	SPAC23H3.04	0.5077289	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC2D10.06	0.5077263	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19F5.01c	0.5077261	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.15c	0.5077237	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.08c	0.5077236	Novel	NO	NO	NO	NO
SPAC2F7.04	SPAC23H3.04	0.5077235	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21D10.12	0.5077231	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC222.09	0.507721	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4F8.15	0.5077204	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC1A6.04c	0.507719	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2F12.13	0.5077184	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.07	0.5077178	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25H2.12c	0.5077174	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC338.17c	0.5077127	Novel	NO	NO	NO	NO
SPAC19G12.03	SPAC23H3.04	0.5077106	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC725.17c	0.5077101	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1795.01c	0.5077089	Novel	NO	NO	NO	NO
SPCC613.04c	SPAC23H3.04	0.5077049	Novel	NO	NO	NO	NO
SPAC19G12.02c	SPAC23H3.04	0.5077015	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F3.03c	0.5077001	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19E9.01c	0.5077001	Novel	NO	NO	NO	NO
SPAC27D7.03c	SPAC23H3.04	0.5076995	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1703.06	0.5076995	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC2C4.15c	0.5076968	Novel	NO	NO	NO	NO
SPAC343.05	SPAC23H3.04	0.5076965	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1289.02c	0.5076943	Novel	NO	NO	NO	NO
SPAC3G9.09c	SPAC23H3.04	0.5076915	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB2B4.03	0.5076911	Novel	NO	NO	NO	NO
SPCC16C4.09	SPAC23H3.04	0.5076908	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP35G2.06c	0.5076907	Novel	NO	NO	NO	NO
SPAC19G12.12	SPAC23H3.04	0.5076906	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC688.13	0.5076894	Novel	NO	NO	NO	NO
SPAC24H6.12c	SPAC23H3.04	0.5076875	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16A11.14	0.5076871	Novel	NO	NO	NO	NO
SPBC215.12	SPAC23H3.04	0.5076856	Novel	NO	NO	NO	NO
SPBC6B1.09c	SPAC23H3.04	0.5076838	Novel	NO	NO	NO	NO
SPAC4F10.10c	SPAC23H3.04	0.5076786	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC646.12c	0.5076785	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC24C6.06	0.5076781	Novel	NO	NO	NO	NO
SPAC19G12.01c	SPAC23H3.04	0.5076759	Novel	NO	NO	NO	NO
SPCC1235.07	SPAC23H3.04	0.507675	Novel	NO	NO	NO	NO
SPAC24H6.04	SPAC23H3.04	0.5076745	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.17	0.5076745	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3F10.02c	0.5076697	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC4F8.07c	0.5076681	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1442.10c	0.5076667	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1734.02c	0.5076656	Novel	NO	NO	NO	NO
SPCC18B5.06	SPAC23H3.04	0.5076638	Novel	NO	NO	NO	NO

SPAC23E2.03c	SPAC23H3.04	0.5076635	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4G9.08c	0.5076607	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16A11.17	0.5076601	Novel	NO	NO	NO	NO
SPBC4.05	SPAC23H3.04	0.5076553	Novel	NO	NO	NO	NO
SPAC12G12.15	SPAC23H3.04	0.5076512	Novel	YES	NO	NO	NO
SPBC1685.01	SPAC23H3.04	0.5076471	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC18G6.07c	0.5076471	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC530.04	0.5076467	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1709.14	0.5076433	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.10c	0.5076422	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.04c	0.5076404	Novel	NO	NO	NO	NO
SPAC343.10	SPAC23H3.04	0.5076403	Novel	NO	NO	NO	NO
SPBC336.15	SPAC23H3.04	0.507639	Novel	NO	NO	NO	NO
SPBC3B9.02c	SPAC23H3.04	0.5076359	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C2.01	0.5076356	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC36.06c	0.5076335	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16A11.13	0.5076333	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23D3.08	0.5076317	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC962.04	0.5076285	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC962.03c	0.5076282	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2G2.01c	0.5076255	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC119.01	0.5076251	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1604.20c	0.5076244	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4G3.19	0.507624	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.02	0.5076236	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC8C9.14	0.5076234	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14C8.14c	0.5076183	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19G12.15c	0.5076161	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4.07c	0.5076158	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16C4.18c	0.5076144	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.11	0.5076125	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22G7.10	0.5076088	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4F11.02	0.5076083	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC767.01c	0.5076031	Novel	YES	NO	NO	NO
SPAC3A11.12c	SPAC17H9.09c	0.5076014	Novel	NO	NO	NO	NO
SPAC343.09	SPAC23H3.04	0.5076001	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1142.03c	0.5075986	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1861.02	0.5075978	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23D3.04c	0.5075976	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1706.01	0.5075912	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC550.02c	0.5075874	Novel	NO	NO	NO	NO
SPBC16C6.10	SPAC23H3.04	0.5075867	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16E8.11c	0.5075865	Novel	NO	NO	NO	NO
SPAC3G9.10c	SPAC23H3.04	0.5075832	Novel	NO	NO	NO	NO
SPAC4A8.09c	SPAC23H3.04	0.5075825	Novel	NO	NO	NO	NO
SPBC16G5.12c	SPAC23H3.04	0.5075815	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC800.07c	0.50758	Novel	NO	NO	NO	NO

SPBP23A10.04	SPAC23H3.04	0.5075799	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.05c	0.5075778	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC119.13c	0.5075764	Novel	NO	NO	NO	NO
SPAC23C11.12	SPBC19F8.07	0.5075742	Novel	NO	NO	NO	YES
SPBC2F12.08c	SPAC23H3.04	0.5075718	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC417.05c	0.5075717	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC428.03c	0.5075703	Novel	YES	NO	YES	NO
SPAC23H3.04	SPCC16C4.14c	0.5075685	Novel	NO	NO	NO	NO
SPAC24H6.06	SPAC23H3.04	0.5075685	Novel	NO	NO	NO	NO
SPBC4B4.09	SPAC23H3.04	0.5075684	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.10c	0.5075652	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F5.08c	0.507565	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC12B10.12c	0.507564	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC290.04	0.507564	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17A3.07	0.5075633	Novel	NO	NO	NO	NO
SPAC56F8.10	SPAC23H3.04	0.5075598	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1020.04c	0.5075598	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16H5.11c	0.5075581	Novel	NO	NO	NO	NO
SPBC32F12.11	SPAC23H3.04	0.5075569	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC645.14c	0.5075566	Novel	NO	NO	NO	NO
SPAC6B12.08	SPAC23H3.04	0.5075536	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3A12.18	0.5075496	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC119.14	0.5075475	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC428.18	0.507547	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3G6.06c	0.5075454	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC777.08c	0.5075442	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19B12.05c	0.5075433	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC56F2.01	0.5075407	Novel	NO	NO	NO	NO
SPBC3B9.07c	SPAC23H3.04	0.5075402	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17H9.17c	0.5075392	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC22F8.10c	0.5075345	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17C9.10	0.5075338	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC29E6.08	0.5075331	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3F10.04	0.5075312	Novel	NO	NO	NO	NO
SPAC27D7.05c	SPAC23H3.04	0.5075305	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21H7.03c	0.5075299	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC1F7.03	0.5075275	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC651.10	0.5075274	Novel	NO	NO	NO	NO
SPBC582.03	SPAC23H3.04	0.5075272	Novel	NO	NO	NO	NO
SPBC4F6.15c	SPAC23H3.04	0.5075267	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC409.05	0.5075258	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP4H10.11c	0.5075251	Novel	YES	NO	NO	NO
SPBC23G7.04c	SPAC23H3.04	0.5075213	Novel	NO	NO	NO	NO
SPBC365.05c	SPAC23H3.04	0.5075207	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC550.13	0.5075194	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3C7.03c	0.5075168	Novel	NO	NO	NO	NO
SPAC4F10.13c	SPAC23H3.04	0.5075148	Novel	NO	NO	NO	NO

SPBC1198.13c	SPAC23H3.04	0.5075145	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAP27G11.15	0.5075101	Novel	NO	NO	NO	NO
SPCC4G3.10c	SPAC23H3.04	0.5075074	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP19A11.03c	0.5075072	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1805.07c	0.5075025	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1783.07c	0.5075019	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G8.13c	0.5075012	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.14c	0.5074969	Novel	NO	NO	NO	NO
SPBP23A10.09	SPAC23H3.04	0.5074953	Novel	NO	NO	NO	NO
SPBC1773.07c	SPAC23H3.04	0.5074932	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2E1P5.04c	0.5074893	Novel	NO	NO	NO	NO
SPAC821.05	SPAC23H3.04	0.5074892	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1529.01	0.507488	Novel	YES	NO	NO	NO
SPBC365.12c	SPAC23H3.04	0.5074851	Novel	NO	NO	NO	NO
SPBP23A10.08	SPAC23H3.04	0.5074843	Novel	NO	NO	NO	NO
SPBC3H7.13	SPAC23H3.04	0.5074839	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC644.04	0.5074837	Novel	NO	NO	NO	NO
SPAC6B12.11	SPAC23H3.04	0.5074815	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC32H8.12c	0.5074795	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1834.01	0.5074771	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC646.11	0.5074743	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26H5.06	0.5074738	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H3.08c	0.5074726	Novel	NO	NO	NO	NO
SPBC1685.11	SPAC23H3.04	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC30B4.07c	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.14	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1751.03	0.5074627	Novel	NO	NO	NO	NO
SPCC16C4.03	SPAC23H3.04	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCP31B10.03c	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1393.04	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC12B10.07	0.5074627	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4B3.12	0.5074556	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16E9.14c	0.5074546	Novel	YES	NO	NO	NO
SPAC9.10	SPAC23H3.04	0.5074523	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC4B3.14	0.5074517	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC106.06	0.5074509	Novel	NO	NO	NO	NO
SPCC576.08c	SPAC23H3.04	0.5074499	Novel	NO	NO	NO	NO
SPCC1753.02c	SPAC23H3.04	0.5074493	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC20G4.07c	0.5074489	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC11E10.07c	0.5074442	Novel	NO	NO	NO	NO
SPBC354.12	SPAC23H3.04	0.5074438	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1753.05	0.5074411	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16A11.05c	0.5074384	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC637.10c	0.507436	Novel	NO	NO	NO	NO
SPAC22E12.06c	SPAC23H3.04	0.5074341	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC13A11.03	0.5074314	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC285.09c	0.5074262	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC17G9.10	0.5074242	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC26A3.07c	0.5074242	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP16F5.02	0.5074233	Novel	NO	NO	NO	NO
SPAC977.10	SPAC23H3.04	0.5074228	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC1223.11	0.5074202	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC15D4.15	0.5074199	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC409.03	0.5074175	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3A12.14	0.5074171	Novel	NO	NO	NO	NO
SPAC12G12.03	SPAC23H3.04	0.5074145	Novel	NO	NO	NO	NO
SPBC2A9.12	SPAC23H3.04	0.507414	Novel	NO	NO	NO	NO
SPBC839.07	SPAC23H3.04	0.5074125	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4B3.16	0.5074114	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC12G12.11c	0.5074109	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC16A3.07c	0.5074072	Novel	NO	NO	NO	NO
SPAC6C3.08	SPAC23H3.04	0.5074072	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4F10.12	0.5074055	Novel	NO	NO	NO	NO
SPAC1783.03	SPAC23H3.04	0.5073998	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4A8.04	0.5073961	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAPB2B4.02	0.5073922	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC15E1.06	0.5073916	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB24D3.04c	0.5073913	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC651.03c	0.5073868	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC895.04c	0.5073831	Novel	YES	NO	NO	NO
SPAC13G6.07c	SPAC23H3.04	0.5073813	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPB1E7.12	0.5073813	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G6.04c	0.5073805	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC622.17	0.5073795	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4G9.13c	0.5073771	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC36.05c	0.5073699	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22F3.02	0.5073684	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC20H4.03c	0.5073646	Novel	NO	NO	NO	NO
SPAC3H8.10	SPAC23H3.04	0.5073621	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4C5.04	0.507359	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1827.08c	0.507358	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6G9.13c	0.507357	Novel	NO	NO	NO	NO
SPAC57A10.10c	SPAC23H3.04	0.5073557	Novel	NO	NO	NO	NO
SPAC23H3.04	SPACUNK4.06c	0.5073456	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC725.02	0.5073437	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21.04	0.5073308	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPAC23H3.04	0.507327	Novel	NO	NO	NO	NO
SPBC3B9.21	SPAC23H3.04	0.5073245	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17A2.13c	0.50732	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2G11.07c	0.5073191	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC926.03	0.507318	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC26H8.01	0.5073178	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.07	0.5073134	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1006.01	0.5073107	Novel	NO	NO	NO	NO

SPAC630.03	SPAC23H3.04	0.507309	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC830.06	0.5073086	Novel	NO	NO	NO	NO
SPCC1672.08c	SPAC23H3.04	0.5073056	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16E8.16	0.5073046	Novel	NO	NO	NO	NO
SPCC1840.10	SPAC23H3.04	0.5073035	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC550.05	0.5072945	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16A10.06c	0.5072942	Novel	NO	NO	NO	NO
SPAC17H9.03c	SPAC23H3.04	0.5072929	Novel	NO	NO	NO	NO
SPBC32F12.06	SPAC23H3.04	0.5072871	Novel	NO	NO	NO	NO
SPAC31G5.11	SPAC23H3.04	0.507283	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28E12.01c	0.5072826	Novel	NO	NO	NO	NO
SPCC1259.10	SPAC23H3.04	0.5072804	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC645.04	0.5072791	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11B10.06	0.5072742	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4C3.07	0.5072728	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1271.01c	0.5072727	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14C8.01c	0.5072722	Novel	NO	NO	NO	NO
SPAC15E1.07c	SPAC23H3.04	0.5072676	Novel	NO	NO	NO	NO
SPBC215.05	SPAC23H3.04	0.5072669	Novel	NO	NO	NO	NO
SPAC1002.15c	SPAC23H3.04	0.5072657	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC30D10.04	0.50726	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23C4.15	0.5072595	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16E8.15	0.5072527	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC20F10.01	0.5072409	Novel	NO	NO	NO	NO
SPBC12D12.06	SPAC23H3.04	0.5072342	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8E11.02c	0.5072248	Novel	NO	NO	NO	NO
SPBC21C3.05	SPAC23H3.04	0.5072215	Novel	NO	NO	NO	NO
SPAP8A3.04c	SPAC23H3.04	0.507219	Novel	NO	NO	NO	NO
SPAC17C9.05c	SPAC23H3.04	0.5072159	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1734.14c	0.5072086	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP4H10.21c	0.5071871	Novel	NO	NO	NO	NO
SPCC576.03c	SPAC23H3.04	0.5071866	Novel	NO	NO	NO	NO
SPAPB17E12.02	SPAC23H3.04	0.5071725	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC19B12.12c	0.5071725	Novel	NO	NO	NO	NO
SPAC5D6.08c	SPAC23H3.04	0.5071715	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4G9.11c	0.50717	Novel	NO	NO	NO	NO
SPAC3G9.04	SPAC23H3.04	0.5071608	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16C4.13c	0.507156	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC31H12.04c	0.507156	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC21B10.12	0.5071514	Novel	NO	NO	NO	NO
SPAC589.08c	SPAC23H3.04	0.5071335	Novel	NO	NO	NO	NO
SPAC22E12.08	SPAC23H3.04	0.5071226	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3C7.14c	0.5071038	Novel	NO	NO	NO	NO
SPAC1071.12c	SPAC23H3.04	0.5071002	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC14C8.12	0.5070966	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC23G7.11	0.5070934	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC970.12	0.5070896	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC26F1.06	0.5070896	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC21E11.04	0.5070856	Novel	NO	NO	NO	NO
SPAC5D6.05	SPAC23H3.04	0.5070816	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1142.05	0.507075	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC31F10.09c	0.5070613	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3E7.14	0.5070579	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F6.07c	0.5070556	Novel	NO	NO	NO	NO
SPAC13D6.02c	SPAC23H3.04	0.5070522	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC23G7.16	0.5070462	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC26A3.08	0.5070429	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9E9.13	0.5070337	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC227.08c	0.5070278	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC725.13c	0.5070259	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP35G2.09	0.5070232	Novel	NO	NO	NO	NO
SPBC29A3.16	SPAC23H3.04	0.5070159	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.04	0.5069779	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1834.04	0.5069779	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1105.11c	0.5069779	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3A12.07	0.5069747	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9.02c	0.506972	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC28F2.03	0.5069617	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC337.14	0.506948	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC24C6.11	0.5069456	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.05	0.5069331	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC7D4.07c	0.5069296	Novel	NO	NO	NO	NO
SPBC119.08	SPBC19F8.07	0.5069259	Novel	YES	YES	YES	NO
SPAC23H3.04	SPCC24B10.13	0.50692	Novel	NO	NO	YES	NO
SPBC4B4.05	SPAC23H3.04	0.5068966	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G6.06	0.5068916	Novel	NO	NO	NO	NO
SPAC27D7.07c	SPAC23H3.04	0.506884	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1805.08	0.5068787	Novel	NO	NO	NO	NO
SPAC11H11.05c	SPAC23H3.04	0.5068657	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1450.05c	0.5068607	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C2.14	0.5068504	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC17G9.07	0.5068397	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16A10.05c	0.5068295	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1105.17	0.5068125	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC15E1.09	0.5068066	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4A8.15c	0.5067993	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAPYUG7.04c	0.5067958	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16E8.18	0.5067843	Novel	YES	NO	YES	NO
SPAC23H3.04	SPAC29B12.03	0.5067804	Novel	NO	NO	NO	NO
SPBC106.02c	SPAC23H3.04	0.5067804	Novel	NO	NO	NO	NO
SPBC21B10.04c	SPAC23H3.04	0.5067671	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC839.17c	0.5067565	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1259.03	0.5067463	Novel	NO	NO	NO	NO
SPBC21C3.16c	SPAC23H3.04	0.5067338	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC11G11.06c	0.5067279	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC2C4.03c	0.5067164	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22A12.05	0.5066998	Novel	NO	NO	NO	NO
SPBC1685.10	SPAC23H3.04	0.5066231	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC970.05	0.5065672	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC405.07	0.5065672	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC14C4.16	0.5065271	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC18E5.06	0.5064091	Novel	NO	NO	NO	NO
SPBC31E1.03	SPAC23H3.04	0.5063018	Novel	NO	NO	NO	NO
SPBC1734.14c	SPBC19F8.07	0.5062955	Novel	NO	NO	NO	YES
SPBC215.04	SPAC23H3.04	0.5061111	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC1B3.12c	0.506085	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC821.12	0.5058621	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC19C2.03	0.5058345	Novel	NO	NO	NO	NO
SPAC29B12.03	SPBC19F8.07	0.5056058	Novel	YES	NO	NO	YES
SPBC409.07c	SPAC1D4.13	0.5054916	Novel	NO	YES	YES	NO
SPAC17C9.13c	SPBC1198.12	0.5048728	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC1739.12	0.5046851	Novel	NO	NO	NO	NO
SPAC110.03	SPAC3A11.12c	0.5044629	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1711.01c	0.5043478	Novel	NO	NO	NO	NO
SPAC23H3.04	SPMTR.03	0.5043478	Novel	NO	NO	YES	NO
SPBC23G7.17c	SPAC23H3.04	0.5043478	Novel	NO	NO	NO	NO
SPBC1198.12	SPBC14C8.01c	0.5040842	Novel	NO	NO	NO	YES
SPAC3A11.12c	SPBP19A11.03c	0.503985	Novel	YES	YES	YES	NO
SPAC3F10.11c	SPAC9E9.12c	0.5039761	Novel	YES	YES	NO	NO
SPAC3A11.12c	SPAPB8E5.02c	0.5039627	Novel	NO	NO	YES	NO
SPAC1420.03	SPAC3A11.12c	0.5039627	Novel	NO	NO	YES	YES
SPAC31G5.09c	SPBC16E9.11c	0.5035771	Novel	NO	NO	NO	NO
SPAC23C4.08	SPBC1685.02c	0.5033342	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC823.15	0.5033115	Novel	NO	NO	NO	NO
SPCC1223.06	SPBC32C12.03c	0.5032806	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC1D7.05	0.5031117	Novel	YES	YES	YES	NO
SPAC1783.07c	SPBC119.08	0.5030936	Novel	YES	NO	NO	NO
SPAC57A7.08	SPAC823.15	0.5030242	Novel	NO	YES	YES	NO
SPCC4E9.02	SPAPB2B4.03	0.5029891	Novel	NO	YES	YES	NO
SPCC18B5.03	SPCC320.13c	0.5029207	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC32H8.10	0.5027707	Novel	NO	YES	YES	NO
SPBC119.08	SPAC11G7.02	0.5026075	Novel	YES	NO	NO	NO
SPCC1739.12	SPAC3F10.02c	0.5024161	Novel	NO	NO	NO	NO
SPBC1709.01	SPAC3A12.14	0.5020915	Novel	NO	YES	NO	YES
SPBC1198.12	SPBC106.09	0.5020589	Novel	NO	NO	NO	YES
SPBC409.07c	SPBC19F8.07	0.5018145	Novel	YES	YES	YES	YES
SPAC110.03	SPAC24B11.06c	0.5017867	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPCC320.13c	0.5013438	Novel	NO	YES	NO	NO
SPAC24B11.11c	SPAC23D3.10c	0.5013318	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC23C4.19	0.5013151	Novel	NO	YES	NO	NO
SPBP19A11.04c	SPAC2C4.14c	0.5012581	Novel	YES	NO	NO	NO

SPAC1D4.13	SPCC1322.08	0.5011856	Novel	NO	YES	YES	NO
SPBC16E9.10c	SPBC14C8.01c	0.5011851	Novel	NO	NO	NO	NO
SPBC1198.12	SPBC20F10.06	0.5011492	Novel	NO	YES	NO	YES
SPAC1786.02	SPAC23H3.13c	0.5010627	Novel	NO	NO	NO	NO
SPCC576.03c	SPBC119.08	0.5008821	Novel	YES	YES	NO	NO
SPCC1753.02c	SPAC1786.02	0.500843	Novel	NO	NO	NO	NO
SPCC1682.04	SPBC146.13c	0.5007603	Novel	NO	NO	NO	NO
SPBPB8B6.04c	SPBC1198.12	0.5007316	Novel	NO	NO	NO	NO
SPBC543.07	SPAC823.15	0.5005112	Novel	NO	NO	NO	NO
SPAC19D5.01	SPBC119.08	0.500459	Novel	YES	YES	NO	NO
SPAC1805.17	SPBC119.08	0.5000902	Novel	NO	NO	NO	NO
SPBC2F12.09c	SPBC119.08	0.4998006	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC119.08	0.4996752	Novel	NO	YES	YES	NO
SPAC4D7.05	SPAC3A11.12c	0.4991697	Novel	NO	NO	NO	NO
SPBC405.04c	SPAC4C5.02c	0.4991138	Novel	NO	YES	YES	NO
SPBC16A3.15c	SPBC26H8.07c	0.4989307	Novel	YES	YES	YES	YES
SPAC24B11.06c	SPBC16H5.07c	0.4988699	Novel	YES	NO	NO	YES
SPBC21.06c	SPBC776.02c	0.4986801	Novel	NO	NO	NO	YES
SPAC9G1.09	SPAC2C4.14c	0.4983086	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPCC1739.12	0.4980436	Novel	NO	YES	NO	NO
SPAC17A2.09c	SPBC119.08	0.4980104	Novel	YES	NO	NO	NO
SPAC821.12	SPAC1F5.09c	0.498	Novel	NO	YES	YES	YES
SPCC4F11.02	SPBC119.08	0.4979498	Novel	NO	NO	NO	NO
SPAPYUG7.02c	SPBC119.08	0.4979104	Novel	NO	YES	YES	NO
SPBC4F6.12	SPAC3A12.14	0.4978411	Novel	NO	YES	NO	NO
SPBC9B6.10	SPBC119.08	0.4977823	Novel	YES	YES	NO	NO
SPAC22H10.12c	SPAPB1A10.10c	0.4975556	Novel	NO	NO	YES	NO
SPBC119.08	SPAC26F1.10c	0.4973808	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPAC637.10c	0.4972831	Novel	YES	NO	YES	YES
SPBC26H8.05c	SPAC4A8.12c	0.4971499	Novel	NO	NO	NO	NO
SPCC1259.13	SPBC18H10.15	0.4969604	Novel	NO	YES	YES	NO
SPAC3F10.18c	SPCC550.05	0.4968701	Novel	NO	NO	NO	NO
SPCC550.05	SPAC3G6.13c	0.4968701	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPAC6G9.08	0.4968569	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC8D2.01	0.4967346	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPBC119.08	0.4967009	Novel	NO	NO	NO	NO
SPBP16F5.02	SPBC18H10.15	0.4966692	Novel	NO	NO	NO	NO
SPAC328.03	SPAC3G6.09c	0.4966002	Novel	NO	NO	YES	NO
SPCC576.10c	SPAC110.03	0.4965787	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPBC409.06	0.4965644	Novel	NO	NO	YES	YES
SPAC977.10	SPBC119.08	0.4965487	Novel	NO	NO	YES	NO
SPBC11B10.09	SPBC29B5.01	0.4964489	Novel	NO	YES	NO	YES
SPBC660.07	SPAC3G6.09c	0.4963654	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC16H5.07c	0.4961407	Novel	YES	YES	YES	NO
SPBC26H8.07c	SPBC800.05c	0.4959722	Novel	YES	YES	YES	YES
SPBC1A4.08c	SPAC17H9.19c	0.495785	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPCC16C4.11	0.4957515	Novel	NO	YES	YES	NO

SPBC428.13c	SPAP8A3.08	0.4957514	Novel	YES	YES	NO	NO
SPAC4F10.15c	SPAC2C4.14c	0.4955877	Novel	NO	NO	NO	NO
SPBC16E9.10c	SPBC887.04c	0.4955104	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC4C3.12	0.4954277	Novel	NO	NO	NO	NO
SPBC409.05	SPCC794.01c	0.4953978	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC2C4.14c	0.4953756	Novel	NO	YES	YES	NO
SPAC3C7.13c	SPBC409.05	0.495331	Novel	NO	NO	NO	NO
SPBC16E9.10c	SPAC2C4.15c	0.4948755	Novel	NO	NO	NO	NO
SPAC343.09	SPBC16E9.10c	0.4948614	Novel	NO	NO	NO	NO
SPAC17G6.16c	SPBC26H8.05c	0.4948519	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC6B12.15	0.4946128	Novel	NO	YES	NO	NO
SPAC824.04	SPBC26H8.05c	0.4943741	Novel	NO	NO	NO	NO
SPAC664.01c	SPAC18B11.07c	0.4938708	Novel	NO	NO	YES	NO
SPAC1D4.13	SPAC23A1.06c	0.4937855	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPBC1604.14c	0.4937429	Novel	NO	YES	YES	YES
SPBC21D10.12	SPBC13E7.09	0.4936975	Novel	YES	YES	NO	YES
SPAC4D7.05	SPCC1682.16	0.4936108	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC20H4.09	0.4935823	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC359.05	0.4932309	Novel	YES	NO	NO	NO
SPAC30D11.10	SPAC18B11.07c	0.4928115	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPAC821.12	0.4927589	Novel	NO	YES	YES	NO
SPBC18H10.15	SPCC1739.11c	0.4926862	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBC25B2.05	0.4924407	Novel	NO	NO	NO	NO
SPAC57A7.08	SPCC1739.12	0.4923796	Novel	NO	YES	YES	NO
SPAC1D4.13	SPBC19C2.05	0.4922188	Novel	NO	YES	YES	YES
SPAC16A10.04	SPAC23D3.10c	0.4921999	Novel	NO	NO	NO	NO
SPAC17C9.13c	SPBC26H8.05c	0.4919009	Novel	NO	NO	NO	NO
SPAC8E11.02c	SPAC20H4.09	0.4918289	Novel	NO	NO	NO	NO
SPAC20H4.09	SPAC23C11.11	0.4916668	Novel	NO	YES	NO	NO
SPCC576.15c	SPAC821.12	0.4916579	Novel	NO	YES	YES	NO
SPAC1F3.02c	SPBC776.02c	0.4916508	Novel	YES	NO	NO	YES
SPCC1682.16	SPAC637.10c	0.4916038	Novel	YES	NO	YES	NO
SPCC576.15c	SPBC106.10	0.4912687	Novel	YES	YES	YES	NO
SPAC20H4.11c	SPAC1250.03	0.4912658	Novel	NO	NO	NO	NO
SPCC1682.16	SPBC646.09c	0.4907117	Novel	NO	NO	YES	NO
SPBC26H8.05c	SPAC6F12.15c	0.4907043	Novel	NO	NO	NO	NO
SPCC1682.16	SPBC409.06	0.4906789	Novel	NO	NO	YES	NO
SPCC1682.16	SPBP19A11.03c	0.4906579	Novel	YES	YES	YES	NO
SPCC1682.16	SPAC6G9.08	0.4906298	Novel	NO	NO	YES	NO
SPAPB8E5.02c	SPCC1682.16	0.4905149	Novel	NO	NO	YES	NO
SPAC1420.03	SPCC1682.16	0.4905149	Novel	NO	NO	YES	NO
SPAPB1A10.10c	SPAC4C5.02c	0.4904936	Novel	NO	YES	YES	NO
SPAC23A1.06c	SPBC18H10.15	0.490009	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAPB15E9.01c	0.4897943	Novel	NO	NO	NO	NO
SPBC776.02c	SPCC1739.11c	0.489592	Novel	YES	NO	NO	YES
SPBC26H8.05c	SPCC622.09	0.4893333	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC11B10.09	0.4891723	Novel	NO	NO	YES	NO

SPBC405.04c	SPBP4H10.04	0.4889889	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC16A10.04	0.4886224	Novel	NO	NO	NO	NO
SPAC1952.07	SPCC1322.08	0.4885719	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC2C4.14c	0.4882286	Novel	NO	YES	YES	NO
SPAC926.03	SPCC1919.10c	0.4881602	Novel	NO	NO	NO	YES
SPAC20H4.09	SPAC644.12	0.4879365	Novel	YES	NO	YES	NO
SPBC582.03	SPAC20H4.09	0.4878355	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC9G1.02	0.4876832	Novel	NO	YES	YES	NO
SPAC589.10c	SPBC337.08c	0.4873089	Novel	NO	NO	YES	NO
SPAC6G10.11c	SPBC337.08c	0.4873089	Novel	NO	NO	NO	YES
SPAC926.03	SPBC146.13c	0.4872768	Novel	YES	YES	NO	NO
SPAC24B11.06c	SPAC1782.09c	0.4872587	Novel	YES	YES	YES	YES
SPCC16C4.11	SPCC320.13c	0.4872433	Novel	NO	YES	NO	NO
SPBC1348.10c	SPAC23H3.13c	0.4872153	Novel	NO	NO	NO	NO
SPAC977.09c	SPAC23H3.13c	0.4872153	Novel	NO	NO	NO	NO
SPAC630.03	SPAC4A8.05c	0.4871726	Novel	NO	YES	YES	NO
SPAC22H12.02	SPAC18B11.07c	0.4870325	Novel	YES	NO	YES	NO
SPBC428.08c	SPAC18B11.07c	0.4869073	Novel	NO	NO	YES	NO
SPCC1682.04	SPCC1919.10c	0.4867782	Novel	NO	NO	YES	NO
SPCC1753.02c	SPBC1348.10c	0.4865156	Novel	NO	NO	NO	NO
SPCC1753.02c	SPAC977.09c	0.4865156	Novel	NO	NO	NO	NO
SPAC22H10.04	SPAC23H3.04	0.4862459	Novel	NO	NO	NO	NO
SPAC23D3.10c	SPAC14C4.09	0.4859741	Novel	YES	NO	NO	NO
SPAC24B11.06c	SPBC582.03	0.4856601	Novel	NO	YES	YES	YES
SPAC1782.09c	SPAC23H4.17c	0.4856459	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC18H10.15	0.4855865	Novel	NO	YES	NO	NO
SPBC649.05	SPBC18H10.15	0.4851689	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC144.13c	0.4851542	Novel	NO	NO	NO	NO
SPAC144.13c	SPCC5E4.04	0.4850401	Novel	YES	NO	NO	YES
SPBC18H10.15	SPAC19E9.03	0.4850304	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC1B9.02c	0.484865	Novel	NO	YES	YES	YES
SPBC26H8.07c	SPBC1347.12	0.4846801	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC32F12.09	0.4846331	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC24B10.07	0.4846171	Novel	NO	YES	YES	NO
SPAC4F10.15c	SPAC9G1.09	0.4844176	Novel	NO	YES	NO	NO
SPBC24C6.07	SPAC23H4.17c	0.484258	Novel	NO	NO	NO	NO
SPBC354.03	SPAC824.04	0.4842398	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC26H8.05c	0.4837841	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPAC2C4.14c	0.4834642	Novel	NO	NO	NO	NO
SPCC330.10	SPBC11B10.09	0.483463	Novel	NO	NO	NO	NO
SPAC890.07c	SPCC794.09c	0.4830215	Novel	NO	NO	NO	NO
SPAC890.07c	SPAC23A1.10	0.4830215	Novel	NO	NO	NO	NO
SPAC890.07c	SPBC839.15c	0.4830215	Novel	NO	NO	NO	NO
SPBC106.10	SPAC17G8.14c	0.4828738	Novel	NO	YES	YES	NO
SPAPB2B4.03	SPBC18H10.15	0.482816	Novel	NO	NO	NO	NO
SPAC22F3.09c	SPBC19F5.01c	0.482731	Novel	NO	NO	NO	YES
SPCC576.08c	SPAC890.07c	0.4825598	Novel	NO	NO	NO	NO

SPAC890.07c	SPBC17G9.07	0.4823243	Novel	NO	NO	NO	NO
SPAC890.07c	SPAC17G6.06	0.482243	Novel	NO	NO	NO	NO
SPCC777.14	SPAC222.18	0.4822242	Novel	NO	NO	YES	NO
SPAC821.12	SPCC24B10.07	0.4821172	Novel	NO	YES	YES	NO
SPBC1289.13c	SPAC23H3.04	0.482056	Novel	YES	NO	NO	NO
SPBC32C12.02	SPBC11B10.09	0.4820545	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC1685.02c	0.4820086	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBC1604.14c	0.481785	Novel	NO	YES	YES	NO
SPAC1D4.13	SPAC1006.09	0.4816657	Novel	NO	YES	YES	NO
SPAC1783.05	SPAC1250.01	0.4815894	Novel	YES	YES	YES	NO
SPAC23H3.04	SPBC1709.05	0.4815267	Novel	NO	NO	NO	NO
SPCC1682.16	SPAC1F7.04	0.4813778	Novel	NO	NO	NO	NO
SPAC144.13c	SPBC14C8.01c	0.4809818	Novel	NO	NO	NO	YES
SPBC11B10.09	SPACUNK12.02c	0.4805573	Novel	NO	YES	YES	NO
SPCC1672.06c	SPBC32H8.12c	0.4802688	Novel	NO	YES	NO	YES
SPAC24B11.06c	SPAC23C4.08	0.4799772	Novel	NO	YES	NO	NO
SPBC21D10.12	SPAC2C4.14c	0.4799765	Novel	NO	NO	NO	NO
SPBC543.07	SPCC31H12.05c	0.4799102	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC23C4.19	0.4797845	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC776.18c	0.4795539	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC644.04	0.4794559	Novel	NO	YES	NO	NO
SPCC4E9.02	SPBC19F5.01c	0.4794118	Novel	NO	YES	YES	NO
SPBC23E6.01c	SPAC24B11.06c	0.4790882	Novel	NO	NO	NO	NO
SPAC6G9.06c	SPAP8A3.08	0.4789464	Novel	NO	YES	NO	NO
SPBC543.07	SPBC16H5.07c	0.4788932	Novel	YES	NO	NO	YES
SPAC23C11.16	SPAC2C4.14c	0.4787974	Novel	NO	YES	YES	NO
SPAC110.03	SPAC1D4.13	0.4787604	Novel	NO	YES	NO	NO
SPBC543.07	SPBC19F8.07	0.4785381	Novel	YES	YES	YES	NO
SPBC18H10.15	SPAC644.06c	0.4784367	Novel	NO	YES	YES	NO
SPBC19F8.07	SPAC2C4.14c	0.4779885	Novel	NO	YES	YES	NO
SPAC9G1.09	SPAC1F5.09c	0.4778101	Novel	NO	YES	YES	NO
SPAC1D4.13	SPAC1F7.04	0.4776739	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC3G6.13c	0.4776119	Novel	NO	NO	NO	NO
SPAC3F10.18c	SPAC23H3.04	0.4776119	Novel	NO	NO	NO	NO
SPAC16.01	SPBC4.07c	0.477482	Novel	NO	YES	NO	NO
SPAC24B11.11c	SPBC11B10.09	0.4774385	Novel	NO	YES	YES	YES
SPCC4E9.02	SPBC582.03	0.4772455	Novel	NO	YES	YES	NO
SPAC9G1.09	SPBC336.12c	0.4770953	Novel	NO	YES	NO	NO
SPCC18B5.03	SPACUNK12.02c	0.4770441	Novel	NO	YES	NO	NO
SPAC16A10.04	SPBC1685.02c	0.4760701	Novel	NO	NO	NO	NO
SPAC1834.06c	SPAC2C4.14c	0.4759441	Novel	YES	NO	NO	NO
SPBC18H10.15	SPBC1604.14c	0.4759333	Novel	NO	YES	YES	NO
SPCC4E9.02	SPBC1718.01	0.4758965	Novel	NO	NO	YES	NO
SPCC777.14	SPCC188.08c	0.475754	Novel	NO	NO	NO	YES
SPCC16C4.11	SPCC5E4.04	0.4757152	Novel	NO	YES	NO	NO
SPBC543.07	SPCC1739.12	0.4755042	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC119.08	0.4754418	Novel	YES	YES	YES	NO

SPAC31G5.09c	SPBC16H5.07c	0.4754065	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC14C8.07c	0.4750824	Novel	NO	NO	NO	NO
SPCC4E9.02	SPCC16A11.17	0.4750617	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC4.04c	0.4750308	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC19G7.05c	0.4749897	Novel	NO	NO	NO	NO
SPAC222.18	SPBC530.14c	0.4748654	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPBC19F8.07	0.4748192	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC29A10.15	0.4746656	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC1F3.02c	0.4745939	Novel	NO	YES	YES	NO
SPBP4H10.04	SPAPB1A10.10c	0.4745768	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC29A4.16	0.4743784	Novel	NO	YES	YES	NO
SPAC18G6.03	SPAPB1A10.10c	0.4742369	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC22H10.04	0.4741056	Novel	YES	NO	NO	NO
SPBC1539.08	SPBC11C11.04c	0.4737467	Novel	NO	NO	NO	NO
SPBC405.04c	SPAC17D4.03c	0.4736687	Novel	NO	NO	NO	NO
SPCC330.10	SPBC18H10.15	0.4736647	Novel	NO	NO	NO	NO
SPAC11H11.06	SPBC26H8.07c	0.4734699	Novel	NO	NO	NO	NO
SPAC19E9.03	SPAC23H4.17c	0.4734633	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC57A10.02	0.4734568	Novel	NO	YES	YES	YES
SPAC17H9.09c	SPBC1604.14c	0.4733803	Novel	NO	NO	YES	YES
SPCC4E9.02	SPCC1739.11c	0.4733347	Novel	NO	NO	NO	NO
SPBC16H5.11c	SPAC2C4.14c	0.4731379	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC644.04	0.4730295	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPBC776.02c	0.4726261	Novel	NO	NO	NO	YES
SPAPB2B4.03	SPBC1347.12	0.4725907	Novel	NO	NO	NO	NO
SPAC18G6.03	SPAC1B3.11c	0.4723912	Novel	NO	YES	YES	NO
SPBC428.13c	SPCC1682.04	0.4723714	Novel	NO	NO	YES	NO
SPAC18G6.03	SPBC776.02c	0.4721112	Novel	YES	NO	NO	YES
SPAC24B11.06c	SPCC18B5.11c	0.4721088	Novel	NO	YES	YES	YES
SPAC17D4.03c	SPAPB1A10.10c	0.4719458	Novel	NO	NO	NO	NO
SPBC13G1.11	SPAC9E9.07c	0.4717549	Novel	NO	NO	YES	NO
SPAC1F7.04	SPBC4.07c	0.4717286	Novel	NO	YES	NO	NO
SPCC895.07	SPAC4C5.02c	0.4714912	Novel	NO	NO	NO	NO
SPCC830.06	SPBC776.02c	0.4713238	Novel	YES	NO	NO	YES
SPBC18H10.15	SPAC26F1.10c	0.471093	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC26H8.05c	0.4709613	Novel	NO	NO	NO	NO
SPAC17C9.13c	SPAC144.13c	0.4709367	Novel	NO	NO	NO	YES
SPBC19C7.03	SPBC11B10.09	0.4705737	Novel	NO	YES	NO	YES
SPBC24C6.07	SPBC776.02c	0.4705001	Novel	NO	NO	NO	YES
SPBC1685.06	SPCC18B5.11c	0.4702721	Novel	NO	YES	NO	NO
SPCC4E9.02	SPBC19F8.07	0.4702244	Novel	NO	NO	NO	NO
SPCC1259.13	SPAC1B2.05	0.4702237	Novel	YES	YES	NO	YES
SPAC1D4.13	SPAC20H4.11c	0.470078	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC12D12.04c	0.470021	Novel	NO	YES	YES	YES
SPBP4G3.02	SPAC23H3.04	0.4698397	Novel	NO	NO	YES	NO
SPBC1711.17	SPAC644.12	0.4698175	Novel	YES	NO	NO	NO
SPAC144.13c	SPBC20F10.06	0.4698101	Novel	NO	NO	NO	YES

SPBC23E6.01c	SPAC12G12.03	0.4696692	Novel	NO	YES	NO	NO
SPBC23E6.01c	SPBC16A3.18	0.4693781	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC23C11.16	0.4688116	Novel	YES	YES	YES	YES
SPBC1685.06	SPBC216.05	0.4688008	Novel	NO	YES	NO	NO
SPBC18H10.15	SPAC19E9.02	0.4686211	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPAC8E11.02c	0.468594	Novel	NO	NO	NO	NO
SPBC543.07	SPAC17H9.09c	0.4684884	Novel	NO	NO	YES	NO
SPAC9E9.07c	SPAC1F5.09c	0.4683532	Novel	NO	NO	NO	NO
SPBC776.02c	SPAC1565.06c	0.4682217	Novel	NO	NO	NO	YES
SPCC24B10.07	SPAC17G8.14c	0.4680983	Novel	NO	YES	YES	YES
SPAC144.13c	SPBC106.09	0.467871	Novel	NO	NO	YES	YES
SPCC16C4.11	SPBC1D7.05	0.4678323	Novel	NO	YES	YES	NO
SPBC660.14	SPAC57A10.02	0.4678162	Novel	NO	YES	YES	YES
SPBC12D12.04c	SPBC106.10	0.4678111	Novel	NO	YES	YES	NO
SPBC428.13c	SPBC776.02c	0.4677875	Novel	NO	NO	NO	YES
SPAC30D11.08c	SPBC146.09c	0.4675973	Novel	YES	YES	YES	YES
SPAC11H11.06	SPAPB2B4.03	0.4674693	Novel	NO	NO	NO	NO
SPAC222.18	SPAC16.02c	0.4672971	Novel	NO	YES	NO	NO
SPAC19G12.14	SPBC776.02c	0.4671328	Novel	NO	NO	NO	YES
SPAC18B11.10	SPBC354.03	0.4670639	Novel	YES	NO	NO	NO
SPCC1739.12	SPBC19F8.07	0.4669381	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC9G1.02	0.4668625	Novel	NO	YES	NO	YES
SPAC1D4.06c	SPAC2F3.15	0.4668079	Novel	NO	YES	NO	NO
SPAC16.01	SPBC19F8.07	0.4666585	Novel	NO	NO	NO	NO
SPAC144.13c	SPCC1795.01c	0.466618	Novel	NO	NO	NO	YES
SPCC1259.15c	SPBC1D7.04	0.4665605	Novel	NO	NO	NO	NO
SPCC970.10c	SPAC30D11.13	0.4665527	Novel	NO	NO	NO	NO
SPBC405.04c	SPAC18G6.03	0.4664737	Novel	NO	YES	YES	NO
SPBC1685.06	SPBC11B10.09	0.466466	Novel	NO	YES	NO	NO
SPAC16.01	SPAC1250.03	0.4664446	Novel	NO	NO	NO	NO
SPCC645.05c	SPBC24C6.07	0.4663366	Novel	NO	YES	NO	YES
SPCC18B5.03	SPAC1F5.09c	0.4662986	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC2F3.17c	0.4660981	Novel	NO	NO	NO	NO
SPAC3A12.14	SPAP8A3.08	0.4660869	Novel	NO	YES	NO	NO
SPAC30D11.13	SPCC1919.15	0.4660723	Novel	NO	NO	NO	NO
SPBPB8B6.04c	SPAC144.13c	0.4660645	Novel	NO	NO	NO	YES
SPCC1259.15c	SPAC24H6.03	0.4659493	Novel	NO	NO	YES	NO
SPCC645.05c	SPBC32H8.12c	0.4658727	Novel	YES	YES	YES	YES
SPCC645.05c	SPBP4H10.04	0.4658531	Novel	NO	YES	NO	YES
SPAC110.03	SPCC1259.15c	0.465815	Novel	NO	NO	NO	NO
SPCC1259.15c	SPBC4.05	0.46579	Novel	NO	YES	YES	NO
SPAC3F10.02c	SPBC16H5.07c	0.4655995	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC821.08c	0.4655941	Novel	NO	NO	NO	NO
SPCC1259.15c	SPBC26H8.07c	0.465562	Novel	NO	NO	NO	NO
SPBC106.10	SPCC4G3.08	0.4654273	Novel	NO	YES	YES	NO
SPBP16F5.07	SPBC776.02c	0.4653786	Novel	NO	NO	NO	YES
SPBC1685.01	SPBC776.02c	0.4653638	Novel	YES	NO	YES	YES

SPAC24B11.11c	SPAC22H10.04	0.4653545	Novel	NO	NO	NO	NO
SPAC30D11.13	SPBC1734.06	0.4653237	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1347.12	0.4652985	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC1D4.13	0.4651463	Novel	NO	YES	NO	NO
SPCC757.09c	SPBC776.02c	0.4646884	Novel	NO	NO	NO	YES
SPBC11B10.09	SPCC5E4.04	0.4645756	Novel	NO	YES	NO	YES
SPBC582.03	SPAC30D11.13	0.4645663	Novel	NO	YES	YES	NO
SPBC1685.06	SPAC9E9.08	0.4642866	Novel	NO	NO	NO	NO
SPAC20G4.07c	SPBC776.02c	0.4641211	Novel	NO	NO	NO	YES
SPBC1685.06	SPAC1952.07	0.4640881	Novel	NO	NO	NO	NO
SPBC2F12.09c	SPBC11B10.09	0.4640502	Novel	NO	NO	NO	YES
SPAC24H6.05	SPAC30D11.13	0.4638937	Novel	NO	YES	YES	NO
SPBC660.14	SPBC725.16	0.4637995	Novel	NO	NO	NO	YES
SPBC359.05	SPAC9E9.12c	0.4635982	Novel	YES	YES	NO	NO
SPAC57A10.02	SPBC18H10.15	0.4635528	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC821.12	0.463387	Novel	NO	YES	YES	NO
SPAC13D6.05	SPBC32F12.04	0.4633844	Novel	NO	NO	NO	YES
SPBC800.05c	SPAC11E3.04c	0.4630972	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC4C3.12	0.4630247	Novel	NO	NO	NO	YES
SPBC11B10.09	SPCC4F11.02	0.4629431	Novel	NO	NO	NO	YES
SPBC12D12.07c	SPAC20H4.11c	0.4628968	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC188.12	0.4628354	Novel	NO	NO	YES	NO
SPCC338.05c	SPAC1250.03	0.4627451	Novel	NO	YES	YES	NO
SPCC5E4.03c	SPBC1105.09	0.4623582	Novel	NO	NO	NO	NO
SPBC1685.06	SPAC14C4.13	0.4620926	Novel	NO	YES	NO	NO
SPBC336.04	SPBC18H10.15	0.4619986	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC2F3.15	0.4617833	Novel	NO	YES	NO	NO
SPBC21.06c	SPCC31H12.05c	0.4617361	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC19E9.02	0.4615371	Novel	NO	YES	YES	YES
SPAPB2B4.03	SPBC119.02	0.4614955	Novel	NO	NO	NO	NO
SPBC12D12.08c	SPAC11G7.04	0.4612036	Novel	NO	NO	NO	NO
SPAC1805.12c	SPBC12D12.08c	0.4612036	Novel	NO	NO	NO	NO
SPAC22H10.04	SPAC3F10.02c	0.4611931	Novel	NO	NO	NO	NO
SPBC1198.09	SPBC26H8.07c	0.461026	Novel	NO	NO	NO	NO
SPAC24H6.03	SPBC1198.09	0.4609837	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPCC24B10.07	0.4608207	Novel	NO	YES	YES	NO
SPAC110.03	SPBC1198.09	0.4607469	Novel	NO	NO	NO	NO
SPBC4.05	SPBC1198.09	0.4606726	Novel	NO	YES	NO	NO
SPCC794.03	SPCC965.13	0.4605276	Novel	NO	NO	NO	NO
SPAC3A12.14	SPBC11C11.02	0.4604894	Novel	NO	YES	NO	NO
SPAC821.12	SPAC664.07c	0.4604859	Novel	NO	YES	NO	NO
SPBC1198.09	SPBC1D7.04	0.4604413	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC1739.11c	0.4603727	Novel	YES	YES	YES	YES
SPAC1B9.02c	SPCC24B10.07	0.4602202	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPAC23C11.16	0.4601181	Novel	NO	YES	YES	NO
SPAC57A7.08	SPAC1687.15	0.4599459	Novel	NO	NO	YES	NO
SPBC1685.06	SPAC664.07c	0.4599412	Novel	NO	NO	NO	NO

SPAC1F7.04	SPBC16C6.07c	0.4598641	Novel	NO	NO	NO	NO
SPAC19D5.01	SPBC18H10.15	0.4596596	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC22F3.09c	0.4595999	Novel	NO	NO	NO	NO
SPBC1685.06	SPAC8E11.02c	0.4593652	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPAC821.12	0.4593203	Novel	NO	NO	YES	NO
SPBC1685.06	SPAC17A2.13c	0.4590961	Novel	NO	NO	NO	NO
SPBC354.03	SPAC630.14c	0.4588958	Novel	YES	NO	NO	NO
SPBC337.08c	SPBC29B5.01	0.4588766	Novel	NO	NO	NO	YES
SPBC11B10.09	SPAC23H4.17c	0.4587789	Novel	NO	YES	YES	NO
SPCC4E9.02	SPBC19C2.05	0.4587113	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC887.10	0.4585784	Novel	NO	NO	NO	NO
SPAC821.09	SPAC821.12	0.4585624	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC17A2.09c	0.4585187	Novel	NO	NO	NO	YES
SPAC1D4.13	SPAC2C4.14c	0.4584436	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC16.01	0.4584403	Novel	NO	YES	NO	NO
SPCC18B5.03	SPAC10F6.02c	0.4580856	Novel	NO	YES	NO	NO
SPAC8E11.02c	SPAC10F6.02c	0.4577755	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC19C2.05	0.4575108	Novel	NO	YES	YES	YES
SPAC1F7.04	SPBC19F8.07	0.4572007	Novel	NO	NO	NO	NO
SPBC1685.06	SPAC57A7.04c	0.4571968	Novel	NO	NO	NO	NO
SPBC543.07	SPCC24B10.07	0.4569662	Novel	NO	YES	YES	NO
SPBC16A3.15c	SPAC11E3.04c	0.4569554	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC19E9.03	0.4568878	Novel	NO	YES	NO	YES
SPAC2F3.15	SPBC1604.14c	0.4568195	Novel	NO	YES	NO	NO
SPAC10F6.02c	SPAC23C11.11	0.4568023	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAPB18E9.04c	0.4565788	Novel	NO	NO	YES	NO
SPBC21.06c	SPAC823.15	0.4565445	Novel	NO	NO	NO	YES
SPBC409.07c	SPAC9G1.09	0.4564695	Novel	NO	YES	YES	YES
SPBC9B6.10	SPBC18H10.15	0.456246	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPBC11B10.09	0.456017	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPBP16F5.02	0.4560056	Novel	NO	YES	NO	YES
SPAC21E11.03c	SPAC22F3.02	0.4559903	Novel	NO	YES	YES	YES
SPAC823.15	SPBC19F8.07	0.4556744	Novel	NO	NO	NO	NO
SPAC926.04c	SPBC1685.06	0.4556526	Novel	NO	YES	NO	NO
SPBC1685.06	SPAC9G1.05	0.4556441	Novel	NO	NO	NO	NO
SPBP19A11.03c	SPBC337.08c	0.4555564	Novel	NO	NO	NO	YES
SPCC16C4.11	SPBC32C12.02	0.455527	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC2F7.03c	0.4553676	Novel	NO	NO	NO	YES
SPCC4E9.02	SPBC16E9.17c	0.4551455	Novel	NO	YES	YES	NO
SPAC20H4.09	SPAC17A2.13c	0.4551285	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16E9.11c	0.4550118	Novel	NO	NO	NO	NO
SPCC1223.06	SPAC2C4.14c	0.4550021	Novel	YES	NO	NO	NO
SPBC11B10.09	SPBC14F5.08	0.4548395	Novel	NO	NO	NO	NO
SPAC821.12	SPBC244.01c	0.4547443	Novel	NO	YES	NO	NO
SPCC736.14	SPBC800.05c	0.4546256	Novel	NO	NO	NO	YES
SPAC2F3.15	SPBC19F8.07	0.4544668	Novel	NO	YES	YES	NO
SPBP8B7.16c	SPCC1259.13	0.4543897	Novel	YES	YES	NO	NO

SPBC16A3.15c	SPCC736.14	0.4541816	Novel	NO	NO	NO	YES
SPAC637.10c	SPBC337.08c	0.4537461	Novel	NO	NO	NO	YES
SPBC19C7.03	SPCC320.13c	0.4535622	Novel	NO	YES	NO	NO
SPBC1105.09	SPBC15D4.14	0.4535595	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPCC16A11.17	0.4533413	Novel	NO	YES	NO	NO
SPBC19F8.01c	SPAC4F10.11	0.4532138	Novel	YES	YES	NO	NO
SPBC1105.09	SPAC6F12.15c	0.4531276	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPAC23H4.17c	0.4530986	Novel	NO	YES	YES	NO
SPAC8E11.02c	SPCC320.13c	0.4530568	Novel	YES	YES	NO	YES
SPAC18G6.03	SPAC607.09c	0.4529824	Novel	YES	NO	NO	NO
SPCC4E9.02	SPBC19C2.01	0.4529221	Novel	NO	NO	NO	NO
SPAC1D4.13	SPBC18H10.15	0.452782	Novel	NO	YES	YES	NO
SPCC31H12.05c	SPCC1739.11c	0.4527114	Novel	NO	NO	NO	NO
SPAC821.12	SPCC1739.11c	0.4526684	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC32F12.06	0.4525941	Novel	NO	YES	NO	YES
SPAPB18E9.04c	SPAC20H4.11c	0.4525859	Novel	NO	NO	NO	NO
SPBC19F8.01c	SPAC9G1.11c	0.4525666	Novel	YES	YES	NO	NO
SPBC119.08	SPBC106.10	0.4525088	Novel	YES	YES	YES	NO
SPCC16C4.11	SPBC19C7.03	0.4524139	Novel	NO	YES	NO	NO
SPBC19F8.01c	SPBC16A3.01	0.4524098	Novel	YES	YES	NO	NO
SPAC24H6.05	SPAC9G1.02	0.4523171	Novel	YES	NO	YES	YES
SPAC823.15	SPAC1F3.02c	0.4522428	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPBC11B10.09	0.4522145	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC11G7.02	0.4520784	Novel	NO	NO	NO	YES
SPCC4E9.02	SPAC644.06c	0.4520246	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC336.12c	0.4519324	Novel	NO	NO	NO	NO
SPBC30D10.10c	SPAC821.08c	0.4519262	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC1805.17	0.451855	Novel	NO	NO	NO	YES
SPCC4E9.02	SPAC57A10.02	0.4518231	Novel	NO	NO	YES	NO
SPBC18H10.15	SPAC821.04c	0.4514469	Novel	NO	YES	NO	NO
SPCC4E9.02	SPBC725.16	0.4513215	Novel	NO	NO	NO	NO
SPCC1739.11c	SPAC23H4.17c	0.4509773	Novel	NO	NO	NO	NO
SPCC1259.15c	SPCC338.05c	0.4509554	Novel	NO	YES	YES	NO
SPBC582.03	SPAC10F6.02c	0.4509471	Novel	NO	NO	NO	NO
SPAC821.12	SPBP4H10.04	0.4509222	Novel	NO	NO	YES	NO
SPCC16C4.11	SPBC19C2.05	0.4508774	Novel	NO	YES	YES	NO
SPBC543.07	SPAC22H10.04	0.4508035	Novel	YES	NO	NO	NO
SPAC821.12	SPAC6F6.08c	0.450746	Novel	NO	YES	NO	NO
SPCC18B5.03	SPAC23H4.17c	0.450713	Novel	NO	YES	NO	NO
SPBC4.05	SPBP16F5.04	0.4504938	Novel	NO	YES	NO	NO
SPAC16A10.04	SPAC23C4.08	0.4504441	Novel	NO	YES	YES	YES
SPBC18H10.15	SPBC342.05	0.4503739	Novel	NO	NO	NO	NO
SPBC13G1.10c	SPAC644.12	0.450361	Novel	NO	NO	NO	NO
SPAPYUG7.02c	SPBC11B10.09	0.4500746	Novel	NO	YES	NO	YES
SPAC31G5.09c	SPAC22H10.04	0.4500708	Novel	NO	NO	NO	NO
SPAC16.01	SPAPB18E9.04c	0.450018	Novel	NO	NO	NO	NO
SPAC821.12	SPAC1782.09c	0.4499743	Novel	NO	YES	NO	NO

SPBC19C7.03	SPAC1D4.13	0.4497806	Novel	NO	YES	NO	YES
SPBC1703.10	SPAC9E9.07c	0.4495856	Novel	NO	YES	YES	NO
SPAC6F6.15	SPAC9E9.07c	0.4495281	Novel	NO	YES	YES	NO
SPAC23E2.02	SPCC4G3.07c	0.4494919	Novel	YES	YES	YES	YES
SPBC1D7.04	SPBP16F5.04	0.4493575	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC1782.09c	0.4493476	Novel	NO	NO	NO	NO
SPBC16A3.05c	SPCC417.08	0.4492761	Novel	NO	NO	NO	NO
SPAC24H6.03	SPBP16F5.04	0.4491217	Novel	NO	NO	NO	NO
SPAC110.03	SPBP16F5.04	0.4490189	Novel	NO	NO	NO	NO
SPAC1F7.04	SPCC24B10.07	0.4489021	Novel	NO	YES	NO	NO
SPBC26H8.07c	SPBP16F5.04	0.4489003	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAPB2B4.03	0.4487168	Novel	NO	YES	NO	YES
SPAC1F7.04	SPAPB18E9.04c	0.4487101	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC5H10.11	0.4486182	Novel	YES	NO	NO	NO
SPBC16H5.07c	SPBC19F8.07	0.448542	Novel	YES	NO	NO	YES
SPAC24H6.05	SPBC8D2.01	0.4484187	Novel	YES	NO	NO	NO
SPAC821.12	SPAC1F7.04	0.448051	Novel	NO	YES	YES	YES
SPBC11B10.09	SPAC1687.15	0.447832	Novel	NO	YES	YES	NO
SPAC57A7.08	SPBC19F8.07	0.4477912	Novel	YES	NO	NO	NO
SPBC800.05c	SPAC18B11.07c	0.4477097	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC24B11.06c	0.4476449	Novel	NO	NO	YES	NO
SPAC1783.07c	SPBC11B10.09	0.4475954	Novel	NO	NO	NO	YES
SPBC32F12.09	SPAC821.12	0.4473618	Novel	NO	NO	YES	NO
SPCC16C4.09	SPAC1D4.13	0.4473009	Novel	NO	NO	NO	NO
SPAC1D4.13	SPCC5E4.04	0.4472187	Novel	NO	YES	NO	NO
SPAC16A10.04	SPAPB15E9.01c	0.4471218	Novel	NO	NO	NO	NO
SPAC19G12.06c	SPBC119.14	0.4467076	Novel	NO	NO	NO	YES
SPCC622.08c	SPBC119.14	0.4467015	Novel	NO	NO	NO	YES
SPCC16C4.11	SPCC4F11.02	0.4466407	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC630.14c	0.4465433	Novel	NO	YES	NO	NO
SPAC16A10.07c	SPAC637.12c	0.4465125	Novel	NO	YES	YES	NO
SPAC607.09c	SPBC1703.10	0.4465027	Novel	NO	NO	NO	NO
SPCC297.03	SPCC16C4.11	0.4464725	Novel	NO	YES	YES	NO
SPAC24H6.05	SPBP8B7.16c	0.4464615	Novel	YES	NO	NO	NO
SPAC16.01	SPCC24B10.07	0.4464088	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC17G8.14c	0.4463958	Novel	NO	YES	YES	NO
SPAC664.07c	SPBC119.14	0.4462531	Novel	NO	YES	NO	YES
SPAC821.12	SPCC188.02	0.4462214	Novel	NO	NO	NO	NO
SPAC18B11.10	SPAC1D4.13	0.4456399	Novel	NO	YES	NO	NO
SPCC417.08	SPAC3G6.02	0.4456375	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC685.09	0.4455012	Novel	NO	NO	NO	NO
SPAC16.01	SPBC1D7.05	0.4453643	Novel	NO	YES	NO	NO
SPAC1F3.02c	SPAC2C4.14c	0.4453474	Novel	YES	YES	YES	NO
SPBC12D12.07c	SPAC16.01	0.4453472	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC2G11.12	0.4453164	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPAC1F3.02c	0.4453159	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC2F3.15	0.4452875	Novel	NO	YES	NO	NO

SPAC821.12	SPAC23C4.08	0.4452808	Novel	NO	YES	YES	NO
SPCC4E9.02	SPBC646.09c	0.4452722	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC17C9.01c	0.4452458	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC25B2.05	0.4451086	Novel	NO	NO	NO	NO
SPBP4H10.04	SPCC320.13c	0.4450698	Novel	NO	NO	NO	NO
SPBC21.06c	SPBC16H5.07c	0.444994	Novel	NO	NO	NO	YES
SPCC4E9.02	SPAC6F12.15c	0.4449441	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBP4H10.04	0.4449336	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPBC19F8.07	0.4448738	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBP16F5.02	0.4448278	Novel	NO	NO	YES	NO
SPCC4E9.02	SPAC18B11.07c	0.4447888	Novel	NO	NO	NO	NO
SPBC16G5.12c	SPCC4E9.02	0.4447041	Novel	NO	NO	NO	NO
SPAC15A10.03c	SPBC18H10.15	0.4445895	Novel	NO	YES	NO	NO
SPCC4E9.02	SPAC9E9.13	0.4445805	Novel	NO	NO	YES	NO
SPACUNK12.02c	SPAC17A2.13c	0.4445509	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC821.08c	0.4445038	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC32H8.12c	0.4443026	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC14C8.07c	0.4442033	Novel	NO	YES	NO	NO
SPAC17H9.09c	SPBC16C6.07c	0.4441289	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC1F5.09c	0.4440634	Novel	NO	YES	NO	YES
SPAC57A7.08	SPBC8D2.01	0.4440329	Novel	YES	NO	YES	NO
SPBC725.16	SPBC16A3.11	0.4439158	Novel	NO	NO	NO	YES
SPBC18H10.15	SPBC646.13	0.4438076	Novel	NO	NO	NO	NO
SPAC821.12	SPBC11B10.09	0.4436531	Novel	NO	YES	YES	YES
SPAC19G12.01c	SPAC821.08c	0.4436065	Novel	YES	YES	NO	YES
SPCC338.17c	SPBC119.14	0.4435084	Novel	NO	YES	YES	YES
SPCC4E9.02	SPCC18B5.03	0.4434879	Novel	NO	NO	YES	NO
SPBC6B1.07	SPBC13G1.10c	0.4432548	Novel	NO	NO	NO	NO
SPCC24B10.07	SPAC20H4.11c	0.4432547	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPBC887.04c	0.4431211	Novel	NO	NO	NO	NO
SPAC9E9.07c	SPAC17G6.04c	0.4430848	Novel	NO	NO	NO	NO
SPAC11E3.09	SPBC18H10.15	0.4428723	Novel	NO	NO	NO	NO
SPAC821.12	SPAC20H4.11c	0.4427993	Novel	NO	NO	NO	NO
SPAC1420.02c	SPAC17H9.19c	0.44279	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC17G8.14c	0.4426899	Novel	NO	YES	YES	NO
SPAC144.13c	SPBC725.16	0.4426787	Novel	NO	NO	NO	YES
SPAC110.03	SPCC24B10.07	0.4425959	Novel	NO	YES	NO	NO
SPAC823.15	SPAC1565.06c	0.4425544	Novel	NO	NO	NO	YES
SPBC4F6.18c	SPBC11C11.04c	0.4425066	Novel	NO	NO	NO	NO
SPCC16C4.11	SPACUNK12.02c	0.4424262	Novel	NO	YES	YES	NO
SPBC776.12c	SPAC1B2.05	0.4423511	Novel	NO	YES	YES	YES
SPBC8D2.01	SPBP4H10.04	0.4422443	Novel	NO	NO	YES	NO
SPBC11B10.09	SPBC106.10	0.4422199	Novel	NO	YES	YES	NO
SPBC2F12.13	SPAC1F5.09c	0.4421378	Novel	NO	YES	NO	YES
SPAC9G1.09	SPBC21D10.12	0.4421166	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC1952.07	0.4419762	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPBC4.04c	0.4419575	Novel	YES	YES	NO	NO

SPCC576.15c	SPCC4G3.08	0.4418371	Novel	NO	YES	YES	NO
SPAC16A10.04	SPAC821.12	0.4418358	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC18B11.07c	0.441757	Novel	NO	NO	NO	NO
SPAC823.15	SPCC1739.11c	0.4416549	Novel	NO	NO	NO	YES
SPAC23C4.08	SPAC2C4.14c	0.4414657	Novel	NO	NO	NO	NO
SPAC630.03	SPAC4A8.15c	0.4414488	Novel	YES	NO	YES	YES
SPAC644.12	SPCP31B10.07	0.44142	Novel	NO	NO	NO	NO
SPAC513.01c	SPAC644.12	0.44142	Novel	NO	NO	NO	NO
SPBC6B1.07	SPCP31B10.07	0.4413624	Novel	NO	NO	NO	NO
SPAC513.01c	SPBC6B1.07	0.4413624	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPAC23H3.04	0.4413405	Novel	YES	NO	NO	NO
SPCC1223.06	SPAC1F5.09c	0.4413167	Novel	NO	YES	NO	YES
SPCC16C4.11	SPAC1F7.04	0.4412822	Novel	NO	YES	NO	NO
SPAC4G9.08c	SPBC14F5.08	0.4410665	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPBC6B1.07	0.4410623	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPCC5E4.04	0.441014	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC24H6.05	0.440882	Novel	NO	NO	YES	NO
SPBC119.14	SPAC2G11.12	0.440864	Novel	NO	YES	YES	YES
SPAC144.13c	SPBC18H10.15	0.4406873	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC1A4.02c	0.4404782	Novel	NO	NO	NO	NO
SPAC16.01	SPCC1682.16	0.440327	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC2F12.13	0.4403029	Novel	NO	YES	NO	NO
SPBC4F6.15c	SPBC119.14	0.4402556	Novel	NO	NO	NO	YES
SPAC29B12.02c	SPAC4G9.08c	0.4402263	Novel	NO	NO	NO	NO
SPAC18G6.03	SPAC823.15	0.4402122	Novel	NO	NO	NO	NO
SPAC343.09	SPBC23G7.12c	0.4402107	Novel	NO	NO	NO	NO
SPBC23G7.12c	SPAC2C4.15c	0.4401042	Novel	NO	NO	YES	NO
SPCC4E9.02	SPAC19E9.03	0.4400961	Novel	NO	YES	YES	NO
SPAC821.12	SPBC1718.07c	0.4399943	Novel	NO	YES	NO	NO
SPAC1556.01c	SPBC119.14	0.439937	Novel	NO	NO	YES	YES
SPBC23G7.12c	SPBC14C8.01c	0.4398918	Novel	NO	NO	NO	NO
SPCC4E9.02	SPBC16A3.11	0.4398765	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPAC9E9.10c	0.4398734	Novel	NO	NO	YES	NO
SPBC11B10.09	SPBC8D2.19	0.4397749	Novel	NO	YES	YES	NO
SPAC4G9.08c	SPCC1442.10c	0.4397717	Novel	NO	YES	NO	NO
SPAC22E12.07	SPCC1235.05c	0.4397497	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPCC320.13c	0.4395833	Novel	NO	YES	YES	YES
SPCC18B5.03	SPBC725.16	0.439558	Novel	NO	NO	NO	YES
SPCC4E9.02	SPBC2F12.11c	0.4394444	Novel	NO	NO	NO	NO
SPBC119.14	SPBC342.05	0.4393752	Novel	NO	YES	NO	YES
SPAC4G9.08c	SPAC23C4.15	0.4393566	Novel	YES	YES	YES	NO
SPAC1D4.06c	SPAC23H4.17c	0.4393069	Novel	NO	YES	YES	NO
SPAC664.01c	SPAC637.12c	0.4392985	Novel	NO	YES	YES	NO
SPBC428.16c	SPAC17G6.04c	0.4392446	Novel	NO	NO	NO	YES
SPAC15A10.03c	SPBC119.14	0.4392223	Novel	NO	NO	YES	YES
SPCC1020.04c	SPAC4G9.08c	0.4392018	Novel	YES	YES	YES	NO
SPAC821.12	SPBC4C3.12	0.4391753	Novel	NO	NO	YES	NO

SPACUNK4.06c	SPAC4G9.08c	0.4390263	Novel	NO	YES	NO	NO
SPBC18H10.15	SPAC22F3.09c	0.4389955	Novel	NO	NO	NO	NO
SPAC3A12.07	SPAC4G9.08c	0.4389096	Novel	NO	YES	NO	NO
SPBC336.12c	SPBC18H10.15	0.4386297	Novel	NO	NO	NO	NO
SPAC11E3.04c	SPAC23C4.08	0.4386097	Novel	NO	YES	NO	NO
SPBC18H10.15	SPBC776.02c	0.438603	Novel	NO	NO	NO	NO
SPAC823.15	SPCC830.06	0.4384205	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPBC24C6.07	0.4383381	Novel	NO	YES	YES	NO
SPCC4G3.05c	SPBC119.14	0.438209	Novel	NO	YES	YES	YES
SPAC1B9.02c	SPCC320.13c	0.4381946	Novel	NO	YES	NO	NO
SPAC19B12.05c	SPAC4G9.08c	0.4380925	Novel	NO	NO	NO	NO
SPBC19F8.07	SPAC23H4.17c	0.4380298	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC26H8.05c	0.4379755	Novel	NO	NO	NO	NO
SPAC4H3.05	SPBC119.14	0.4379746	Novel	NO	NO	NO	YES
SPCC1672.08c	SPAC4G9.08c	0.4379535	Novel	NO	YES	NO	NO
SPBC119.14	SPBC543.03c	0.4379497	Novel	NO	NO	NO	YES
SPCC970.07c	SPAC6G10.11c	0.437923	Novel	YES	NO	NO	NO
SPCC970.07c	SPAC589.10c	0.437923	Novel	YES	NO	NO	NO
SPAC16A10.07c	SPBC119.14	0.4378838	Novel	NO	YES	YES	YES
SPBC119.14	SPAC1687.05	0.437833	Novel	NO	NO	NO	YES
SPBC543.07	SPBC26H8.05c	0.4378313	Novel	NO	NO	NO	NO
SPBC336.01	SPBC119.14	0.4378307	Novel	NO	YES	YES	YES
SPBC28F2.12	SPAC4G9.08c	0.4377916	Novel	NO	YES	NO	NO
SPAC4G9.08c	SPAC1B3.12c	0.4377769	Novel	YES	YES	YES	NO
SPBC18H10.15	SPCC1322.12c	0.4377013	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPBC106.10	0.4376785	Novel	NO	YES	YES	NO
SPBC16G5.12c	SPBC119.14	0.4376366	Novel	NO	YES	NO	YES
SPCC576.03c	SPBC11B10.09	0.4375598	Novel	NO	YES	NO	YES
SPAC3C7.03c	SPBC119.14	0.4375515	Novel	NO	NO	YES	YES
SPAC9G1.02	SPBC1706.01	0.4374929	Novel	NO	NO	NO	YES
SPBC119.14	SPAC30D11.13	0.4374177	Novel	NO	YES	NO	YES
SPBC1921.03c	SPCC417.08	0.4372577	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPBC18H10.15	0.4372171	Novel	NO	NO	NO	NO
SPBC14C8.12	SPAC4G9.08c	0.4371645	Novel	YES	YES	YES	NO
SPBC13G1.11	SPAPB1A10.10c	0.4370727	Novel	NO	NO	YES	NO
SPCC970.04c	SPAC29A4.05	0.4370609	Novel	YES	YES	NO	NO
SPAC977.10	SPBC11B10.09	0.4370544	Novel	NO	NO	NO	YES
SPAC9E9.07c	SPAC16E8.09	0.4370017	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPAC823.15	0.4367601	Novel	NO	NO	NO	NO
SPAC17A2.13c	SPCC320.13c	0.43667	Novel	NO	YES	NO	NO
SPCC1682.16	SPAC20H4.11c	0.4365539	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC12D12.04c	0.4363947	Novel	NO	YES	YES	NO
SPAC1D4.13	SPAC9G1.09	0.4363576	Novel	NO	YES	YES	YES
SPAC821.12	SPAC16.01	0.4361694	Novel	NO	YES	YES	NO
SPAPB15E9.01c	SPAC14C4.09	0.4360052	Novel	YES	NO	NO	NO
SPAC1D4.13	SPAC1751.01c	0.4358349	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC4.07c	0.4358132	Novel	NO	YES	NO	NO

SPAC3A12.14	SPBC4C3.12	0.4356361	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBP19A11.04c	0.4355602	Novel	NO	YES	NO	NO
SPAC6G10.11c	SPAC17G6.12	0.4355533	Novel	NO	NO	NO	NO
SPAC589.10c	SPAC17G6.12	0.4355533	Novel	NO	NO	NO	NO
SPBC19C2.03	SPAC4G9.08c	0.4354672	Novel	YES	YES	YES	NO
SPCC16C4.11	SPAC20H4.11c	0.4353961	Novel	NO	NO	NO	NO
SPAC24H6.03	SPAC6G10.11c	0.4353935	Novel	NO	NO	NO	NO
SPAC24H6.03	SPAC589.10c	0.4353935	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPBC14C8.07c	0.4353523	Novel	NO	YES	NO	NO
SPAC1D4.13	SPBC428.16c	0.4353301	Novel	NO	YES	NO	NO
SPAC589.10c	SPAC17H9.19c	0.4352442	Novel	NO	NO	NO	NO
SPAC6G10.11c	SPAC17H9.19c	0.4352442	Novel	NO	NO	NO	NO
SPBC21.06c	SPCC320.13c	0.4352343	Novel	NO	YES	NO	YES
SPCC338.17c	SPAC637.12c	0.4352135	Novel	NO	YES	YES	NO
SPBC3B9.11c	SPBC725.16	0.4352059	Novel	NO	NO	NO	YES
SPBC543.07	SPAC2C4.14c	0.4351437	Novel	NO	YES	YES	NO
SPAC589.10c	SPCC11E10.08	0.4351369	Novel	NO	NO	NO	NO
SPAC6G10.11c	SPCC11E10.08	0.4351369	Novel	NO	NO	NO	NO
SPAC1D4.13	SPBC9B6.10	0.4351056	Novel	NO	YES	NO	NO
SPAC1D4.13	SPAC23D3.04c	0.4350987	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC354.05c	0.4350192	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC1259.13	0.4346928	Novel	NO	YES	YES	NO
SPAC644.06c	SPCC320.13c	0.4346275	Novel	NO	YES	NO	NO
SPAC24C9.15c	SPAC4F10.11	0.4346217	Novel	YES	YES	NO	NO
SPAC1D4.13	SPCC4F11.02	0.4346174	Novel	NO	NO	NO	NO
SPAC3A12.14	SPAC631.01c	0.4345014	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC22H10.04	0.4344828	Novel	YES	YES	YES	NO
SPBC215.05	SPAC1D4.13	0.4343581	Novel	NO	NO	NO	NO
SPCC24B10.07	SPAC1F3.02c	0.4343317	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPCC16A11.17	0.4342251	Novel	NO	YES	NO	YES
SPAC1D4.13	SPAC2G11.07c	0.4340629	Novel	NO	NO	NO	NO
SPAC9G1.11c	SPAC24C9.15c	0.4340316	Novel	YES	YES	NO	NO
SPBC11B10.09	SPBC12D12.04c	0.4340179	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC3A11.09	0.4340049	Novel	NO	NO	NO	NO
SPAC589.02c	SPBC11B10.09	0.4339364	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPAC1D4.13	0.4337298	Novel	NO	NO	NO	NO
SPAPB15E9.01c	SPAC23H3.04	0.4336753	Novel	NO	NO	YES	NO
SPBC428.16c	SPBC1718.07c	0.4335963	Novel	NO	YES	NO	NO
SPAC1D4.04	SPAC17H9.19c	0.4335849	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC1711.17	0.4335422	Novel	NO	YES	NO	NO
SPCC645.05c	SPCC1919.10c	0.4335253	Novel	NO	YES	NO	YES
SPBC18H10.15	SPAC9E9.13	0.4334445	Novel	NO	NO	NO	NO
SPAC821.12	SPAC6F12.12	0.433432	Novel	NO	NO	NO	NO
SPBC2F12.13	SPAC9E9.07c	0.4331645	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC725.16	0.4331336	Novel	NO	NO	YES	YES
SPAC821.12	SPAC1006.08	0.4330347	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC1703.10	0.4330143	Novel	NO	NO	NO	NO

SPAC637.07	SPAC9E9.07c	0.4329959	Novel	NO	NO	NO	NO
SPAC926.04c	SPBC18H10.15	0.4329835	Novel	NO	YES	NO	NO
SPAC110.03	SPBC19F8.07	0.432959	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC9G1.09	0.4329244	Novel	NO	YES	NO	YES
SPAC1D4.06c	SPBC119.08	0.4328771	Novel	NO	YES	YES	NO
SPBC18H10.15	SPCC1795.11	0.4328331	Novel	NO	YES	NO	NO
SPAC823.15	SPBC24C6.07	0.4327508	Novel	NO	NO	NO	NO
SPBC4.07c	SPAC20H4.11c	0.4326006	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC1D7.05	0.4325678	Novel	NO	YES	NO	NO
SPBC428.16c	SPAC1F5.09c	0.4324033	Novel	NO	YES	NO	NO
SPCC16C4.11	SPCC4E9.02	0.4322125	Novel	NO	NO	NO	NO
SPBC12D12.08c	SPAC6G10.11c	0.4321387	Novel	NO	NO	NO	NO
SPBC12D12.08c	SPAC589.10c	0.4321387	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC32F12.04	0.432097	Novel	NO	YES	NO	NO
SPBC428.16c	SPAC16E8.09	0.43204	Novel	NO	YES	NO	NO
SPAC9G1.09	SPAC23H4.17c	0.4319275	Novel	NO	YES	YES	NO
SPCC5E4.03c	SPAC30D11.13	0.4318528	Novel	NO	YES	NO	YES
SPBC1778.10c	SPAC17G8.14c	0.4316796	Novel	YES	YES	YES	NO
SPBC12D12.04c	SPBC1778.10c	0.4316603	Novel	YES	YES	YES	NO
SPAC926.03	SPAC3A12.14	0.4315059	Novel	NO	YES	NO	NO
SPAC637.12c	SPBC776.12c	0.431334	Novel	NO	YES	YES	NO
SPBC1734.14c	SPBC18H10.15	0.4313142	Novel	NO	NO	YES	NO
SPBC428.16c	SPAC18G6.07c	0.4312544	Novel	NO	NO	NO	NO
SPBC428.16c	SPBC32H8.07	0.4311442	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC19F8.01c	0.4311328	Novel	NO	NO	NO	NO
SPAC29E6.01	SPBC409.05	0.4311247	Novel	NO	YES	NO	NO
SPAC821.12	SPAPYUG7.03c	0.4311144	Novel	NO	NO	NO	NO
SPCC645.05c	SPAC821.12	0.4311023	Novel	NO	YES	NO	NO
SPAC9G1.09	SPCC320.13c	0.4309945	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC21.06c	0.4309915	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC8E11.02c	0.4309009	Novel	NO	YES	NO	NO
SPAC19B12.03	SPAC23H3.04	0.4308518	Novel	YES	NO	NO	NO
SPAC19G12.14	SPAC823.15	0.4308103	Novel	NO	NO	YES	NO
SPBC428.16c	SPBC646.09c	0.4307354	Novel	NO	YES	NO	YES
SPAC4D7.05	SPBC18H10.15	0.4306427	Novel	NO	NO	NO	NO
SPAC24H6.09	SPAC1F5.09c	0.4305775	Novel	NO	YES	NO	YES
SPBP4H10.04	SPAC1687.15	0.4305081	Novel	NO	NO	YES	YES
SPBC21.06c	SPBC26H8.05c	0.430317	Novel	NO	NO	NO	NO
SPAC637.07	SPBC428.16c	0.4302502	Novel	NO	YES	NO	NO
SPAC1F7.04	SPCC320.13c	0.4301978	Novel	NO	YES	NO	NO
SPBC409.07c	SPBC18H10.15	0.4300927	Novel	NO	YES	YES	NO
SPBC32F12.09	SPBC18H10.15	0.4300917	Novel	NO	NO	YES	NO
SPAC17G6.12	SPAC29E6.01	0.4300832	Novel	NO	NO	NO	NO
SPAC4D7.05	SPBC16C6.07c	0.4300345	Novel	NO	NO	NO	NO
SPCC16C4.07	SPAC821.12	0.4300287	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC29B12.03	0.4299033	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC8D2.19	0.4298224	Novel	NO	YES	YES	NO

SPAC24C9.15c	SPBC16A3.01	0.4297739	Novel	YES	YES	NO	NO
SPBC428.16c	SPCC1223.06	0.4297082	Novel	NO	YES	NO	NO
SPAC110.03	SPAPB18E9.04c	0.42967	Novel	NO	NO	NO	NO
SPBC428.16c	SPAC222.10c	0.4296505	Novel	NO	YES	NO	NO
SPBC11B10.09	SPBC19C2.05	0.4296368	Novel	NO	YES	YES	YES
SPBC1711.17	SPAC23C11.11	0.4296017	Novel	NO	YES	NO	NO
SPAC823.15	SPBP16F5.07	0.4295433	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC582.03	0.4295364	Novel	NO	NO	NO	NO
SPCC16C4.08c	SPAC1F5.09c	0.4294159	Novel	NO	YES	NO	YES
SPAC6B12.11	SPBC18H10.15	0.4293905	Novel	NO	NO	NO	NO
SPBC1718.01	SPBC18H10.15	0.4293183	Novel	NO	NO	NO	NO
SPBC887.10	SPAC1006.09	0.429133	Novel	NO	YES	YES	YES
SPAC821.12	SPAC14C4.09	0.42907	Novel	NO	NO	NO	NO
SPBC409.07c	SPCC320.13c	0.4290082	Novel	NO	YES	NO	NO
SPAC29A4.02c	SPBC18H10.15	0.4288546	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPBC30D10.10c	0.428803	Novel	NO	YES	NO	NO
SPAC3A12.14	SPBC1347.12	0.4287532	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPBC16H5.07c	0.4286789	Novel	YES	NO	NO	YES
SPAC821.12	SPAC6G10.12c	0.4285733	Novel	NO	NO	NO	NO
SPAC637.10c	SPBC16C6.07c	0.4285501	Novel	YES	NO	YES	NO
SPAC9G1.09	SPAC1834.06c	0.4285398	Novel	YES	YES	NO	NO
SPAC22H10.07	SPAC1F5.09c	0.4284435	Novel	NO	YES	NO	YES
SPBC18H10.15	SPAC23C11.12	0.4283922	Novel	NO	NO	NO	NO
SPBC146.03c	SPBC18H10.15	0.4283727	Novel	NO	YES	NO	NO
SPAC637.12c	SPAC1952.05	0.4282955	Novel	YES	NO	YES	NO
SPAC821.12	SPCC970.09	0.4281946	Novel	YES	YES	NO	NO
SPAC821.12	SPBC16A3.01	0.4281538	Novel	NO	YES	NO	NO
SPAC630.03	SPACUNK4.06c	0.4281206	Novel	NO	YES	NO	NO
SPBC16H5.07c	SPCC1739.11c	0.4280972	Novel	YES	NO	NO	YES
SPBC1685.01	SPAC823.15	0.4280921	Novel	NO	NO	YES	NO
SPCC24B10.13	SPAC1F5.09c	0.4280412	Novel	NO	NO	NO	YES
SPBC428.16c	SPBC19C2.09	0.4280315	Novel	NO	NO	NO	NO
SPBC543.07	SPBC409.07c	0.428025	Novel	YES	YES	YES	YES
SPBC428.16c	SPAC1565.04c	0.4279813	Novel	NO	YES	NO	NO
SPAC16.01	SPBC16A3.15c	0.4279614	Novel	NO	YES	NO	NO
SPBC428.16c	SPBC646.12c	0.4279528	Novel	NO	NO	NO	NO
SPBC1711.17	SPAC8E11.02c	0.4279209	Novel	NO	NO	NO	NO
SPAC23C11.16	SPAC23H4.17c	0.427833	Novel	NO	YES	YES	NO
SPBC428.16c	SPBC21.05c	0.4277516	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPCC18B5.11c	0.4277319	Novel	NO	YES	YES	NO
SPAC6G9.08	SPBC16C6.07c	0.4276445	Novel	NO	NO	YES	NO
SPBC19C7.03	SPBC19F8.07	0.427603	Novel	NO	YES	NO	NO
SPBC428.16c	SPAC17C9.10	0.4275913	Novel	NO	NO	YES	NO
SPCC757.09c	SPAC823.15	0.4275862	Novel	NO	NO	NO	NO
SPBC16C6.07c	SPBC409.06	0.4275644	Novel	NO	NO	YES	NO
SPBC16C6.07c	SPBC646.09c	0.4275245	Novel	NO	NO	NO	NO
SPBC119.08	SPCC320.13c	0.4275228	Novel	NO	YES	YES	NO

SPAC24B11.06c	SPACUNK12.02c	0.4275221	Novel	NO	YES	YES	NO
SPAC821.12	SPAC23C11.16	0.4274197	Novel	NO	YES	YES	NO
SPBC18H10.15	SPBC16H5.11c	0.4273858	Novel	NO	NO	NO	NO
SPAC823.15	SPAC20G4.07c	0.4273479	Novel	NO	NO	NO	NO
SPAC821.12	SPBC24C6.07	0.4273303	Novel	NO	YES	NO	NO
SPCC24B10.07	SPBC1778.10c	0.4272933	Novel	NO	YES	YES	NO
SPBC16C6.07c	SPBP19A11.03c	0.4272788	Novel	YES	YES	YES	NO
SPAPB8E5.02c	SPBC16C6.07c	0.4271682	Novel	NO	NO	YES	NO
SPAC1420.03	SPBC16C6.07c	0.4271682	Novel	NO	NO	YES	NO
SPBC582.03	SPBC1711.17	0.4271143	Novel	NO	NO	NO	NO
SPAC13D6.02c	SPBC428.16c	0.4271084	Novel	NO	NO	NO	NO
SPBC18H10.06c	SPAC12G12.14c	0.4270861	Novel	NO	NO	NO	NO
SPBC428.13c	SPAC823.15	0.4270446	Novel	NO	NO	NO	YES
SPAC821.12	SPAC9G1.11c	0.4269006	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC11E3.09	0.4268344	Novel	NO	NO	NO	NO
SPAC110.03	SPAC821.12	0.4265511	Novel	NO	YES	YES	YES
SPAC16.01	SPCC320.13c	0.4265161	Novel	NO	YES	NO	NO
SPAC3A12.14	SPAC1F5.04c	0.4263539	Novel	NO	YES	NO	NO
SPBC18H10.15	SPCC16A11.05c	0.4263252	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPBC18H10.15	0.4263173	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC106.10	0.4261663	Novel	YES	YES	YES	YES
SPBC11B10.09	SPCC24B10.07	0.4261151	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPAC644.06c	0.4260988	Novel	NO	YES	YES	NO
SPAC30D11.10	SPAC11E3.04c	0.4259776	Novel	NO	YES	NO	NO
SPCC320.13c	SPCC1739.11c	0.425923	Novel	NO	YES	YES	YES
SPAC6F6.08c	SPAC23H4.17c	0.4259116	Novel	NO	NO	NO	NO
SPAC18G6.03	SPCC31H12.05c	0.425878	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC4C3.12	0.4258441	Novel	NO	NO	NO	NO
SPBC16H5.07c	SPAC1565.06c	0.4255951	Novel	NO	NO	NO	YES
SPBC16A3.15c	SPAC20H4.11c	0.4255791	Novel	NO	YES	NO	NO
SPBC543.07	SPAC821.12	0.4255556	Novel	NO	YES	YES	NO
SPCC4B3.15	SPAC2C4.14c	0.425534	Novel	NO	NO	NO	NO
SPAC57A10.03	SPAC23H3.04	0.4255048	Novel	NO	NO	NO	NO
SPAPB1A10.10c	SPCC895.07	0.4254638	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC32C12.03c	0.4254131	Novel	NO	YES	YES	NO
SPAC9G1.09	SPCC24B10.07	0.4253057	Novel	NO	YES	YES	NO
SPBC11B10.09	SPBC8D2.01	0.4251361	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC18H10.15	0.425125	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPCC320.13c	0.4247073	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPAC644.06c	0.4246012	Novel	YES	YES	YES	YES
SPAC630.03	SPAC1F5.04c	0.4244205	Novel	YES	YES	YES	NO
SPAC23H3.04	SPAPB1A10.10c	0.4242912	Novel	NO	NO	NO	NO
SPAC18B11.07c	SPAC23C4.08	0.4242832	Novel	NO	NO	NO	NO
SPBC582.03	SPAC23H4.17c	0.4242407	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1709.04c	0.4241907	Novel	NO	NO	NO	NO
SPAC23C4.19	SPBC19F8.07	0.4240963	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPCC31H12.05c	0.4240805	Novel	NO	NO	NO	NO

SPAC23H3.04	SPAC1250.03	0.4240342	Novel	NO	NO	NO	NO
SPBC19C7.03	SPAC821.12	0.4239304	Novel	NO	YES	NO	NO
SPAC23C11.16	SPBC106.10	0.4237946	Novel	YES	YES	YES	YES
SPBC26H8.05c	SPCC1739.11c	0.4237426	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC17G8.14c	0.4236565	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPBC211.04c	0.4236467	Novel	NO	YES	NO	YES
SPAC17H9.09c	SPAC22H10.12c	0.4235036	Novel	NO	NO	YES	NO
SPAC17A2.13c	SPAC10F6.02c	0.423403	Novel	NO	NO	NO	NO
SPAC24H6.09	SPAC2C4.14c	0.4233849	Novel	YES	NO	NO	NO
SPBC16A3.07c	SPBC725.16	0.4232168	Novel	YES	NO	NO	YES
SPBC30D10.06	SPAC644.12	0.4232159	Novel	YES	NO	YES	NO
SPAC24B11.11c	SPCC24B10.07	0.4231416	Novel	NO	YES	YES	NO
SPAC16.01	SPBC800.05c	0.4231145	Novel	NO	YES	YES	NO
SPAC27F1.02c	SPAC2C4.14c	0.4229919	Novel	NO	NO	NO	NO
SPBC1604.14c	SPAC23H4.17c	0.4229535	Novel	NO	YES	YES	NO
SPAC821.12	SPCC18B5.11c	0.4229378	Novel	NO	YES	YES	NO
SPBC1685.15c	SPBC26H8.07c	0.4227555	Novel	NO	NO	YES	NO
SPBC800.05c	SPAC1250.03	0.4226915	Novel	NO	NO	NO	NO
SPBP16F5.04	SPAC22H12.02	0.4225348	Novel	NO	NO	NO	NO
SPBC543.07	SPAC9G1.09	0.4224828	Novel	NO	YES	YES	NO
SPCC297.03	SPAC630.03	0.4224282	Novel	YES	YES	YES	NO
SPAC821.06	SPAC24C9.15c	0.4223783	Novel	YES	YES	NO	NO
SPAC31G5.09c	SPBC24C6.07	0.4223399	Novel	NO	NO	NO	NO
SPBC6B1.07	SPBC30D10.06	0.4223092	Novel	YES	NO	YES	NO
SPAC6F6.15	SPBC1703.10	0.4220448	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC776.12c	0.4219636	Novel	NO	YES	YES	NO
SPCC31H12.05c	SPAC1565.06c	0.4217969	Novel	NO	NO	NO	NO
SPCC576.17c	SPAC23H3.04	0.4217332	Novel	YES	NO	NO	NO
SPAC630.03	SPAC27E2.05	0.4214192	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPCC830.06	0.4213137	Novel	NO	NO	NO	NO
SPBC543.07	SPBC106.10	0.4213053	Novel	YES	YES	YES	NO
SPAC4D7.03	SPBC11B10.09	0.4212367	Novel	NO	YES	NO	YES
SPBC24C6.07	SPBC16H5.07c	0.4212028	Novel	NO	NO	NO	YES
SPBC21.06c	SPCC1739.12	0.4211896	Novel	NO	YES	NO	YES
SPBP4H10.04	SPBC19F8.07	0.4211142	Novel	NO	NO	NO	NO
SPAC1805.12c	SPAC11G7.04	0.4209242	Novel	YES	YES	YES	YES
SPAC17C9.13c	SPAC821.12	0.4208779	Novel	NO	NO	NO	NO
SPAC16A10.04	SPAC2C4.14c	0.4206485	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC24B10.07	0.4204996	Novel	NO	YES	YES	NO
SPBP4H10.04	SPAC31A2.09c	0.4202946	Novel	YES	NO	NO	NO
SPBC2F12.13	SPBC26H8.07c	0.42029	Novel	NO	NO	YES	NO
SPCC24B10.13	SPAC2C4.14c	0.4202183	Novel	NO	NO	NO	NO
SPBC21.06c	SPCC24B10.07	0.4201778	Novel	NO	YES	YES	NO
SPBC800.05c	SPAC20H4.11c	0.420018	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC821.12	0.4198721	Novel	NO	YES	YES	NO
SPBC12D12.01	SPAC31A2.09c	0.4197194	Novel	NO	NO	NO	NO
SPBC12D12.08c	SPBC29B5.01	0.4196387	Novel	NO	YES	NO	NO

SPAC3A11.13	SPAC23H3.04	0.4195444	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC26H8.05c	0.419539	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC1687.15	0.4195379	Novel	NO	NO	NO	NO
SPBC24C6.07	SPCC31H12.05c	0.4195302	Novel	NO	NO	NO	NO
SPBC2F12.13	SPAC2C4.14c	0.4194674	Novel	NO	YES	NO	NO
SPCC794.03	SPAC23H3.04	0.4194448	Novel	YES	NO	NO	NO
SPAC23A1.06c	SPAC23H4.17c	0.4193864	Novel	NO	YES	YES	NO
SPAC19G12.14	SPCC31H12.05c	0.4193017	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC649.05	0.4192874	Novel	NO	YES	NO	YES
SPAC24B11.06c	SPBC29A10.15	0.4191993	Novel	NO	YES	NO	YES
SPCC16C4.11	SPAC23H4.17c	0.4191031	Novel	NO	YES	YES	NO
SPAC31G5.21	SPAC23H3.04	0.4190261	Novel	NO	NO	YES	NO
SPAC19G12.14	SPBC16H5.07c	0.4189182	Novel	NO	NO	YES	YES
SPBC18H10.15	SPCC1322.08	0.418829	Novel	NO	YES	YES	NO
SPCC24B10.07	SPAC23C4.08	0.4187977	Novel	NO	YES	NO	NO
SPBC365.15	SPBC26H8.07c	0.4186176	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC2C4.14c	0.4185727	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBP16F5.02	0.4184127	Novel	NO	NO	NO	NO
SPBC16C6.07c	SPCC5E4.04	0.4183313	Novel	NO	NO	NO	NO
SPAC607.09c	SPAC4C5.02c	0.4182966	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC409.07c	0.4181697	Novel	YES	YES	NO	YES
SPBC32C12.02	SPBC19F8.07	0.4179893	Novel	NO	NO	NO	NO
SPAC22E12.16c	SPAC3A12.14	0.4179206	Novel	NO	YES	NO	NO
SPAC1D4.13	SPAC9E9.07c	0.4179102	Novel	NO	NO	NO	NO
SPCC4G3.08	SPBC30D10.10c	0.4178647	Novel	NO	YES	NO	NO
SPAC23G3.01	SPAC22A12.05	0.4178561	Novel	NO	YES	NO	NO
SPAC23C11.16	SPCC320.13c	0.4176169	Novel	NO	YES	NO	YES
SPAC630.03	SPAC2F7.03c	0.4175709	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC3C7.06c	0.4175569	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPBC12D12.04c	0.4175189	Novel	NO	YES	YES	NO
SPBP16F5.07	SPCC31H12.05c	0.4174228	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC1786.03	0.41722	Novel	YES	NO	NO	YES
SPCC297.03	SPBC19F8.07	0.4171316	Novel	YES	YES	YES	NO
SPAC24H6.05	SPAC2F3.15	0.4171311	Novel	NO	NO	NO	YES
SPBC1685.01	SPCC31H12.05c	0.4170649	Novel	NO	NO	NO	NO
SPAC9G1.09	SPCC18B5.11c	0.417063	Novel	NO	YES	YES	YES
SPAC630.03	SPBC336.12c	0.4169255	Novel	YES	YES	NO	NO
SPBC32H8.10	SPAC2F3.15	0.4168484	Novel	YES	YES	YES	NO
SPAC30D11.13	SPBC15D4.14	0.4168121	Novel	NO	NO	NO	YES
SPAC29A4.16	SPBC19F8.07	0.4168086	Novel	NO	YES	YES	NO
SPBC19C2.05	SPAC9E9.07c	0.4165942	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC1250.03	0.4165374	Novel	NO	NO	NO	NO
SPAC664.01c	SPAC11E3.04c	0.4164973	Novel	NO	YES	NO	NO
SPAC3A12.14	SPAC20G4.06c	0.4164834	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC1639.02c	0.4164231	Novel	NO	NO	YES	NO
SPAC110.03	SPCC320.13c	0.4163742	Novel	NO	YES	NO	NO
SPAC1B9.02c	SPAC17G8.14c	0.4162661	Novel	NO	YES	YES	NO

SPCC757.09c	SPCC31H12.05c	0.4161638	Novel	NO	NO	NO	NO
SPCC330.10	SPBC19F8.07	0.4161221	Novel	NO	NO	NO	NO
SPAC1687.03c	SPAC14C4.13	0.4161054	Novel	YES	YES	NO	NO
SPAC16A10.04	SPAC11E3.04c	0.4159926	Novel	NO	NO	NO	NO
SPAC110.03	SPBC1D7.05	0.4158598	Novel	NO	YES	NO	YES
SPBC16C6.07c	SPAC20H4.11c	0.4157623	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPCC320.13c	0.4157268	Novel	NO	YES	NO	NO
SPAC16.01	SPBC16C6.07c	0.4156964	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBPJ4664.02	0.4156905	Novel	NO	NO	NO	NO
SPBC428.13c	SPCC31H12.05c	0.4156861	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPAC20G4.07c	0.4156515	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC23C4.08	0.4155026	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC1687.15	0.4154315	Novel	NO	YES	YES	NO
SPAPB2B4.03	SPAC23H4.17c	0.4152418	Novel	NO	NO	NO	NO
SPBC543.07	SPBC19C2.05	0.4152336	Novel	YES	YES	YES	NO
SPAC31G5.09c	SPCC18B5.11c	0.4151844	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPAC2C4.14c	0.4150589	Novel	YES	YES	YES	NO
SPAC31G5.09c	SPAC19E9.02	0.4150081	Novel	NO	YES	YES	NO
SPAC17G8.14c	SPBC19F8.07	0.4148444	Novel	NO	YES	YES	NO
SPBC12D12.08c	SPAC637.10c	0.4147246	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC1F7.04	0.414699	Novel	NO	YES	NO	NO
SPAC19E9.03	SPAC22F3.09c	0.4146808	Novel	NO	YES	YES	YES
SPAC22H10.07	SPAC2C4.14c	0.4146263	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBP19A11.02c	0.4146202	Novel	YES	NO	YES	NO
SPAC630.03	SPAC27F1.02c	0.4145436	Novel	YES	YES	YES	NO
SPAPB1A10.09	SPAC3A12.14	0.4145296	Novel	YES	NO	NO	NO
SPAC630.03	SPBC582.03	0.414528	Novel	NO	YES	NO	NO
SPBC2F12.13	SPBC1604.20c	0.4144488	Novel	YES	YES	YES	NO
SPBC12D12.04c	SPAC2C4.14c	0.4144447	Novel	YES	YES	YES	NO
SPCC16C4.11	SPAC3C7.06c	0.4144363	Novel	NO	YES	YES	NO
SPBC428.12c	SPBC16A3.05c	0.4143525	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPAC23H3.04	0.414314	Novel	NO	NO	NO	NO
SPAC630.03	SPAC15A10.08	0.414289	Novel	NO	YES	YES	NO
SPCC16C4.11	SPCC24B10.07	0.4142751	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPBC30D10.10c	0.4142041	Novel	NO	YES	YES	NO
SPCC830.06	SPBC16H5.07c	0.4142021	Novel	YES	NO	YES	YES
SPAC630.03	SPBC16A3.15c	0.4141426	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC9E9.07c	0.4141143	Novel	NO	NO	NO	NO
SPBC215.13	SPAC23H3.04	0.4141081	Novel	NO	NO	YES	NO
SPAC630.03	SPBC1778.06c	0.4140921	Novel	YES	YES	YES	NO
SPCC1259.13	SPCC320.13c	0.4140461	Novel	NO	YES	NO	NO
SPAC630.03	SPBC776.18c	0.4140026	Novel	NO	YES	NO	NO
SPBC12D12.04c	SPBC19F8.07	0.4139571	Novel	NO	YES	YES	NO
SPBC106.10	SPCC320.13c	0.4138474	Novel	NO	YES	NO	NO
SPAC11H11.06	SPCC645.05c	0.4138066	Novel	NO	YES	NO	NO
SPBC26H8.05c	SPAC1565.06c	0.4137814	Novel	NO	NO	NO	NO
SPAC630.03	SPAC4F8.10c	0.4137729	Novel	YES	NO	NO	NO

SPAC977.10	SPAC1639.02c	0.4137185	Novel	YES	NO	NO	NO
SPAC644.04	SPBC19F8.07	0.4136321	Novel	NO	NO	NO	NO
SPAPB18E9.04c	SPAC23C4.08	0.4135035	Novel	NO	NO	NO	NO
SPAC630.03	SPAP8A3.08	0.4134121	Novel	NO	YES	YES	NO
SPAC30D11.13	SPAC6F12.15c	0.4134102	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC110.03	0.41337	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPBC19F8.07	0.4133084	Novel	NO	YES	YES	YES
SPCC1739.12	SPAC1F3.02c	0.4132281	Novel	NO	YES	NO	YES
SPBC244.01c	SPCC320.13c	0.4131844	Novel	NO	YES	YES	YES
SPBC11B10.09	SPBC1D7.05	0.4130845	Novel	NO	YES	YES	YES
SPBC26H8.07c	SPBC428.20c	0.41307	Novel	NO	NO	YES	NO
SPBC646.09c	SPAC9E9.07c	0.4130579	Novel	NO	NO	NO	NO
SPBC428.12c	SPAP27G11.10c	0.4128449	Novel	NO	NO	NO	NO
SPAC3A11.14c	SPBC26H8.07c	0.4128283	Novel	NO	NO	YES	YES
SPBC428.08c	SPAC11E3.04c	0.4128277	Novel	NO	YES	NO	NO
SPBC428.12c	SPAC821.04c	0.4127769	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC14C8.07c	0.4125448	Novel	NO	YES	NO	YES
SPCC16C4.11	SPAC1687.15	0.4125384	Novel	NO	YES	YES	NO
SPCC1259.13	SPCC1682.02c	0.412464	Novel	NO	YES	NO	YES
SPAC24B11.11c	SPBC543.07	0.41197	Novel	NO	YES	YES	YES
SPAC6F6.15	SPAC607.09c	0.4119557	Novel	NO	NO	YES	NO
SPAC23H3.04	SPCC1840.02c	0.4119187	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPBC16H5.07c	0.4118163	Novel	NO	NO	NO	YES
SPAC16A10.04	SPAC1D4.13	0.4118075	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPBC20F10.06	0.411802	Novel	NO	NO	NO	YES
SPAC24B11.11c	SPAC4F10.11	0.4116402	Novel	NO	YES	NO	YES
SPAC3A11.09	SPAC11G7.02	0.411575	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC21.06c	0.41144	Novel	NO	NO	NO	NO
SPAC664.01c	SPBC119.02	0.4114331	Novel	NO	NO	NO	YES
SPCC16C4.08c	SPAC2C4.14c	0.4114218	Novel	NO	NO	NO	NO
SPCC5E4.03c	SPAC1250.03	0.4113789	Novel	NO	NO	NO	NO
SPBC12D12.08c	SPBP19A11.03c	0.4113085	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC17A2.13c	0.4112472	Novel	NO	YES	NO	NO
SPAC22H12.02	SPAC11E3.04c	0.4112019	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC23H4.02	0.4111939	Novel	NO	YES	YES	NO
SPCC16C4.09	SPAC2C4.14c	0.4111471	Novel	YES	NO	NO	NO
SPAC3A11.09	SPAC3F10.02c	0.4110821	Novel	YES	YES	YES	NO
SPAC24B11.06c	SPCC1322.12c	0.4108973	Novel	NO	YES	YES	YES
SPBC32F12.04	SPBC428.08c	0.4108952	Novel	YES	NO	NO	NO
SPBC32F12.04	SPBC336.12c	0.4108849	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPAC1F7.04	0.4108012	Novel	NO	NO	NO	NO
SPBC405.04c	SPBC13G1.11	0.4107164	Novel	NO	NO	YES	NO
SPBC24C6.07	SPBC26H8.05c	0.4105682	Novel	NO	NO	NO	NO
SPAP8A3.04c	SPAC3A12.14	0.4103443	Novel	NO	NO	NO	NO
SPCC1259.13	SPACUNK12.02c	0.4103309	Novel	NO	YES	YES	NO
SPCC16C4.09	SPBC543.07	0.4102752	Novel	YES	NO	NO	YES
SPBC6B1.07	SPBC20F10.09	0.4101687	Novel	YES	NO	YES	NO

SPCC1259.13	SPBC211.04c	0.4101378	Novel	NO	YES	NO	YES
SPBC20F10.09	SPAC644.12	0.4099249	Novel	YES	NO	YES	NO
SPCC18B5.03	SPBC8D2.01	0.4098797	Novel	NO	YES	NO	NO
SPBC32F12.04	SPBC4.05	0.4098361	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC18H10.15	0.4095615	Novel	NO	YES	YES	NO
SPAC11H11.06	SPAC3A12.14	0.4095595	Novel	NO	NO	NO	YES
SPBC1198.12	SPBC19F8.07	0.4095346	Novel	NO	NO	NO	NO
SPBC32F12.04	SPBC11C11.04c	0.4093754	Novel	NO	NO	NO	YES
SPBC11B10.09	SPBC776.12c	0.4093569	Novel	NO	YES	YES	YES
SPCC5E4.04	SPCC320.13c	0.4092649	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC1709.18	0.409194	Novel	NO	NO	NO	NO
SPCC16C4.09	SPCC320.13c	0.4089405	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC17F3.02	0.4089184	Novel	NO	YES	YES	YES
SPBC1718.07c	SPAC23H3.13c	0.4088025	Novel	NO	YES	NO	YES
SPAC1F7.04	SPBC800.05c	0.4086923	Novel	NO	YES	NO	NO
SPBC543.07	SPCC320.13c	0.408586	Novel	NO	YES	YES	NO
SPBC32F12.04	SPAC664.01c	0.4084718	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC1685.06	0.4084684	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC16H5.10c	0.4081214	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC409.05	0.4080449	Novel	NO	YES	NO	NO
SPBC32F12.04	SPBC119.02	0.4079699	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC8E11.07c	0.407541	Novel	NO	NO	NO	NO
SPAC18G6.03	SPBC16H5.07c	0.4073961	Novel	YES	NO	NO	YES
SPAC22H10.04	SPAC1F3.02c	0.4072597	Novel	YES	NO	NO	NO
SPCC1259.13	SPAC23H4.17c	0.4071745	Novel	NO	YES	YES	NO
SPAC1F3.02c	SPBC106.10	0.4070534	Novel	YES	YES	YES	NO
SPAC2F3.15	SPAC644.06c	0.406934	Novel	NO	YES	NO	NO
SPBC26H8.07c	SPBC211.06	0.40681	Novel	NO	NO	YES	NO
SPBC1D7.05	SPBC119.08	0.4067773	Novel	YES	YES	YES	YES
SPBC1D7.05	SPAC23H3.13c	0.4066884	Novel	NO	YES	NO	NO
SPBC16A3.15c	SPAC23C4.08	0.4066662	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPBC119.08	0.4065709	Novel	YES	YES	YES	NO
SPAC24H6.05	SPBC32C12.03c	0.4063353	Novel	NO	NO	NO	NO
SPAC630.03	SPBC800.05c	0.4062985	Novel	NO	NO	YES	NO
SPBC12D12.07c	SPAC23H3.04	0.4062628	Novel	NO	NO	NO	NO
SPCC1739.12	SPCC24B10.07	0.4061411	Novel	NO	YES	NO	NO
SPBC32F12.04	SPCC11E10.08	0.4060743	Novel	YES	NO	NO	NO
SPBC32F12.06	SPAC23H4.17c	0.4058145	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC23H4.02	0.4057858	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPCC18B5.11c	0.4057337	Novel	NO	YES	YES	YES
SPAC1B9.02c	SPBC12D12.04c	0.4057164	Novel	NO	YES	YES	NO
SPBC543.07	SPAC1006.09	0.4056905	Novel	NO	YES	YES	NO
SPBC13E7.09	SPBC17F3.02	0.4053113	Novel	YES	YES	NO	YES
SPBC32F12.04	SPBC1D7.04	0.4052043	Novel	NO	NO	NO	NO
SPCC1259.13	SPBC119.08	0.4051532	Novel	YES	YES	YES	NO
SPBP16F5.07	SPBC16H5.07c	0.4049189	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPAC144.13c	0.4049151	Novel	NO	NO	NO	YES

SPBC2F12.09c	SPAC22F3.02	0.4048872	Novel	NO	YES	YES	YES
SPAC23C11.16	SPCC4G3.08	0.4048821	Novel	NO	YES	YES	NO
SPCC320.13c	SPBC19F8.07	0.4046583	Novel	NO	YES	NO	NO
SPBC26H8.07c	SPCC4G3.19	0.4044163	Novel	NO	NO	YES	NO
SPCC1739.12	SPCC1739.11c	0.4043199	Novel	NO	YES	NO	NO
SPAC16A10.04	SPAC18B11.07c	0.4041502	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23A1.09	0.4039801	Novel	NO	NO	NO	NO
SPBC337.08c	SPAC26A3.16	0.4038321	Novel	NO	NO	NO	YES
SPAC24C9.07c	SPCC417.06c	0.4038092	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC6F6.15	0.4034981	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC1687.15	0.4034074	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAC27E2.11c	0.4032258	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC821.08c	0.4031014	Novel	NO	YES	YES	YES
SPBC428.08c	SPBC119.02	0.4030985	Novel	NO	NO	NO	YES
SPBC1685.01	SPBC16H5.07c	0.4030735	Novel	YES	NO	YES	YES
SPCC757.09c	SPBC16H5.07c	0.4029363	Novel	NO	NO	NO	YES
SPBC16C6.07c	SPBC887.04c	0.4027876	Novel	NO	NO	NO	NO
SPBC409.07c	SPACUNK12.02c	0.4026332	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC4G9.06c	0.4025087	Novel	NO	NO	NO	NO
SPAC20G4.07c	SPBC16H5.07c	0.4024578	Novel	NO	NO	NO	YES
SPBC428.13c	SPBC16H5.07c	0.4023465	Novel	NO	NO	NO	YES
SPBP4H10.04	SPAC2C4.14c	0.4023266	Novel	YES	NO	NO	NO
SPAC22H10.04	SPBC19F8.07	0.4021405	Novel	YES	NO	NO	NO
SPCC576.10c	SPAC1F7.04	0.402112	Novel	NO	NO	NO	NO
SPBC543.07	SPCC1322.08	0.4018209	Novel	YES	YES	YES	NO
SPBC660.14	SPCC18B5.11c	0.4016753	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPAC57A10.02	0.4016143	Novel	NO	YES	YES	NO
SPBC21.06c	SPBC11B10.09	0.4016016	Novel	NO	YES	YES	YES
SPAC24B11.06c	SPAC22F3.09c	0.4015769	Novel	YES	YES	NO	YES
SPBC800.05c	SPAC23C4.08	0.4015754	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC685.09	0.4015445	Novel	NO	NO	NO	YES
SPBC543.07	SPAC23A1.06c	0.4015104	Novel	YES	YES	YES	NO
SPBC16C6.07c	SPAC2C4.15c	0.4012471	Novel	NO	NO	YES	NO
SPAC821.12	SPBC119.08	0.40118	Novel	NO	YES	YES	NO
SPBC4.07c	SPAC9E9.07c	0.4011771	Novel	NO	NO	NO	NO
SPAC343.09	SPBC16C6.07c	0.4011195	Novel	NO	NO	NO	NO
SPAC19G12.14	SPBC26H8.05c	0.4010855	Novel	NO	NO	YES	NO
SPBC16C6.07c	SPBC14C8.01c	0.400887	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBP16F5.04	0.4007514	Novel	NO	NO	NO	NO
SPAC19D5.01	SPAC23H4.17c	0.4006926	Novel	NO	NO	NO	NO
SPAC22H12.02	SPBC119.02	0.4004786	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC336.12c	0.4004213	Novel	YES	YES	NO	YES
SPBC3F6.01c	SPCC1739.12	0.4003959	Novel	NO	YES	YES	NO
SPBC1685.15c	SPBC1604.20c	0.400176	Novel	YES	YES	YES	NO
SPAC27E2.10c	SPBC1734.02c	0.3998895	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC1F5.09c	0.3997738	Novel	NO	YES	NO	NO
SPAC222.15	SPACUNK12.02c	0.3997462	Novel	NO	NO	NO	NO

SPAC31G5.09c	SPBC32H8.10	0.3997256	Novel	NO	YES	YES	NO
SPCC24B10.07	SPAC1782.09c	0.3997192	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC119.08	0.3996303	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC821.04c	0.3995501	Novel	YES	YES	NO	YES
SPBC16E9.11c	SPBC119.08	0.3994584	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC11E3.04c	0.3992248	Novel	NO	YES	NO	NO
SPAC1D4.13	SPAC23H4.17c	0.3990439	Novel	NO	YES	YES	NO
SPAC607.09c	SPAC9E9.07c	0.3990064	Novel	NO	NO	NO	NO
SPBC543.07	SPBC1718.07c	0.3989777	Novel	NO	NO	NO	NO
SPBC15D4.14	SPAC1250.03	0.3989118	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC1F5.09c	0.3988844	Novel	NO	YES	YES	NO
SPBC18H10.15	SPAC2C4.14c	0.3988221	Novel	NO	YES	YES	NO
SPBC1718.07c	SPAC9E9.07c	0.3987792	Novel	NO	NO	NO	NO
SPBC4C3.12	SPAC23H4.17c	0.3985274	Novel	NO	NO	YES	NO
SPAC30D11.10	SPBC119.02	0.3985243	Novel	NO	NO	NO	NO
SPBC649.05	SPCC320.13c	0.3984607	Novel	NO	YES	YES	NO
SPAC6F12.15c	SPAC1250.03	0.3982768	Novel	NO	NO	YES	NO
SPBC8D2.19	SPBC19F8.07	0.3982419	Novel	NO	YES	YES	NO
SPBC336.04	SPAC24B11.06c	0.3975661	Novel	NO	YES	NO	YES
SPAC22E12.14c	SPBC119.08	0.3973706	Novel	NO	YES	YES	NO
SPBC1685.01	SPBC11B10.09	0.397239	Novel	NO	YES	NO	NO
SPAC222.10c	SPAC9E9.07c	0.3972256	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC57A7.08	0.3971363	Novel	NO	NO	NO	NO
SPBP16F5.04	SPAC664.01c	0.3970235	Novel	NO	NO	YES	NO
SPAC26F1.10c	SPAC23H4.17c	0.3968488	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC1604.14c	0.3967904	Novel	NO	YES	YES	NO
SPBC354.03	SPAC6B12.15	0.3967886	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC1739.11c	0.3965948	Novel	YES	NO	NO	NO
SPCC16C4.11	SPBC8D2.01	0.3964756	Novel	NO	YES	YES	NO
SPCC1739.12	SPBC24C6.07	0.3963864	Novel	NO	YES	NO	YES
SPAC17G8.14c	SPAC2C4.14c	0.3962848	Novel	YES	YES	YES	NO
SPCC18B5.03	SPAC23H4.02	0.396175	Novel	NO	YES	NO	NO
SPAC22E12.14c	SPCC4G3.08	0.3960736	Novel	NO	YES	YES	NO
SPBC3F6.01c	SPAC823.15	0.3960656	Novel	NO	YES	YES	NO
SPAC17G8.14c	SPCC320.13c	0.3958456	Novel	NO	YES	NO	NO
SPAC1D4.13	SPBC12D12.04c	0.3957949	Novel	NO	YES	YES	NO
SPBC405.04c	SPCC895.07	0.3957057	Novel	NO	NO	NO	NO
SPBC1711.17	SPAC17A2.13c	0.3955789	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC26H8.05c	0.395578	Novel	NO	YES	YES	NO
SPBC2D10.14c	SPAC3A12.14	0.3955481	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAPB2B4.03	0.3955093	Novel	NO	NO	NO	NO
SPBC23E6.01c	SPAC23H3.04	0.3954961	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC577.05c	0.3954056	Novel	NO	NO	NO	NO
SPCC24B10.07	SPCC1739.11c	0.3953447	Novel	NO	YES	NO	NO
SPAC16A10.04	SPCC24B10.07	0.3951878	Novel	NO	NO	NO	NO
SPCC188.09c	SPBC18E5.03c	0.3951518	Novel	NO	NO	NO	NO
SPBC428.08c	SPBP16F5.04	0.3951356	Novel	NO	NO	YES	NO

SPAC3F10.02c	SPBC26H8.05c	0.3950924	Novel	NO	NO	NO	NO
SPBC2D10.14c	SPBC1709.01	0.3950412	Novel	NO	NO	YES	NO
SPAC9G1.09	SPBC32H8.10	0.3949966	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC1105.09	0.3949778	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPCC576.15c	0.3948457	Novel	NO	YES	YES	NO
SPCC188.09c	SPAC25B8.14	0.3947183	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC1739.11c	0.3946954	Novel	NO	NO	NO	NO
SPCC188.09c	SPAC16A10.05c	0.3946585	Novel	NO	NO	NO	NO
SPAC110.03	SPAC4F10.15c	0.3946258	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPBC18H10.15	0.39451	Novel	NO	YES	YES	NO
SPBP16F5.04	SPAC30D11.10	0.3944369	Novel	NO	NO	NO	NO
SPCC576.15c	SPCC320.13c	0.3944309	Novel	NO	YES	NO	NO
SPAC1F3.02c	SPBC19F8.07	0.3943984	Novel	YES	YES	YES	NO
SPCC18B5.11c	SPCC1682.02c	0.3939092	Novel	NO	YES	NO	YES
SPAC1B9.02c	SPBC119.08	0.3937749	Novel	NO	YES	YES	NO
SPBC11B10.09	SPAC7D4.15c	0.3937465	Novel	NO	NO	NO	NO
SPBC9B6.10	SPAC23H4.17c	0.3937293	Novel	NO	NO	NO	NO
SPCC1739.12	SPCC830.06	0.3937289	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1250.01	0.3935998	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC830.06	0.3935932	Novel	YES	NO	YES	NO
SPCC18B5.03	SPAC2F3.15	0.3935861	Novel	NO	YES	NO	NO
SPAC23A1.06c	SPAC1687.15	0.3933774	Novel	NO	YES	YES	NO
SPAC13D6.02c	SPBC146.07	0.3933735	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC320.13c	0.3931607	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC23C4.08	0.3931327	Novel	NO	YES	NO	NO
SPAC16.01	SPBC11B10.09	0.3931198	Novel	NO	YES	NO	YES
SPCC1739.12	SPAC1565.06c	0.3930929	Novel	NO	YES	NO	NO
SPBP8B7.25	SPAC23H3.04	0.3930622	Novel	YES	NO	NO	NO
SPCC16C4.11	SPBC32C12.03c	0.3930491	Novel	NO	YES	YES	NO
SPBC26H8.05c	SPAC1F3.02c	0.3929396	Novel	NO	NO	NO	NO
SPBC19F8.01c	SPAC821.06	0.3929064	Novel	YES	YES	NO	NO
SPAC4A8.05c	SPCC1739.12	0.3928544	Novel	NO	YES	NO	NO
SPCC5E4.03c	SPBP16F5.04	0.3928257	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC30D11.13	0.3928246	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPBC106.10	0.39263	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC146.03c	0.3924301	Novel	YES	YES	YES	YES
SPAC4A8.05c	SPAC22H10.04	0.3924161	Novel	NO	NO	NO	NO
SPBC32H8.10	SPAC23C11.16	0.3922561	Novel	NO	YES	YES	NO
SPBC409.07c	SPBC8D2.01	0.3922558	Novel	YES	YES	YES	NO
SPAC222.10c	SPAC2C4.14c	0.3922484	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC2D10.20	0.3921906	Novel	NO	NO	NO	NO
SPBP16F5.02	SPAC23H4.17c	0.3920852	Novel	NO	NO	NO	NO
SPAC821.12	SPCC417.06c	0.3920257	Novel	NO	YES	YES	NO
SPAC1B9.02c	SPCC4G3.08	0.3919181	Novel	NO	YES	YES	NO
SPAC19B12.03	SPCC417.06c	0.39187	Novel	NO	NO	NO	NO
SPAC22F3.09c	SPAC23H4.17c	0.3918025	Novel	NO	NO	YES	NO
SPBC3F6.01c	SPBC16H5.07c	0.3917216	Novel	YES	YES	YES	NO

SPCC16C4.11	SPAC27F1.02c	0.3916435	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPCC320.13c	0.3914197	Novel	NO	YES	NO	YES
SPBC1D7.04	SPAC30D11.13	0.3913446	Novel	NO	YES	NO	NO
SPAC1565.08	SPAC3G6.02	0.3913317	Novel	YES	YES	NO	NO
SPCC16C4.11	SPBC1718.07c	0.3911617	Novel	NO	YES	NO	NO
SPCC1259.13	SPAC2F3.15	0.3910511	Novel	NO	YES	NO	NO
SPAC22H10.04	SPAC1565.06c	0.3910421	Novel	NO	NO	NO	NO
SPCC1682.16	SPCC5E4.04	0.3910394	Novel	NO	NO	NO	NO
SPBC336.12c	SPAC23H4.17c	0.3910247	Novel	NO	NO	YES	NO
SPAC23A1.06c	SPAC2F3.15	0.3909947	Novel	NO	YES	NO	NO
SPAC644.06c	SPAC23H4.17c	0.3909083	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC660.14	0.3908307	Novel	NO	YES	YES	NO
SPAC2F3.15	SPBC17F3.02	0.390698	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC16H5.11c	0.3906429	Novel	NO	YES	YES	YES
SPAC24B11.11c	SPAC24B11.06c	0.3903422	Novel	NO	YES	YES	NO
SPAC589.10c	SPAC11G7.04	0.3902934	Novel	NO	YES	YES	NO
SPAC1805.12c	SPAC6G10.11c	0.3902934	Novel	NO	YES	YES	YES
SPAC6G10.11c	SPAC11G7.04	0.3902934	Novel	NO	YES	YES	YES
SPAC1805.12c	SPAC589.10c	0.3902934	Novel	YES	YES	YES	NO
SPBC32F12.09	SPAC23H4.17c	0.3900631	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC19E9.03	0.3898581	Novel	NO	NO	NO	NO
SPCC645.05c	SPCC1682.04	0.3897734	Novel	NO	NO	NO	NO
SPCC16C4.09	SPBC32C12.03c	0.3897463	Novel	NO	NO	NO	NO
SPAC19G12.14	SPCC1739.12	0.3896159	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC24C6.07	0.3895488	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC106.10	0.389475	Novel	NO	YES	YES	NO
SPAC19G12.14	SPAC22H10.04	0.3894412	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPAC6B12.11	0.3891462	Novel	NO	YES	NO	YES
SPAC18G6.03	SPCC1739.12	0.3889726	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC19C2.05	0.3889107	Novel	NO	YES	YES	NO
SPAC1D4.13	SPBP4H10.04	0.3889071	Novel	NO	NO	NO	NO
SPAC18G6.03	SPAC22H10.04	0.3888177	Novel	YES	NO	NO	NO
SPBC649.05	SPAC23H4.17c	0.3886192	Novel	NO	NO	NO	NO
SPBC32F12.15	SPAC23H3.04	0.388608	Novel	NO	NO	NO	NO
SPAC343.04c	SPAC23H3.13c	0.3885858	Novel	NO	NO	NO	NO
SPCC1739.12	SPBP16F5.07	0.3881463	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBC19F8.07	0.3881344	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC23H4.17c	0.3880075	Novel	NO	YES	YES	NO
SPBC32F12.04	SPAC664.10	0.3878402	Novel	NO	NO	YES	NO
SPAC22H10.04	SPBP16F5.07	0.387831	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1682.16	0.3878089	Novel	NO	NO	NO	NO
SPAC4D7.03	SPAC6B12.15	0.3874021	Novel	NO	YES	NO	NO
SPAC821.12	SPAC17G8.14c	0.3869969	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAC7D4.15c	0.3869702	Novel	NO	NO	NO	NO
SPCC16C4.11	SPCC16C4.09	0.386926	Novel	NO	NO	NO	NO
SPCC4F11.02	SPBC19F8.07	0.386896	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC4G3.08	0.3868499	Novel	NO	NO	NO	NO

SPBC1685.01	SPAC22H10.04	0.3867841	Novel	YES	NO	YES	NO
SPBC18H10.15	SPBC776.18c	0.3867244	Novel	NO	NO	NO	NO
SPAC821.12	SPCC4G3.08	0.3866454	Novel	NO	YES	YES	NO
SPBC543.07	SPAC2F3.15	0.3865165	Novel	NO	YES	NO	NO
SPAC24B11.11c	SPBP19A11.02c	0.3865079	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBC16H5.10c	0.386444	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC757.09c	0.3863695	Novel	NO	NO	NO	NO
SPBC21.06c	SPAC7D4.15c	0.3862379	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC1D7.05	0.3862358	Novel	YES	YES	YES	NO
SPCC24B10.07	SPBC17F3.02	0.3861956	Novel	NO	YES	YES	NO
SPAC1782.09c	SPAC2C4.14c	0.3859818	Novel	NO	NO	NO	NO
SPBC25D12.03c	SPBC1347.10	0.3859532	Novel	NO	NO	YES	YES
SPBC543.07	SPBC18H10.15	0.3857152	Novel	NO	YES	YES	NO
SPAC22H10.04	SPAC20G4.07c	0.3856967	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC17F3.02	0.385654	Novel	NO	YES	YES	NO
SPAC110.03	SPBC16A3.15c	0.3855863	Novel	NO	YES	NO	YES
SPBC1685.01	SPCC1739.12	0.3853984	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPAC3C7.06c	0.3852855	Novel	NO	YES	YES	NO
SPBC543.07	SPAC9G1.02	0.3852333	Novel	YES	YES	YES	NO
SPAC23C4.08	SPAC1250.03	0.3851597	Novel	NO	NO	NO	NO
SPAC22H10.04	SPBC428.13c	0.385144	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC6F6.08c	0.3851072	Novel	NO	NO	NO	NO
SPAC644.12	SPCC18.05c	0.3850904	Novel	NO	NO	NO	NO
SPCC757.09c	SPCC1739.12	0.3850582	Novel	NO	YES	NO	NO
SPCC18B5.03	SPAC7D4.15c	0.384974	Novel	NO	NO	NO	NO
SPAC19G12.14	SPAC7D4.15c	0.3849346	Novel	NO	NO	NO	NO
SPBC32C12.02	SPBC18H10.15	0.3848952	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1711.15c	0.384845	Novel	NO	NO	YES	NO
SPAC1D4.13	SPBC1604.14c	0.3847474	Novel	NO	YES	YES	YES
SPAPB1A10.09	SPAC7D4.15c	0.3847234	Novel	NO	NO	NO	NO
SPAC1565.06c	SPAC2C4.14c	0.3846741	Novel	NO	NO	NO	NO
SPAC7D4.15c	SPCC1322.12c	0.3846154	Novel	NO	NO	NO	NO
SPAC7D4.15c	SPCC5E4.04	0.3846154	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPAC2C4.14c	0.3846137	Novel	YES	NO	NO	NO
SPBC428.13c	SPCC1739.12	0.3845605	Novel	NO	YES	NO	NO
SPAC823.03	SPBC24C6.07	0.3845363	Novel	YES	NO	NO	NO
SPAC1D4.13	SPAC821.12	0.3845068	Novel	NO	YES	YES	NO
SPCC1739.12	SPAC20G4.07c	0.3845026	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1A6.03c	0.3843982	Novel	NO	NO	NO	NO
SPAC7D4.15c	SPAC23C4.18c	0.3843708	Novel	NO	NO	NO	NO
SPBC18H10.15	SPBC119.08	0.38436	Novel	NO	YES	YES	NO
SPCC16C4.07	SPAC7D4.15c	0.3843315	Novel	NO	NO	NO	NO
SPAC7D4.15c	SPCC1739.11c	0.3843155	Novel	NO	NO	NO	NO
SPAC7D4.15c	SPAC20G8.05c	0.3842765	Novel	NO	NO	NO	NO
SPBC582.03	SPAC7D4.15c	0.3839508	Novel	NO	NO	NO	NO
SPAC821.12	SPBC30D10.10c	0.3839234	Novel	NO	YES	YES	NO
SPBC4F6.12	SPAC7D4.15c	0.383881	Novel	NO	NO	NO	NO

SPAPB2B4.03	SPAC7D4.15c	0.3838305	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC23E6.09	0.3838271	Novel	NO	NO	NO	NO
SPBC119.08	SPAC23C11.16	0.3837447	Novel	YES	YES	YES	NO
SPAC821.12	SPBC12D12.04c	0.3836599	Novel	NO	YES	YES	NO
SPCC285.12	SPAC644.12	0.3835842	Novel	YES	NO	YES	NO
SPAC24B11.06c	SPBC19G7.05c	0.3835513	Novel	NO	NO	NO	YES
SPAC6F6.08c	SPAC7D4.15c	0.3835165	Novel	NO	NO	NO	NO
SPBC3F6.01c	SPBC776.02c	0.3833529	Novel	YES	YES	YES	NO
SPBC24C6.07	SPAC7D4.15c	0.3832231	Novel	NO	NO	NO	NO
SPAC30D11.13	SPCC338.05c	0.3832126	Novel	NO	YES	NO	NO
SPAC824.04	SPAC23H3.05c	0.3831348	Novel	NO	NO	NO	NO
SPAC1F5.10	SPAC3G6.02	0.3830769	Novel	NO	NO	NO	NO
SPBC21.06c	SPBC17F3.02	0.3829956	Novel	YES	YES	YES	NO
SPBC17F3.02	SPCC1739.11c	0.3828977	Novel	YES	YES	YES	NO
SPAC7D4.15c	SPAC1565.06c	0.3828964	Novel	NO	NO	NO	NO
SPCC16C4.09	SPCC24B10.07	0.3826639	Novel	NO	NO	NO	NO
SPAC19E9.02	SPAC23H4.17c	0.3825988	Novel	NO	YES	YES	NO
SPAC227.16c	SPAC7D4.15c	0.3825222	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC1D7.05	0.3825137	Novel	NO	YES	NO	YES
SPBC23G7.15c	SPAC23H3.04	0.3824176	Novel	NO	NO	NO	NO
SPAC9G1.09	SPAC1F3.02c	0.3823118	Novel	NO	YES	YES	NO
SPBC12D12.04c	SPCC320.13c	0.3822838	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC887.10	0.3822158	Novel	YES	YES	YES	YES
SPAC57A10.02	SPAC23H4.17c	0.3821162	Novel	NO	YES	YES	NO
SPBC56F2.07c	SPAC3G6.02	0.3821081	Novel	NO	NO	NO	NO
SPCC24B10.07	SPCC18B5.11c	0.3820573	Novel	NO	YES	YES	NO
SPBC32H8.07	SPAC9E9.07c	0.3820075	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC1685.01	0.3819523	Novel	NO	YES	NO	NO
SPAC7D4.15c	SPAC4A8.15c	0.3817664	Novel	NO	NO	NO	NO
SPAC1805.15c	SPAC31G5.09c	0.381715	Novel	NO	NO	NO	NO
SPAC4D7.05	SPAC24B11.06c	0.3816221	Novel	NO	YES	YES	YES
SPAC110.03	SPBC800.05c	0.3814895	Novel	NO	YES	NO	NO
SPCC417.06c	SPCC1840.02c	0.3813768	Novel	NO	NO	NO	NO
SPCC576.10c	SPAC16.01	0.3813648	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPAC23C4.08	0.381362	Novel	NO	YES	YES	NO
SPBC29A10.15	SPAC23H4.17c	0.3813552	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC16E9.10c	0.3813197	Novel	NO	NO	NO	NO
SPBC776.02c	SPAC23H4.17c	0.3812839	Novel	NO	NO	NO	NO
SPBP16F5.04	SPAC6F12.15c	0.381255	Novel	NO	NO	YES	NO
SPAC110.03	SPAC30D11.13	0.3811259	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC5H10.13c	0.3811128	Novel	YES	NO	NO	NO
SPAC4D7.03	SPBC582.03	0.3811085	Novel	NO	YES	NO	YES
SPAC926.04c	SPAC24B11.06c	0.3810617	Novel	YES	YES	NO	YES
SPBC26H8.05c	SPCC830.06	0.3809197	Novel	NO	NO	YES	NO
SPBP16F5.04	SPBC15D4.14	0.3808541	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC32C12.03c	0.3806198	Novel	NO	YES	NO	NO
SPAC4D7.03	SPAPB2B4.03	0.3805645	Novel	NO	YES	NO	YES

SPAC24B11.11c	SPAC1F5.09c	0.380475	Novel	NO	YES	YES	NO
SPAC2G11.11c	SPAC23H3.04	0.3803326	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC32F12.09	0.3802394	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC342.05	0.3802052	Novel	NO	YES	NO	YES
SPAC24B11.06c	SPBC646.13	0.3800966	Novel	NO	YES	NO	YES
SPBC146.03c	SPAC23H4.17c	0.3800789	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC1805.17	0.3797157	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC19F8.07	0.3797092	Novel	NO	YES	YES	YES
SPAC4D7.03	SPBC354.03	0.3796958	Novel	NO	NO	NO	NO
SPCC1682.02c	SPBC776.12c	0.3793891	Novel	NO	YES	YES	YES
SPBC1718.01	SPAC6B12.15	0.3791992	Novel	NO	YES	NO	NO
SPAC823.03	SPCC1739.11c	0.3790817	Novel	YES	NO	NO	NO
SPAC3A11.12c	SPAC16.01	0.3789475	Novel	NO	NO	NO	NO
SPCC1672.10	SPAC3G9.07c	0.3788937	Novel	NO	NO	YES	NO
SPBC3F6.01c	SPCC31H12.05c	0.3785784	Novel	NO	YES	NO	NO
SPAC23C11.12	SPAC23H4.17c	0.3785753	Novel	NO	NO	NO	NO
SPAC821.12	SPBC19F8.07	0.3783544	Novel	NO	YES	YES	NO
SPAC18G6.03	SPBC26H8.05c	0.3782558	Novel	NO	NO	NO	NO
SPAC8E11.02c	SPAC14C4.03	0.3782055	Novel	NO	NO	NO	YES
SPBC12D12.07c	SPAC23C4.08	0.3778727	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPCC1223.06	0.3778305	Novel	YES	YES	YES	NO
SPAC23C4.08	SPBC19F8.07	0.3778243	Novel	NO	NO	NO	NO
SPAC3G9.07c	SPAC23D3.09	0.3777504	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC16C6.07c	0.3776939	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC20H4.11c	0.3776329	Novel	YES	NO	NO	NO
SPAC23A1.06c	SPAC2C4.14c	0.3776081	Novel	NO	YES	YES	NO
SPAC1D4.13	SPBC21.06c	0.3775026	Novel	NO	YES	YES	YES
SPAC821.12	SPAPB18E9.04c	0.3773339	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC17G6.12	0.3772591	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC26H8.06	0.3772338	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBP19A11.02c	0.3771981	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPBC1105.09	0.3771499	Novel	NO	NO	NO	NO
SPAC24H6.03	SPBC32H8.02c	0.3770637	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPCC320.13c	0.3770483	Novel	NO	YES	YES	NO
SPAC6F6.15	SPCC895.07	0.3769119	Novel	NO	NO	NO	NO
SPCC1259.15c	SPAC1F7.04	0.3768752	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC1718.01	0.3768118	Novel	NO	YES	YES	YES
SPAC8E11.02c	SPBC32C12.03c	0.3767899	Novel	NO	NO	NO	NO
SPCC18B5.03	SPAC1687.15	0.3767641	Novel	NO	YES	NO	NO
SPCC24B10.07	SPBC244.01c	0.3767324	Novel	NO	YES	NO	NO
SPAC4A8.05c	SPBC26H8.05c	0.3766883	Novel	NO	NO	NO	NO
SPBC713.06	SPCC18B5.11c	0.3766515	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC4H3.14c	0.3765956	Novel	NO	NO	YES	NO
SPAC23C4.08	SPCC320.13c	0.3765521	Novel	NO	YES	NO	NO
SPAC24H6.03	SPBC2D10.20	0.3763088	Novel	NO	NO	NO	NO
SPBC6B1.07	SPCC1620.01c	0.3762866	Novel	YES	NO	YES	NO
SPAC110.03	SPBC106.10	0.3762267	Novel	NO	YES	NO	NO

SPAC1687.15	SPBC19F8.07	0.3760577	Novel	NO	YES	YES	NO
SPCC16C4.09	SPAC23H4.02	0.3760247	Novel	YES	NO	NO	NO
SPCC970.04c	SPAC2C4.14c	0.3757755	Novel	YES	NO	YES	NO
SPAC16A10.04	SPBPJ4664.02	0.3756876	Novel	NO	NO	NO	NO
SPBC582.03	SPCC1682.02c	0.3756643	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPBC32F12.06	0.3756392	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC32F12.09	0.3755565	Novel	NO	NO	NO	YES
SPCC895.07	SPBC1734.04	0.3755336	Novel	NO	NO	NO	NO
SPBC887.10	SPAC23H4.17c	0.3755306	Novel	NO	NO	NO	NO
SPAC23H4.17c	SPAC821.08c	0.3755226	Novel	NO	NO	NO	NO
SPAC110.03	SPAC9G1.09	0.375454	Novel	NO	YES	NO	NO
SPAC823.03	SPAC23C11.16	0.3753889	Novel	YES	YES	YES	NO
SPAC1687.03c	SPBC1734.02c	0.3753322	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPBC106.10	0.375272	Novel	NO	YES	YES	NO
SPCC320.13c	SPBC14C8.01c	0.3751055	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPCC1795.11	0.3750651	Novel	YES	YES	YES	YES
SPAC24H6.03	SPAC30D11.13	0.375052	Novel	NO	NO	YES	NO
SPAC1F7.04	SPBC106.10	0.375043	Novel	NO	YES	NO	NO
SPCC1322.12c	SPAC23H4.17c	0.3749828	Novel	NO	YES	YES	NO
SPAC16A10.04	SPBC215.13	0.3749367	Novel	NO	NO	NO	NO
SPCC895.07	SPAC1B3.11c	0.374872	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC1F7.04	0.3748704	Novel	NO	NO	NO	NO
SPAC110.03	SPBC2D10.20	0.3748467	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC8D2.01	0.3748368	Novel	YES	YES	YES	NO
SPCC1620.01c	SPAC19A8.13	0.3747988	Novel	NO	NO	YES	NO
SPACUNK12.02c	SPBC29A10.15	0.37477	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC977.07c	0.3747284	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1348.08c	0.3747284	Novel	NO	NO	NO	NO
SPBC1D7.04	SPBC2D10.20	0.3747194	Novel	NO	NO	NO	NO
SPAC6B12.15	SPCC24B10.07	0.3745886	Novel	NO	YES	YES	NO
SPAC110.03	SPBC1105.09	0.3744337	Novel	NO	NO	NO	NO
SPBC4.05	SPBC2D10.20	0.3742424	Novel	NO	YES	NO	NO
SPAC4A8.05c	SPCC1919.10c	0.3739639	Novel	NO	YES	YES	YES
SPBC2D10.14c	SPCC1919.10c	0.3739628	Novel	YES	YES	NO	NO
SPBC2D10.20	SPBC26H8.07c	0.3739375	Novel	NO	NO	NO	NO
SPCC16A11.17	SPBC14C8.07c	0.3738809	Novel	YES	YES	YES	YES
SPAC23H3.04	SPACUNK12.02c	0.3738712	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC17A2.09c	0.3738091	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC409.09c	0.3738025	Novel	NO	YES	NO	NO
SPBP4H10.04	SPAC3A12.14	0.3737636	Novel	NO	NO	YES	YES
SPAC1F7.04	SPBC11B10.09	0.3736683	Novel	NO	YES	NO	YES
SPAC1D4.13	SPCC320.13c	0.3735907	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC1B3.11c	0.3734814	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC417.06c	0.3734452	Novel	NO	NO	NO	NO
SPBC1198.09	SPAC1F7.04	0.3734445	Novel	NO	NO	NO	NO
SPAC3F10.11c	SPBC359.05	0.3733836	Novel	YES	YES	NO	NO
SPCC18B5.11c	SPAC23C11.16	0.3733745	Novel	NO	YES	YES	YES

SPAC1687.15	SPCC1322.08	0.3733289	Novel	NO	YES	YES	NO
SPAC8E11.03c	SPBC11B10.10c	0.3733185	Novel	NO	YES	NO	NO
SPCC188.02	SPAC2C4.14c	0.373304	Novel	YES	NO	NO	NO
SPCC1753.02c	SPCC4G3.08	0.3732477	Novel	NO	NO	NO	NO
SPAC16.01	SPBC106.10	0.3732476	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC23C11.12	0.3731744	Novel	NO	YES	NO	YES
SPBC4.05	SPBC1105.09	0.3731473	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPBC776.12c	0.3731129	Novel	NO	YES	YES	NO
SPBC26H8.05c	SPBP16F5.07	0.3730686	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPCC1682.02c	0.3729562	Novel	NO	NO	NO	YES
SPAC15A10.03c	SPAC24B11.06c	0.372851	Novel	NO	YES	NO	YES
SPAC144.13c	SPAC23H4.17c	0.3728198	Novel	NO	NO	NO	NO
SPBC1685.01	SPAC3A12.14	0.3728079	Novel	NO	YES	NO	NO
SPBC2D10.14c	SPAC29A4.05	0.3727617	Novel	NO	NO	NO	NO
SPAC24H6.03	SPBC1105.09	0.3727507	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC24C9.15c	0.3725713	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC29A4.02c	0.3724786	Novel	NO	NO	NO	YES
SPCC18B5.11c	SPCC320.13c	0.3724287	Novel	NO	YES	NO	NO
SPAC3A11.12c	SPAC20H4.11c	0.3723942	Novel	NO	NO	NO	NO
SPBC1D7.04	SPBC1105.09	0.3722598	Novel	NO	NO	NO	NO
SPAC9G1.09	SPAC23C11.16	0.3718913	Novel	YES	YES	YES	YES
SPBC3F6.01c	SPBP4H10.04	0.3718803	Novel	NO	YES	YES	NO
SPCC645.05c	SPBC1347.12	0.3718444	Novel	NO	NO	NO	NO
SPCC5E4.04	SPBC19F8.07	0.3717016	Novel	YES	NO	NO	NO
SPAC9G1.09	SPAC1F7.04	0.3716452	Novel	NO	YES	NO	YES
SPAC23H3.04	SPBC1347.06c	0.3716173	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC9E9.13	0.3715841	Novel	NO	YES	NO	YES
SPAC1565.04c	SPAC2C4.14c	0.3715679	Novel	NO	NO	NO	NO
SPBC1685.01	SPBC26H8.05c	0.3715483	Novel	NO	NO	YES	NO
SPBC11B10.09	SPCC18.05c	0.3715239	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC16A11.05c	0.3714215	Novel	NO	NO	NO	YES
SPAPB1A11.01	SPAC22H12.02	0.3714134	Novel	NO	NO	NO	NO
SPCC417.06c	SPBC17F3.02	0.3714047	Novel	YES	YES	YES	NO
SPBC11B10.09	SPBC17D1.06	0.3713916	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC16A10.04	0.3713836	Novel	NO	NO	NO	NO
SPCC757.09c	SPBC26H8.05c	0.371366	Novel	NO	NO	NO	NO
SPCC576.10c	SPCC5E4.04	0.3711144	Novel	YES	NO	NO	NO
SPAC23H3.04	SPBC119.12	0.3710948	Novel	YES	NO	NO	NO
SPAC24C9.07c	SPBC19F8.07	0.3710785	Novel	NO	NO	NO	NO
SPAC2F3.15	SPCC320.13c	0.3710542	Novel	NO	YES	NO	YES
SPBC582.03	SPAC1B2.05	0.3709542	Novel	NO	YES	NO	YES
SPCC645.05c	SPAC2C4.14c	0.3709311	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC2F12.09c	0.3709285	Novel	NO	NO	NO	NO
SPAC23C11.16	SPAC16C9.07	0.3709059	Novel	YES	YES	YES	NO
SPAC6F6.08c	SPCC24B10.07	0.3708377	Novel	NO	YES	NO	NO
SPBC26H8.05c	SPAC20G4.07c	0.3707857	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23D3.09	0.3707376	Novel	NO	NO	NO	NO

SPBC428.13c	SPBC26H8.05c	0.3706456	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC664.11	0.3706415	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC965.13	0.3706103	Novel	YES	NO	NO	NO
SPBC4.05	SPAC30D11.13	0.3705937	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBP16F5.04	0.3705748	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPBC651.08c	0.3705576	Novel	NO	NO	NO	NO
SPAC2G11.12	SPAC1B2.05	0.3705522	Novel	NO	YES	NO	YES
SPAC23H3.04	SPBC30D10.06	0.3705297	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC4.07c	0.370338	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6F12.13c	0.3702767	Novel	NO	NO	NO	NO
SPAC1006.08	SPAC2C4.14c	0.3702063	Novel	YES	NO	NO	NO
SPBC106.10	SPAC20H4.11c	0.3701882	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPBC17F3.02	0.370035	Novel	YES	YES	NO	NO
SPCC16C4.11	SPAC23H4.02	0.3699936	Novel	NO	YES	YES	NO
SPAC16.01	SPAC9G1.09	0.369958	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPAC23H4.17c	0.3698451	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC110.03	0.3698131	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPBC215.13	0.3697543	Novel	NO	NO	NO	NO
SPBC1604.14c	SPAC9E9.07c	0.3697075	Novel	NO	NO	YES	NO
SPBC21.06c	SPBC1604.14c	0.3695296	Novel	NO	YES	YES	YES
SPCC4E9.02	SPBC1198.12	0.3695223	Novel	NO	NO	NO	NO
SPAC11E3.09	SPAC23H4.17c	0.3695174	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC30B4.01c	0.3692897	Novel	NO	NO	YES	NO
SPAC1D4.13	SPCC1223.11	0.3692787	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC23C11.16	0.36925	Novel	YES	YES	YES	YES
SPAC20G8.05c	SPAC2C4.14c	0.369157	Novel	YES	NO	NO	NO
SPCC576.15c	SPBC1861.09	0.3689946	Novel	NO	YES	YES	NO
SPBC336.04	SPAC23H4.17c	0.3689106	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC20H4.11c	0.3689057	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC16.01	0.3688176	Novel	NO	NO	NO	NO
SPBP19A11.02c	SPAC14C4.09	0.3686255	Novel	NO	NO	NO	NO
SPAC19G12.14	SPCC24B10.07	0.3685578	Novel	NO	YES	NO	NO
SPCC4G3.08	SPCC5E4.04	0.3685158	Novel	NO	NO	NO	NO
SPCC16C4.07	SPBC17F3.02	0.3684557	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPAC1D4.13	0.3684277	Novel	NO	YES	YES	YES
SPBC19G7.05c	SPAC23H4.17c	0.3682121	Novel	NO	NO	NO	NO
SPCC1739.12	SPCC320.13c	0.3680174	Novel	NO	YES	NO	NO
SPBC1604.14c	SPCC320.13c	0.3679857	Novel	NO	YES	NO	NO
SPAC1F5.10	SPCC16A11.17	0.3679432	Novel	NO	YES	NO	NO
SPCC1322.08	SPAC23H4.17c	0.3678813	Novel	NO	YES	YES	NO
SPCC576.10c	SPBC887.04c	0.3678324	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPAC22E12.14c	0.3677213	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPBC649.05	0.3676936	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC2C4.14c	0.3675965	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC29B5.01	0.3675132	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC1805.05	0.3674414	Novel	NO	NO	NO	NO
SPAC1F5.09c	SPAC23H4.17c	0.3673516	Novel	NO	YES	YES	NO

SPBC660.14	SPBC11B10.09	0.3672969	Novel	NO	YES	YES	YES
SPBC11B10.09	SPAC20H4.11c	0.3672642	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC18H10.15	0.3671908	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPBC1734.14c	0.3671825	Novel	NO	NO	NO	YES
SPCC16C4.11	SPBP8B7.16c	0.3671686	Novel	NO	YES	NO	NO
SPAC1805.15c	SPBC16A3.05c	0.3671355	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBP16F5.04	0.3671239	Novel	NO	NO	NO	NO
SPCC5E4.04	SPAC1687.15	0.3671197	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPBC543.07	0.3670348	Novel	NO	YES	YES	NO
SPBC1289.13c	SPCC736.04c	0.3668334	Novel	YES	YES	YES	NO
SPAC1B2.05	SPAC8F11.07c	0.3668322	Novel	NO	YES	NO	YES
SPBC543.07	SPAC24H6.05	0.3667275	Novel	YES	NO	NO	NO
SPAC31G5.09c	SPBC342.05	0.366682	Novel	NO	NO	NO	NO
SPCC320.13c	SPAC821.08c	0.3666108	Novel	YES	YES	YES	NO
SPAPB2B4.03	SPBC1105.09	0.3664506	Novel	NO	NO	NO	NO
SPAC2G11.12	SPCC1682.02c	0.3664479	Novel	NO	YES	NO	YES
SPCC576.15c	SPBC11B10.09	0.3663603	Novel	NO	YES	YES	NO
SPCC1259.15c	SPAC664.01c	0.3663142	Novel	NO	NO	NO	NO
SPBC119.08	SPAC19E9.02	0.3662962	Novel	NO	YES	YES	NO
SPBC1711.05	SPAC23H3.04	0.3662521	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC1322.12c	0.3660996	Novel	NO	YES	YES	NO
SPBC18H10.15	SPAC2F3.15	0.3660743	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC29B12.03	0.3660606	Novel	YES	YES	YES	YES
SPAC23H3.04	SPBC29A10.17	0.3660563	Novel	NO	NO	YES	NO
SPBC660.14	SPAC24B11.06c	0.3660358	Novel	NO	YES	YES	YES
SPBC713.06	SPCC1259.13	0.3660128	Novel	NO	YES	NO	NO
SPCC1223.06	SPAC9E9.07c	0.365978	Novel	NO	NO	NO	NO
SPCC576.10c	SPAC20H4.11c	0.36594	Novel	NO	NO	NO	NO
SPBC543.07	SPAC1B9.02c	0.3659141	Novel	NO	YES	YES	NO
SPAC821.12	SPCC320.13c	0.3657474	Novel	NO	YES	NO	NO
SPAC9G1.09	SPAC20H4.11c	0.3657165	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC119.08	0.3656463	Novel	NO	YES	YES	YES
SPAC16C9.07	SPCC1739.11c	0.3656188	Novel	YES	NO	NO	NO
SPBC342.05	SPAC23H4.17c	0.3655632	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC21E11.03c	0.3654773	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC664.07c	0.365448	Novel	NO	NO	NO	NO
SPBC14C8.07c	SPAC23H4.17c	0.3654407	Novel	NO	YES	NO	NO
SPCC24B10.07	SPAC1F5.08c	0.3653884	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC8C9.03	0.3653858	Novel	NO	NO	NO	YES
SPCC4B3.15	SPAC16C9.07	0.3652721	Novel	NO	NO	NO	NO
SPCC364.02c	SPAC25H1.06	0.3652428	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC1B9.02c	0.3651717	Novel	NO	YES	YES	YES
SPCC576.10c	SPAC343.09	0.365169	Novel	NO	NO	NO	NO
SPBC9B6.05c	SPAC644.12	0.3651395	Novel	YES	NO	YES	NO
SPCC16C4.11	SPAC11G7.02	0.3650329	Novel	NO	NO	NO	NO
SPCC576.10c	SPBC14C8.01c	0.3649799	Novel	NO	NO	NO	NO
SPCC576.10c	SPAC2C4.15c	0.3649709	Novel	YES	NO	YES	NO

SPBC9B6.05c	SPBC6B1.07	0.364941	Novel	YES	NO	YES	NO
SPBC21.06c	SPBC1D7.05	0.3649329	Novel	NO	YES	YES	YES
SPAC16A10.04	SPAC1250.03	0.3648497	Novel	NO	NO	NO	NO
SPBC354.03	SPBC409.07c	0.3648048	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC119.08	0.36478	Novel	NO	YES	YES	NO
SPAC6B12.15	SPAC644.12	0.3646502	Novel	NO	YES	NO	NO
SPAC823.03	SPAC4A8.15c	0.364635	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC2C4.14c	0.3645745	Novel	NO	NO	NO	NO
SPAC664.10	SPBC20F10.06	0.3644982	Novel	YES	NO	NO	NO
SPAC17H9.09c	SPAC22F3.13	0.3644205	Novel	NO	NO	YES	YES
SPBC582.03	SPAC6B12.15	0.3644031	Novel	NO	YES	YES	NO
SPCC18B5.03	SPAC14C4.03	0.3643258	Novel	NO	YES	NO	YES
SPAC821.04c	SPAC23H4.17c	0.3642981	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC20G8.08c	0.3641597	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC1F5.09c	0.3640542	Novel	NO	YES	YES	YES
SPCC1259.15c	SPBC428.08c	0.3640175	Novel	NO	NO	NO	NO
SPAC823.03	SPBC32H8.12c	0.3639904	Novel	YES	YES	NO	NO
SPAC17H9.09c	SPAC630.13c	0.3639621	Novel	NO	NO	YES	YES
SPAC8E11.02c	SPAC2C4.14c	0.3639232	Novel	YES	NO	NO	NO
SPAC9E9.07c	SPBC354.05c	0.3638771	Novel	NO	NO	NO	NO
SPAC1006.09	SPAC2C4.14c	0.3638341	Novel	NO	YES	YES	NO
SPBC16A3.05c	SPAC1006.07	0.3638223	Novel	NO	NO	NO	NO
SPAC9E9.07c	SPAC1B3.11c	0.3638186	Novel	NO	YES	YES	NO
SPAC6B12.15	SPAC23H4.18c	0.3637905	Novel	YES	YES	NO	NO
SPBC713.06	SPAC31A2.05c	0.3637887	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1006.07	0.363779	Novel	NO	NO	NO	NO
SPAC824.04	SPCC306.04c	0.3637573	Novel	NO	NO	NO	NO
SPCC417.06c	SPCC188.12	0.3636547	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAPYUG7.02c	0.3636217	Novel	NO	YES	NO	NO
SPBC646.12c	SPAC9E9.07c	0.3635463	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC216.05	0.363539	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC1D7.05	0.3634163	Novel	NO	YES	YES	YES
SPAC17C9.10	SPAC9E9.07c	0.3633912	Novel	NO	NO	NO	NO
SPBC8D2.01	SPBC19F8.07	0.3633646	Novel	YES	YES	YES	NO
SPCC1259.15c	SPAC22H12.02	0.3633442	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC18H10.02	0.3632477	Novel	NO	NO	NO	NO
SPAC27F1.02c	SPAC16C9.07	0.3631889	Novel	YES	NO	NO	NO
SPAC6B12.15	SPBC18H10.06c	0.3631732	Novel	NO	NO	NO	NO
SPAC824.04	SPCC18.11c	0.363078	Novel	NO	NO	NO	NO
SPAC6F12.15c	SPBC337.08c	0.3629857	Novel	NO	NO	YES	YES
SPBC582.06c	SPAC23H3.04	0.3629773	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPAC1639.02c	0.3629635	Novel	NO	NO	NO	NO
SPCC1259.15c	SPAC30D11.10	0.3629582	Novel	NO	NO	NO	NO
SPBC24C6.07	SPBC651.08c	0.3628985	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC29B5.01	0.3628978	Novel	NO	YES	NO	NO
SPBC19C2.09	SPAC9E9.07c	0.362889	Novel	NO	NO	NO	NO
SPAC17A2.13c	SPAC14C4.03	0.3628117	Novel	NO	NO	NO	YES

SPAC23H3.04	SPAC4F10.20	0.3627594	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC17G8.14c	0.3627112	Novel	NO	YES	YES	NO
SPBC4.04c	SPAC1F5.10	0.3626272	Novel	NO	YES	NO	NO
SPBC685.09	SPAC23H4.17c	0.362601	Novel	NO	NO	NO	NO
SPAC823.03	SPBC4F6.06	0.3625969	Novel	YES	YES	YES	NO
SPBC12D12.01	SPAC2C4.14c	0.3625883	Novel	NO	NO	NO	NO
SPAC22H10.10	SPBC32F12.04	0.3625883	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC20H4.09	0.3625582	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC3B8.02	0.362378	Novel	YES	NO	NO	NO
SPBC4F6.06	SPAC16C9.07	0.3622758	Novel	YES	YES	YES	NO
SPAC24B11.11c	SPBC1D7.05	0.3622502	Novel	NO	YES	YES	YES
SPBC25D12.03c	SPCC5E4.04	0.3621837	Novel	NO	NO	NO	YES
SPCC1259.13	SPAC2C4.14c	0.3621182	Novel	NO	YES	YES	NO
SPAC823.03	SPBC1706.01	0.3618901	Novel	NO	NO	NO	NO
SPAC9E9.07c	SPAC1565.04c	0.3618897	Novel	NO	NO	NO	NO
SPAC15A10.03c	SPAC31G5.09c	0.3617866	Novel	NO	YES	NO	NO
SPCC1739.12	SPBC18H10.15	0.3616805	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC6B12.05c	0.3616375	Novel	NO	NO	NO	NO
SPCC970.04c	SPCC24B10.07	0.3615919	Novel	NO	YES	YES	NO
SPBC32H8.10	SPAC23H4.17c	0.3615731	Novel	NO	YES	YES	NO
SPAC2G11.06	SPCC5E4.04	0.3615645	Novel	YES	NO	NO	NO
SPAC824.04	SPCC594.05c	0.3615444	Novel	NO	NO	NO	NO
SPAC1782.09c	SPCC4G3.08	0.3615039	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC1687.15	0.3614638	Novel	NO	YES	YES	NO
SPAC824.04	SPBC342.05	0.3614432	Novel	NO	NO	NO	NO
SPBC16E9.11c	SPBC11B10.09	0.3614381	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC1B2.05	0.361346	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC1783.06c	0.3611676	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC19F8.07	0.3611551	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPBC30D10.10c	0.3611226	Novel	NO	NO	YES	NO
SPAC18G6.07c	SPAC9E9.07c	0.3610172	Novel	NO	NO	NO	NO
SPBC1D7.05	SPBC19F8.07	0.360987	Novel	YES	YES	YES	NO
SPAC23H3.04	SPBC3F6.01c	0.3609573	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC32C12.03c	0.3608911	Novel	NO	NO	NO	NO
SPBC24C6.07	SPBC17F3.02	0.3607186	Novel	YES	YES	YES	NO
SPAC9G1.09	SPAC23A1.06c	0.3607016	Novel	NO	YES	YES	NO
SPAC23A1.06c	SPBC8D2.01	0.3606653	Novel	YES	YES	YES	NO
SPAC17A2.09c	SPBC19F8.07	0.3606511	Novel	YES	NO	NO	NO
SPAC31G5.09c	SPBC29A10.15	0.3606257	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC16E9.12c	0.3605848	Novel	NO	NO	NO	NO
SPCC4G3.08	SPAC17G8.14c	0.3605066	Novel	NO	YES	YES	NO
SPAPYUG7.02c	SPBC19F8.07	0.3604705	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPBC19F8.07	0.3604359	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1919.01	0.3603921	Novel	NO	NO	NO	NO
SPAC1F3.02c	SPBC18H10.15	0.3603375	Novel	NO	YES	YES	NO
SPAC6B12.15	SPAC644.04	0.3603008	Novel	NO	YES	NO	YES
SPAC6B12.15	SPAC630.14c	0.3602846	Novel	YES	YES	NO	NO

SPBC32H8.12c	SPAC16C9.07	0.3601935	Novel	YES	YES	NO	NO
SPAC4F10.15c	SPAC1F7.04	0.3601438	Novel	YES	YES	NO	NO
SPBC21.06c	SPAC9E9.07c	0.3601066	Novel	NO	NO	NO	NO
SPBC6B1.07	SPAC1F5.10	0.3600301	Novel	NO	NO	NO	NO
SPAC1F7.04	SPCC4G3.08	0.3600267	Novel	NO	NO	NO	NO
SPBC32F12.06	SPAC2F3.15	0.3599745	Novel	NO	NO	NO	NO
SPBC21.05c	SPAC9E9.07c	0.3599186	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC22F3.03c	0.3598757	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPAC688.02c	0.3598604	Novel	NO	YES	NO	NO
SPAC13D6.02c	SPAC9E9.07c	0.3598066	Novel	NO	NO	NO	NO
SPBC19C7.09c	SPBC337.08c	0.3597321	Novel	NO	NO	NO	YES
SPCC1223.06	SPAC16C9.07	0.3597153	Novel	YES	NO	NO	NO
SPCC16C4.11	SPAC1783.07c	0.3596463	Novel	NO	NO	NO	NO
SPAC16C9.07	SPAC4A8.15c	0.3596038	Novel	NO	NO	NO	NO
SPBC21.06c	SPCC18B5.11c	0.3595637	Novel	NO	YES	YES	NO
SPBC11B10.09	SPAC14C4.03	0.3594842	Novel	NO	YES	YES	YES
SPBC216.07c	SPAC17H9.09c	0.35945	Novel	NO	NO	NO	YES
SPAC15A10.03c	SPAC23H4.17c	0.3594375	Novel	NO	YES	NO	NO
SPCC1795.11	SPAC1B2.05	0.3593616	Novel	YES	YES	NO	YES
SPBC19C2.05	SPBC17F3.02	0.3593174	Novel	YES	YES	YES	NO
SPBC119.08	SPCC4G3.08	0.3592659	Novel	NO	YES	YES	NO
SPAC17A2.13c	SPBC32C12.03c	0.3592659	Novel	NO	NO	NO	NO
SPBC1718.01	SPAC23H4.17c	0.3592601	Novel	NO	NO	NO	NO
SPAC17A2.13c	SPAC2C4.14c	0.3592592	Novel	YES	NO	NO	NO
SPCC16C4.11	SPAC17H9.09c	0.3592379	Novel	NO	NO	NO	NO
SPBC2F12.09c	SPBC19F8.07	0.3591301	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPCC338.16	0.3590922	Novel	NO	NO	NO	NO
SPBC16E9.15	SPAC23H3.04	0.3590618	Novel	NO	NO	NO	NO
SPBC4.07c	SPAC23C4.08	0.3590496	Novel	NO	YES	NO	NO
SPCC16C4.09	SPCC1919.01	0.3590016	Novel	NO	NO	NO	NO
SPAC823.15	SPBC18H10.15	0.3589391	Novel	NO	NO	YES	NO
SPAC6B12.15	SPAPB2B4.03	0.3589243	Novel	NO	YES	YES	YES
SPCC18B5.11c	SPBC1604.14c	0.3588622	Novel	YES	YES	YES	YES
SPBC19F8.07	SPAC11G7.02	0.3587668	Novel	YES	NO	YES	NO
SPAC4D7.05	SPAC23H4.17c	0.3587665	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC821.12	0.3586465	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC9E9.12c	0.3586436	Novel	YES	NO	NO	NO
SPBC16A3.05c	SPAC1F5.10	0.3586386	Novel	NO	NO	NO	NO
SPCC16C4.11	SPCC16C4.07	0.3586057	Novel	NO	NO	NO	NO
SPBC1D7.05	SPBC12D12.04c	0.3585836	Novel	NO	YES	YES	YES
SPAC19B12.03	SPBC19F8.07	0.3585687	Novel	YES	NO	NO	NO
SPAC1805.17	SPBC19F8.07	0.358339	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC24C9.15c	0.3582827	Novel	NO	NO	NO	NO
SPCC1259.13	SPAC1006.07	0.358232	Novel	NO	YES	NO	NO
SPBC24C6.07	SPAC16C9.07	0.3582027	Novel	NO	NO	NO	NO
SPAC823.15	SPCC24B10.07	0.3581818	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC23H3.05c	0.3581593	Novel	NO	NO	NO	NO

SPCC24B10.07	SPAC2C4.14c	0.3581446	Novel	NO	YES	YES	NO
SPBC106.10	SPAC2C4.14c	0.3581056	Novel	NO	YES	YES	NO
SPAC589.10c	SPAC6G10.11c	0.3580794	Novel	YES	YES	YES	NO
SPAPB1A10.10c	SPAC9E9.07c	0.3580637	Novel	NO	YES	YES	NO
SPAC926.04c	SPAC23H4.17c	0.3580237	Novel	NO	YES	NO	NO
SPAC6F6.15	SPAC1B3.11c	0.3579942	Novel	NO	YES	YES	NO
SPBC19F8.07	SPBC29B5.01	0.3579941	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC1952.07	0.3579534	Novel	NO	YES	NO	NO
SPAC2F3.15	SPCC1322.08	0.3578602	Novel	NO	YES	NO	NO
SPAC17G8.09	SPAC824.04	0.3577697	Novel	NO	NO	NO	NO
SPAC823.03	SPCC1223.06	0.3577205	Novel	YES	NO	NO	NO
SPAC29A4.02c	SPAC23H4.17c	0.3576038	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC8D2.11	0.3575714	Novel	NO	NO	YES	NO
SPBC1D7.04	SPAC1F5.10	0.3575407	Novel	NO	NO	NO	NO
SPAC9E9.13	SPAC23H4.17c	0.3574653	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC30B4.01c	0.3574399	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPBC1604.14c	0.3574015	Novel	NO	YES	YES	NO
SPBC1718.01	SPBC354.03	0.3573847	Novel	NO	NO	NO	NO
SPBC106.10	SPBC19F8.07	0.3573318	Novel	YES	YES	YES	NO
SPAC23H3.04	SPAC29E6.01	0.3573018	Novel	NO	NO	NO	NO
SPAC824.04	SPBC13G1.08c	0.35729	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC24B11.06c	0.3571891	Novel	NO	YES	YES	YES
SPCC1322.08	SPAC2C4.14c	0.3571207	Novel	NO	YES	YES	NO
SPAC57A10.02	SPAC2F3.15	0.3570299	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBP35G2.05c	0.3569389	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC9G1.09	0.356784	Novel	NO	YES	YES	NO
SPCC1795.11	SPAC23H4.17c	0.3566662	Novel	NO	YES	NO	NO
SPAC16A10.04	SPCC320.13c	0.3565606	Novel	NO	NO	NO	NO
SPAC823.03	SPBC800.05c	0.3564191	Novel	NO	NO	NO	NO
SPCC18B5.06	SPAC23A1.10	0.3563758	Novel	NO	NO	NO	NO
SPCC18B5.06	SPCC794.09c	0.3563758	Novel	NO	NO	NO	NO
SPCC18B5.06	SPBC839.15c	0.3563758	Novel	NO	NO	NO	NO
SPAC1834.01	SPAC23A1.10	0.3562884	Novel	NO	NO	NO	NO
SPAC1834.01	SPCC794.09c	0.3562884	Novel	NO	NO	NO	NO
SPAC1834.01	SPBC839.15c	0.3562884	Novel	NO	NO	NO	NO
SPAC1805.15c	SPAC4F10.13c	0.3562664	Novel	YES	NO	NO	NO
SPBC651.08c	SPBC14F5.08	0.3562435	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC2F3.15	0.3562348	Novel	NO	YES	NO	NO
SPAC16.01	SPCC4G3.08	0.3562277	Novel	NO	NO	NO	NO
SPCC794.09c	SPAC8F11.07c	0.3562114	Novel	NO	NO	NO	NO
SPAC23A1.10	SPAC8F11.07c	0.3562114	Novel	NO	NO	NO	NO
SPBC839.15c	SPAC8F11.07c	0.3562114	Novel	NO	NO	NO	NO
SPBC543.07	SPAC23H4.17c	0.3561265	Novel	NO	YES	YES	NO
SPBC16H5.11c	SPAC23H4.17c	0.3561149	Novel	NO	NO	NO	NO
SPAC6G10.02c	SPAC16C9.07	0.3559952	Novel	YES	NO	NO	NO
SPBP4H10.04	SPBC18H10.15	0.3559811	Novel	NO	NO	YES	NO
SPAC823.03	SPBC26H8.07c	0.355978	Novel	NO	NO	NO	NO

SPBC106.10	SPBC1604.14c	0.3559758	Novel	NO	YES	YES	NO
SPAC6B12.15	SPCC18.11c	0.3559699	Novel	NO	NO	NO	NO
SPAC110.03	SPCC4G3.08	0.3559141	Novel	NO	NO	NO	NO
SPAC1805.15c	SPBC26H8.01	0.3557587	Novel	NO	NO	NO	NO
SPAC823.03	SPAC27F1.02c	0.3557227	Novel	NO	NO	NO	NO
SPBC1706.01	SPAC16C9.07	0.3556931	Novel	NO	NO	NO	NO
SPAC6B12.11	SPAC23H4.17c	0.3556575	Novel	NO	NO	NO	NO
SPAC18B11.10	SPAC6B12.15	0.3556303	Novel	NO	YES	NO	NO
SPBC19C7.03	SPBC1861.09	0.3555931	Novel	NO	YES	NO	NO
SPCC4G3.08	SPAC20H4.11c	0.355552	Novel	NO	NO	NO	NO
SPBC354.03	SPBC23E6.09	0.3554914	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC4D7.03	0.3554751	Novel	NO	YES	NO	NO
SPAC1783.07c	SPBC19F8.07	0.3553922	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC977.09c	0.3553745	Novel	NO	NO	NO	NO
SPBC1348.10c	SPAC23H3.04	0.3553745	Novel	NO	NO	NO	NO
SPBC8D2.01	SPCC1322.08	0.3553638	Novel	YES	YES	YES	NO
SPBC646.13	SPAC23H4.17c	0.3553502	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC162.10	0.3553268	Novel	NO	NO	NO	NO
SPBC1718.07c	SPBC17F3.02	0.3552442	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPAC144.13c	0.3551838	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBC16H5.11c	0.3551698	Novel	NO	YES	NO	NO
SPAC17C9.11c	SPAC23H3.04	0.3551158	Novel	NO	NO	NO	NO
SPBC216.07c	SPAC1B9.02c	0.3550984	Novel	NO	YES	NO	NO
SPBC106.10	SPBC1861.09	0.3550656	Novel	NO	YES	YES	NO
SPBC32F12.04	SPBC32H8.12c	0.3549917	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC1786.02	0.3547415	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC630.14c	0.3545826	Novel	NO	YES	NO	NO
SPCC576.15c	SPCC18B5.11c	0.3544301	Novel	NO	YES	YES	NO
SPBP35G2.05c	SPBC1347.06c	0.3543844	Novel	NO	YES	YES	NO
SPAC823.03	SPAC6G10.02c	0.3541811	Novel	NO	NO	NO	NO
SPAC29B12.03	SPAC23H4.17c	0.3541542	Novel	NO	NO	NO	NO
SPAC29B12.02c	SPBC651.08c	0.3541235	Novel	NO	NO	NO	NO
SPBC244.01c	SPBC17F3.02	0.3541218	Novel	YES	YES	YES	NO
SPCC1682.02c	SPAC8F11.07c	0.3540987	Novel	NO	NO	NO	YES
SPCC1682.02c	SPCC1795.11	0.35405	Novel	NO	YES	NO	YES
SPBC2F12.08c	SPBC651.08c	0.3539818	Novel	NO	NO	NO	NO
SPBC651.08c	SPAC644.04	0.3539749	Novel	NO	NO	NO	NO
SPCC1259.15c	SPAPB2B4.03	0.3539744	Novel	NO	NO	YES	NO
SPAC823.03	SPCC4B3.15	0.3539282	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC1B9.02c	0.3539249	Novel	NO	YES	YES	NO
SPCC1753.02c	SPBC106.10	0.3538941	Novel	NO	NO	YES	YES
SPCC16C4.11	SPBC4F6.06	0.3538889	Novel	NO	YES	YES	NO
SPBC651.08c	SPBP23A10.14c	0.3538835	Novel	NO	NO	NO	NO
SPAC19B12.05c	SPBC651.08c	0.3538807	Novel	NO	YES	NO	NO
SPBC18H10.04c	SPAC2C4.14c	0.3538759	Novel	NO	NO	NO	NO
SPAC2F7.03c	SPCC320.13c	0.353849	Novel	NO	YES	NO	NO
SPAC23G3.01	SPBC651.08c	0.3538249	Novel	NO	YES	NO	NO

SPAC23H3.04	SPAC19G12.16c	0.3537933	Novel	NO	NO	YES	NO
SPBC32H8.10	SPBC119.08	0.3537889	Novel	NO	YES	YES	NO
SPBC12D12.04c	SPCC4G3.08	0.3537832	Novel	NO	YES	YES	NO
SPCC24B10.07	SPBC16H5.07c	0.3537534	Novel	NO	NO	NO	NO
SPBC30D10.06	SPAC19A8.13	0.3537109	Novel	NO	NO	YES	NO
SPBC651.08c	SPAC23C4.15	0.353694	Novel	YES	YES	YES	NO
SPAC17C9.05c	SPBC651.08c	0.3536887	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC25D12.03c	0.3536489	Novel	NO	YES	NO	NO
SPBC651.08c	SPCC1442.10c	0.3536288	Novel	NO	YES	NO	NO
SPCC4E9.02	SPAC23H3.04	0.3536183	Novel	NO	NO	NO	NO
SPCC162.10	SPBC119.08	0.3535941	Novel	NO	YES	YES	NO
SPCC757.09c	SPBC11B10.09	0.3535525	Novel	NO	YES	NO	NO
SPCC1672.08c	SPBC651.08c	0.3534865	Novel	NO	YES	NO	NO
SPBC776.02c	SPAC1639.02c	0.3533983	Novel	NO	NO	NO	NO
SPCC1020.04c	SPBC651.08c	0.3533887	Novel	YES	YES	YES	NO
SPCC24B10.07	SPCC4G3.08	0.3533857	Novel	NO	YES	YES	NO
SPCC417.06c	SPAPB18E9.04c	0.3533529	Novel	NO	NO	NO	NO
SPBC32H8.07	SPBC24C6.06	0.3533451	Novel	YES	YES	YES	NO
SPAC23H3.04	SPCC1235.05c	0.3533267	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC32C12.03c	0.3533078	Novel	NO	YES	YES	NO
SPCC16C4.11	SPCC576.03c	0.3532888	Novel	NO	YES	NO	NO
SPBC800.05c	SPAC16C9.07	0.3532493	Novel	NO	NO	NO	NO
SPACUNK4.06c	SPBC651.08c	0.3532241	Novel	NO	YES	NO	NO
SPAC6B12.15	SPBC13G1.08c	0.3531689	Novel	NO	NO	NO	NO
SPBC337.14	SPBC651.08c	0.3531622	Novel	NO	YES	NO	NO
SPBP8B7.06	SPAC23H3.04	0.3530589	Novel	NO	NO	NO	NO
SPAC110.03	SPBC56F2.07c	0.3530255	Novel	NO	NO	NO	NO
SPAC6B12.15	SPCC306.04c	0.3529939	Novel	YES	NO	NO	NO
SPAC23A1.06c	SPBC32H8.10	0.3529666	Novel	NO	YES	YES	NO
SPCC16C4.01	SPBC12D12.01	0.3529566	Novel	YES	NO	NO	NO
SPAC664.10	SPAC1786.03	0.3529528	Novel	NO	NO	NO	NO
SPAPYUG7.04c	SPBC651.08c	0.3529443	Novel	NO	YES	NO	NO
SPAC3A12.07	SPBC651.08c	0.352904	Novel	NO	YES	NO	NO
SPAC16.01	SPBC19C2.05	0.3528684	Novel	NO	YES	NO	NO
SPBC14C8.12	SPBC651.08c	0.3528615	Novel	YES	YES	YES	NO
SPBC1734.14c	SPAC23H4.17c	0.3528529	Novel	NO	NO	NO	NO
SPBC26H8.07c	SPAC16C9.07	0.3528316	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC637.12c	0.3528237	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC1F5.10	0.3527962	Novel	NO	YES	NO	NO
SPBC106.10	SPBC17F3.02	0.3527233	Novel	YES	YES	YES	NO
SPAC23H3.04	SPBC23G7.14	0.3526653	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC1486.04c	0.3525691	Novel	NO	NO	NO	NO
SPAC1D4.13	SPBC8D2.01	0.3524638	Novel	NO	YES	YES	NO
SPBC18H10.15	SPBC16H5.07c	0.352369	Novel	NO	NO	YES	NO
SPBC2D10.20	SPCC338.05c	0.3523569	Novel	NO	YES	YES	NO
SPAC3G6.02	SPAC1006.07	0.3523407	Novel	NO	NO	NO	NO
SPCC16A11.05c	SPAC23H4.17c	0.3523279	Novel	NO	NO	NO	NO

SPAC23H3.04	SPBC1861.09	0.3523154	Novel	NO	NO	NO	NO
SPAC17D4.02	SPACUNK12.02c	0.3522321	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC2F3.15	0.3522196	Novel	NO	YES	NO	NO
SPAC1B9.02c	SPAC9G1.09	0.3521653	Novel	NO	YES	YES	NO
SPAC23H3.04	SPCC18.05c	0.3520658	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC543.07	0.352049	Novel	YES	NO	YES	YES
SPCC1259.13	SPBC17D1.06	0.3520062	Novel	NO	YES	NO	NO
SPBC651.08c	SPAC1B3.12c	0.3519814	Novel	YES	YES	YES	NO
SPCC16C4.11	SPBC244.01c	0.3519594	Novel	NO	YES	NO	NO
SPAC4A8.05c	SPAC20G4.06c	0.3519246	Novel	NO	YES	NO	YES
SPAC3A11.12c	SPCC5E4.04	0.3518736	Novel	NO	NO	NO	NO
SPBC1703.10	SPAC1B3.11c	0.3518706	Novel	NO	YES	YES	NO
SPCC16C4.11	SPCC4B3.15	0.3517942	Novel	NO	YES	NO	NO
SPBC216.07c	SPCC4G3.08	0.3517917	Novel	NO	YES	YES	NO
SPBC19C2.03	SPBC651.08c	0.3516332	Novel	YES	YES	YES	NO
SPBC13G1.11	SPAC1B3.11c	0.3515809	Novel	NO	NO	YES	NO
SPCC576.15c	SPCC162.10	0.3515731	Novel	NO	YES	YES	NO
SPCC1840.02c	SPBC19F8.07	0.3515502	Novel	YES	NO	NO	NO
SPBC1604.14c	SPAC1687.15	0.3514961	Novel	NO	YES	YES	NO
SPAC11H11.06	SPCC1672.06c	0.3514289	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC23D3.10c	0.3514046	Novel	YES	NO	NO	NO
SPBC354.03	SPBC29B5.01	0.3513954	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPBC16H5.11c	0.3513644	Novel	NO	YES	NO	NO
SPCC576.03c	SPBC19F8.07	0.351211	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC1450.09c	0.3511911	Novel	YES	NO	NO	NO
SPAC1D4.06c	SPAC1687.15	0.351121	Novel	NO	YES	YES	NO
SPBC336.04	SPAC31G5.09c	0.3510066	Novel	NO	NO	NO	NO
SPCC4G3.08	SPBC14C8.01c	0.3510043	Novel	NO	NO	NO	NO
SPBC9B6.10	SPAC1687.15	0.3509326	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC4F6.06	0.3509216	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAC4A8.05c	0.3508997	Novel	NO	YES	NO	YES
SPCC16C4.09	SPAC57A7.08	0.3507833	Novel	YES	NO	NO	NO
SPBC405.04c	SPAC9E9.07c	0.3507693	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPBP19A11.04c	0.3506276	Novel	NO	YES	NO	NO
SPBC1718.01	SPBC14C8.07c	0.3506168	Novel	NO	NO	NO	YES
SPBC582.03	SPAC2F3.15	0.3506069	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC19E9.02	0.3505435	Novel	NO	YES	NO	NO
SPCC1259.13	SPAC1F5.10	0.3504458	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC23C11.16	0.3504223	Novel	NO	YES	YES	NO
SPAC1805.05	SPBP35G2.05c	0.3504064	Novel	NO	YES	YES	NO
SPBC11B10.09	SPAC630.14c	0.3503737	Novel	NO	YES	NO	NO
SPCC622.09	SPCC320.13c	0.350356	Novel	NO	NO	NO	NO
SPCC24B10.07	SPCC320.13c	0.350303	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC16H5.11c	0.3502792	Novel	NO	NO	NO	NO
SPBC713.06	SPAC9E9.08	0.3502343	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC106.10	0.3502136	Novel	YES	YES	YES	YES
SPAC23H3.04	SPAC17A5.18c	0.3500513	Novel	NO	NO	NO	NO

SPBC660.14	SPCC1259.13	0.3500041	Novel	NO	YES	YES	YES
SPAC24B11.06c	SPBC1861.09	0.3498954	Novel	NO	YES	YES	NO
SPAC9G1.09	SPCC1322.08	0.3498849	Novel	NO	YES	YES	NO
SPBC354.03	SPAC21E11.03c	0.3498323	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPBC646.06c	0.3497445	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC8D2.19	0.3496801	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC977.10	0.3495666	Novel	NO	NO	NO	NO
SPAC6B12.15	SPCC594.05c	0.3495208	Novel	NO	NO	NO	NO
SPBC543.07	SPAC23C11.16	0.3495202	Novel	YES	YES	YES	NO
SPAC17G6.16c	SPBC18H10.06c	0.3494338	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC22F3.09c	0.3493122	Novel	NO	NO	NO	NO
SPCC576.15c	SPAC4G8.05	0.3492986	Novel	NO	YES	YES	NO
SPBC11G11.04	SPAC23H3.04	0.3492792	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPAC23H3.04	0.3492575	Novel	NO	NO	NO	NO
SPAC977.10	SPBC19F8.07	0.3492219	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1A4.11c	0.3491969	Novel	NO	NO	YES	NO
SPAC23H3.04	SPAC26F1.02	0.349086	Novel	NO	NO	YES	NO
SPAC22E12.14c	SPBC11B10.09	0.3490758	Novel	NO	YES	YES	NO
SPAC6B12.15	SPAC17G8.09	0.3490281	Novel	NO	NO	NO	NO
SPBC713.06	SPBC342.05	0.3489761	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPAC15A10.16	0.3489059	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPBC14C8.07c	0.3488684	Novel	NO	YES	NO	NO
SPBC887.04c	SPAC2G11.06	0.3488113	Novel	YES	NO	NO	NO
SPAC9G1.02	SPAC2C4.14c	0.3487748	Novel	NO	YES	YES	NO
SPBC11B10.09	SPCC4G3.08	0.3485758	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPBC4.04c	0.3485422	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC336.12c	0.3485366	Novel	NO	NO	NO	NO
SPAC110.03	SPBC11B10.09	0.3484842	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC23H4.02	0.34841	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC823.04	0.348407	Novel	NO	NO	NO	NO
SPCC320.13c	SPAC2C4.14c	0.348387	Novel	NO	YES	NO	NO
SPAC23H3.04	SPCC794.01c	0.34837	Novel	NO	NO	NO	NO
SPBC16A3.05c	SPAC23A1.09	0.3483189	Novel	NO	NO	NO	NO
SPCC16C4.11	SPCC757.09c	0.3481869	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC776.18c	0.3481707	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC23C4.18c	0.3481466	Novel	NO	NO	NO	NO
SPAC6B12.15	SPCC320.13c	0.3480428	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC3B9.22c	0.3480146	Novel	NO	NO	NO	NO
SPBC4.04c	SPBC29A10.15	0.347882	Novel	YES	YES	YES	YES
SPBC354.03	SPAC8C9.03	0.3476842	Novel	NO	NO	NO	NO
SPAC29A4.16	SPAC1687.15	0.3476808	Novel	NO	YES	YES	NO
SPBC582.03	SPCC18.05c	0.3476741	Novel	NO	NO	NO	NO
SPBC713.06	SPAC1952.07	0.3476734	Novel	NO	NO	YES	NO
SPCC16C4.11	SPAC1006.09	0.3476401	Novel	NO	YES	YES	NO
SPBC354.03	SPAC6F12.15c	0.3476327	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC821.12	0.3475351	Novel	NO	YES	YES	NO
SPAC821.06	SPCC417.06c	0.3474889	Novel	NO	NO	NO	NO

SPCC757.09c	SPAC1D4.13	0.3474055	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC1142.07c	0.3473568	Novel	NO	NO	NO	NO
SPBC1198.09	SPCC338.05c	0.3473404	Novel	NO	YES	YES	NO
SPBC25D12.03c	SPCC364.02c	0.3472538	Novel	NO	NO	NO	YES
SPBC660.14	SPCC320.13c	0.3472187	Novel	NO	YES	NO	NO
SPAC23A1.06c	SPCC18B5.11c	0.3471632	Novel	NO	YES	YES	YES
SPCC162.06c	SPAC23H3.04	0.3470814	Novel	NO	NO	NO	NO
SPBC354.03	SPBC3B8.02	0.3470508	Novel	NO	NO	NO	NO
SPBC20F10.06	SPAC2C4.14c	0.347047	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPBC216.07c	0.347042	Novel	NO	YES	NO	NO
SPAC24H6.05	SPCC74.03c	0.3469441	Novel	YES	NO	NO	YES
SPCC4E9.02	SPBC1347.12	0.3469416	Novel	NO	NO	NO	NO
SPAC22G7.09c	SPCC613.12c	0.3469285	Novel	NO	NO	NO	NO
SPAC2G11.11c	SPAPB2B4.03	0.3468768	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25H1.08c	0.3468735	Novel	NO	NO	NO	NO
SPBC1D7.04	SPAC1006.07	0.3467977	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC10H11.02	0.3467662	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC12D12.07c	0.3467604	Novel	NO	NO	NO	NO
SPBC8D2.01	SPCC1739.11c	0.3467497	Novel	YES	NO	NO	NO
SPAC343.09	SPAC2G11.06	0.3466928	Novel	NO	NO	NO	NO
SPAC3A11.09	SPAC23H3.04	0.3466478	Novel	YES	NO	NO	NO
SPBC30B4.01c	SPAC14C4.09	0.3465902	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC19C2.05	0.3465363	Novel	YES	YES	YES	YES
SPCC18B5.03	SPAC11E3.09	0.3465314	Novel	NO	NO	NO	YES
SPBC1685.01	SPAC1D4.13	0.3464319	Novel	NO	YES	YES	NO
SPAC2G11.06	SPAC2C4.15c	0.346425	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPAC31G5.09c	0.3463992	Novel	NO	YES	YES	NO
SPBC354.03	SPAC644.04	0.3463189	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC821.08c	0.3463158	Novel	NO	NO	NO	NO
SPAC2G11.06	SPBC14C8.01c	0.3462985	Novel	NO	NO	NO	NO
SPBC29A10.15	SPCC1682.02c	0.3462057	Novel	YES	YES	YES	YES
SPCC16C4.11	SPAC4F10.15c	0.3461067	Novel	NO	YES	NO	NO
SPBC4C3.05c	SPAC30D11.10	0.3460333	Novel	NO	NO	NO	YES
SPCC162.10	SPBP4H10.04	0.3459285	Novel	NO	NO	YES	NO
SPBC11B10.09	SPCC74.03c	0.3459243	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC17A5.11	0.3458732	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC13G1.10c	0.3458574	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPBC21.06c	0.3458084	Novel	NO	YES	NO	YES
SPAC31G5.09c	SPAC1B9.02c	0.3457932	Novel	NO	YES	YES	NO
SPBC713.06	SPBC16D10.09	0.3457833	Novel	NO	YES	NO	NO
SPBC32F12.09	SPCC1682.02c	0.3457677	Novel	NO	NO	NO	YES
SPAC4A8.05c	SPAC926.04c	0.3456745	Novel	YES	YES	NO	YES
SPAC4F10.15c	SPBC1706.01	0.3456517	Novel	NO	YES	YES	NO
SPCC613.12c	SPAC26A3.15c	0.3455124	Novel	NO	NO	NO	NO
SPAC22G7.09c	SPAC1952.13	0.3455043	Novel	YES	NO	YES	NO
SPBC713.06	SPAC343.11c	0.345486	Novel	NO	NO	NO	NO
SPCC1682.16	SPAC23C4.08	0.3454848	Novel	NO	NO	NO	NO

SPAC57A7.08	SPCC188.02	0.3454784	Novel	NO	NO	NO	NO
SPBC1709.01	SPAC29A4.05	0.3453782	Novel	NO	YES	NO	YES
SPCC16C4.11	SPCC576.15c	0.3453162	Novel	NO	YES	YES	NO
SPBC543.07	SPBC21.06c	0.3452864	Novel	NO	YES	YES	YES
SPBC713.06	SPBC16D10.04c	0.3451364	Novel	NO	YES	YES	NO
SPAC27D7.02c	SPAC23H3.04	0.3451212	Novel	NO	NO	NO	NO
SPAC637.07	SPBC32F12.04	0.3449119	Novel	NO	NO	NO	YES
SPCC24B10.07	SPBC19F8.07	0.3447756	Novel	NO	YES	YES	NO
SPBC16A3.15c	SPAC823.03	0.3447582	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC1F5.10	0.3447256	Novel	NO	NO	NO	NO
SPAC6F12.15c	SPCC18.05c	0.3445077	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1604.25	0.3444949	Novel	NO	NO	NO	NO
SPAC16A10.04	SPCC1682.16	0.3444827	Novel	NO	NO	NO	NO
SPAC1B3.03c	SPCC188.11	0.3444674	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC409.04c	0.3443308	Novel	YES	YES	NO	NO
SPAC23H4.02	SPAC821.08c	0.3443268	Novel	NO	NO	NO	NO
SPAC1952.13	SPAC26A3.15c	0.3443088	Novel	NO	NO	YES	NO
SPBC25D12.03c	SPCC895.07	0.3440869	Novel	NO	NO	NO	YES
SPCC970.12	SPAC25H1.06	0.3439438	Novel	YES	NO	NO	NO
SPAC821.12	SPACUNK12.02c	0.3438537	Novel	NO	YES	YES	NO
SPBC1105.17	SPAC25H1.06	0.3435567	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC24B10.03	0.3435301	Novel	NO	NO	YES	NO
SPAC4F10.15c	SPBC28E12.03	0.3434916	Novel	NO	YES	NO	NO
SPCC417.06c	SPBC1604.14c	0.3434059	Novel	NO	YES	YES	NO
SPAC110.03	SPAC1565.08	0.3432771	Novel	NO	YES	NO	NO
SPAC57A7.08	SPBC12D12.04c	0.3432495	Novel	NO	NO	NO	YES
SPAC1D4.13	SPCC18B5.11c	0.3431948	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC14C8.08c	0.3431005	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC19G7.05c	0.3430959	Novel	NO	NO	NO	NO
SPAC56F8.16	SPCC320.13c	0.3430853	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC1F3.02c	0.3430307	Novel	NO	YES	YES	NO
SPBC20F10.01	SPAC12G12.13c	0.3429517	Novel	YES	YES	NO	NO
SPAC31G5.09c	SPACUNK12.02c	0.3428569	Novel	NO	YES	YES	NO
SPBC1703.10	SPAC1F5.09c	0.342849	Novel	NO	NO	NO	NO
SPBC543.07	SPCC4G3.08	0.3427305	Novel	NO	YES	YES	NO
SPBC582.03	SPCC320.13c	0.3426412	Novel	NO	YES	NO	NO
SPAC20H4.11c	SPAC9E9.07c	0.342633	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPAC31G5.09c	0.3426045	Novel	NO	YES	YES	NO
SPBC18H10.15	SPAC17G8.14c	0.3425586	Novel	NO	YES	YES	NO
SPAC6G9.06c	SPAC926.03	0.3423401	Novel	NO	YES	NO	NO
SPBC106.10	SPBC30D10.10c	0.3422956	Novel	YES	YES	YES	NO
SPBP16F5.02	SPAC2F3.15	0.3421476	Novel	NO	NO	NO	NO
SPAC821.12	SPBC1861.09	0.342117	Novel	NO	YES	YES	NO
SPCC1259.13	SPBC8D2.01	0.3420492	Novel	YES	YES	YES	NO
SPAC21E11.03c	SPBC1289.11	0.3419618	Novel	NO	NO	NO	NO
SPBC409.07c	SPCC18B5.11c	0.3419161	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPAC23H4.17c	0.3418745	Novel	NO	YES	YES	NO

SPAC17H9.09c	SPCC895.07	0.3418354	Novel	NO	NO	YES	NO
SPAC31G5.09c	SPAC21E11.03c	0.3417884	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC17D1.06	0.3417653	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPAC16C9.07	0.3417291	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC3C7.13c	0.3417121	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC11H11.06	0.3416102	Novel	NO	NO	NO	NO
SPBC3B9.11c	SPBC18H10.06c	0.3416022	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC417.08	0.3415994	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC9E9.07c	0.3415753	Novel	NO	YES	NO	NO
SPBC18H10.15	SPAC3C7.06c	0.3414482	Novel	NO	YES	YES	NO
SPCC736.14	SPBC25D12.03c	0.3414164	Novel	NO	NO	NO	YES
SPAC4F10.15c	SPAC20H4.11c	0.3413967	Novel	YES	NO	YES	NO
SPAC23H3.04	SPBC15D4.08c	0.341327	Novel	NO	NO	NO	NO
SPBC409.07c	SPCC18.05c	0.3412157	Novel	NO	NO	NO	NO
SPAPB17E12.09	SPAC23H3.04	0.3411746	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC31F10.13c	0.341174	Novel	NO	YES	NO	YES
SPBC11B10.09	SPBP16F5.05c	0.3410185	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPAC1F3.02c	0.3410119	Novel	NO	NO	YES	YES
SPCC1672.06c	SPBC1347.12	0.3409638	Novel	NO	NO	NO	NO
SPBC32H8.12c	SPAC1805.07c	0.3408989	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC24C9.07c	0.3408727	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPBC244.01c	0.3408643	Novel	NO	YES	YES	YES
SPBC12D12.04c	SPBC18H10.15	0.3408616	Novel	NO	YES	YES	NO
SPCC320.13c	SPAC1F5.09c	0.3408574	Novel	NO	YES	NO	NO
SPAC57A10.02	SPCC1259.13	0.340743	Novel	NO	YES	YES	YES
SPAC22H10.04	SPBC3F6.01c	0.3404384	Novel	YES	YES	YES	NO
SPBC1D7.05	SPAC23C4.08	0.3402722	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC22E12.14c	0.3401457	Novel	NO	YES	YES	NO
SPCC18B5.03	SPCC74.03c	0.3400962	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC776.12c	0.340046	Novel	NO	YES	YES	YES
SPBC9B6.10	SPBC8D2.01	0.3399397	Novel	YES	NO	NO	NO
SPAC20G4.06c	SPAC2C4.14c	0.3397061	Novel	YES	NO	NO	NO
SPACUNK12.02c	SPBC409.05	0.3396773	Novel	NO	NO	NO	NO
SPBP4H10.04	SPAC4A8.12c	0.3395853	Novel	NO	NO	NO	YES
SPBC11B10.09	SPAC1006.07	0.3395664	Novel	NO	YES	NO	NO
SPBC119.08	SPAC644.06c	0.339544	Novel	YES	YES	YES	NO
SPBP4H10.04	SPBC106.10	0.3394923	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC24H6.09	0.339434	Novel	YES	YES	NO	NO
SPBC428.13c	SPCC24B10.07	0.3394193	Novel	NO	YES	NO	NO
SPBC119.08	SPAC23H4.17c	0.3394139	Novel	NO	YES	YES	NO
SPCC162.10	SPAC1F7.04	0.3393974	Novel	NO	NO	NO	NO
SPBC216.06c	SPACUNK12.02c	0.3393821	Novel	NO	NO	NO	NO
SPAC1805.05	SPBC1347.06c	0.3393498	Novel	NO	YES	YES	NO
SPBC119.08	SPAC2F3.15	0.3393322	Novel	NO	YES	NO	NO
SPBC543.07	SPAC1565.04c	0.3393094	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC645.12c	0.3390478	Novel	NO	NO	YES	NO
SPBC3D6.08c	SPAC644.12	0.3389774	Novel	NO	NO	NO	NO

SPCC1259.15c	SPAC20H4.11c	0.338952	Novel	NO	NO	NO	NO
SPCC4B3.15	SPCC320.13c	0.3389389	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPBC776.18c	0.3389296	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC1795.11	0.3389103	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAPB18E9.04c	0.338848	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC17G8.14c	0.3387971	Novel	NO	NO	YES	YES
SPAC823.15	SPCC320.13c	0.3387623	Novel	NO	NO	NO	NO
SPBC19C7.03	SPACUNK12.02c	0.338757	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPAC1F5.09c	0.338692	Novel	NO	YES	YES	NO
SPBC4F6.12	SPAC29A4.05	0.3386712	Novel	YES	YES	NO	YES
SPAC31G5.09c	SPAC6B12.11	0.3386427	Novel	NO	NO	NO	NO
SPCC1259.13	SPAC22F3.03c	0.3385506	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC23C4.08	0.3384969	Novel	NO	YES	NO	NO
SPAC22E12.14c	SPCC18B5.11c	0.3383386	Novel	NO	YES	YES	NO
SPBC12D12.08c	SPAC26A3.16	0.3382747	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC19F8.07	0.3382671	Novel	NO	YES	YES	NO
SPBC1198.12	SPBC18H10.15	0.3380984	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC222.18	0.3380597	Novel	NO	NO	NO	NO
SPBC32H8.10	SPBC24C6.07	0.3378872	Novel	NO	YES	NO	NO
SPCC74.09	SPAC6B12.15	0.3378727	Novel	NO	NO	NO	NO
SPAC9G1.09	SPCC4G3.08	0.337721	Novel	NO	YES	YES	NO
SPCC569.03	SPAC23H3.04	0.3375985	Novel	NO	NO	YES	NO
SPBC19F8.01c	SPAC23H3.04	0.3375981	Novel	NO	NO	YES	NO
SPBC106.10	SPAC4G8.05	0.3375558	Novel	NO	YES	YES	NO
SPAC2F3.15	SPBC4C3.12	0.3375246	Novel	NO	NO	NO	NO
SPAC9G1.09	SPACUNK12.02c	0.3375084	Novel	NO	YES	YES	NO
SPBP4H10.04	SPCC4G3.08	0.337469	Novel	NO	NO	YES	NO
SPAC31G5.09c	SPBC146.03c	0.3374231	Novel	NO	YES	NO	NO
SPBC32F12.04	SPAC18G6.02c	0.3374033	Novel	NO	NO	NO	YES
SPCC16C4.11	SPAPB18E9.04c	0.3373618	Novel	NO	NO	NO	NO
SPCC5E4.03c	SPCC777.10c	0.3372597	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPAC17G8.14c	0.3371735	Novel	YES	YES	YES	NO
SPAC1F3.02c	SPCC4G3.08	0.3370037	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPBC685.09	0.3369513	Novel	NO	NO	NO	NO
SPBC32H8.10	SPAC1782.09c	0.336876	Novel	NO	YES	NO	NO
SPBC21C3.20c	SPCC320.13c	0.3367674	Novel	NO	NO	NO	NO
SPBC776.12c	SPAC2C4.14c	0.336723	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPAC821.04c	0.3366899	Novel	NO	YES	NO	NO
SPCC162.10	SPCC1739.11c	0.336682	Novel	NO	NO	NO	NO
SPCC1682.16	SPBC14C8.01c	0.3366392	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC16A11.02	0.3366361	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPCC1322.08	0.3366033	Novel	NO	YES	YES	YES
SPAC4A8.05c	SPAC1565.06c	0.3365835	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC22G7.09c	0.3365561	Novel	NO	NO	NO	NO
SPAC1F5.10	SPBC14C8.07c	0.3365496	Novel	NO	YES	NO	NO
SPAC821.12	SPBC14C8.01c	0.3364224	Novel	NO	NO	NO	NO
SPCC338.05c	SPCC777.10c	0.3363924	Novel	NO	NO	NO	NO

SPAC3A11.14c	SPBC16A3.15c	0.3363209	Novel	NO	NO	YES	YES
SPAC664.07c	SPCC320.13c	0.3362949	Novel	NO	YES	NO	NO
SPAC1B2.05	SPBC14C8.07c	0.3362069	Novel	YES	YES	YES	YES
SPCC24B10.07	SPCC5E4.04	0.3362018	Novel	NO	YES	NO	NO
SPBC21.06c	SPAC1F5.09c	0.3361996	Novel	NO	YES	YES	NO
SPAC890.07c	SPAC23H3.04	0.3361417	Novel	NO	NO	NO	NO
SPCC4G3.08	SPAC23C4.08	0.3361053	Novel	NO	NO	NO	NO
SPBP4H10.04	SPBC26H8.10	0.3360331	Novel	NO	NO	NO	YES
SPBC11B10.09	SPAC1006.09	0.3359489	Novel	NO	YES	YES	YES
SPAC110.03	SPCC162.10	0.33584	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC20F10.06	0.3358386	Novel	NO	NO	NO	NO
SPBC1198.09	SPAC20H4.11c	0.3357235	Novel	NO	NO	NO	NO
SPAC4D7.05	SPAC31G5.09c	0.3356986	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC23C4.08	0.3356571	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC32F12.09	0.3355799	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPCC4G3.08	0.3355724	Novel	NO	YES	YES	NO
SPAC16.01	SPCC162.10	0.3355618	Novel	NO	NO	NO	NO
SPAC8C9.03	SPCC18.05c	0.3355512	Novel	NO	NO	NO	NO
SPAC110.03	SPBC215.13	0.3354285	Novel	NO	NO	NO	NO
SPAC688.02c	SPBC19F8.07	0.3354265	Novel	NO	NO	NO	NO
SPAC24C9.07c	SPAC821.12	0.33536	Novel	NO	NO	NO	NO
SPBC19C7.03	SPAC1687.15	0.335316	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC644.14c	0.3352967	Novel	NO	YES	NO	NO
SPAC2G11.12	SPBC211.04c	0.3352603	Novel	NO	YES	NO	YES
SPCC16C4.11	SPCC645.05c	0.3352065	Novel	NO	YES	NO	NO
SPAC821.12	SPAC1F3.02c	0.3351909	Novel	NO	YES	YES	NO
SPBC16A3.05c	SPCC1620.11	0.3351777	Novel	YES	NO	YES	NO
SPBP4H10.04	SPAC23H4.17c	0.3351707	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC162.07	0.3351322	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC23H4.13c	0.335052	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPAC2F3.15	0.3349965	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC14C4.03	0.3349739	Novel	NO	YES	YES	NO
SPBC32F12.04	SPCC1322.12c	0.3348192	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC26A3.15c	0.3348181	Novel	NO	NO	NO	NO
SPAC110.03	SPBC13E7.09	0.3348017	Novel	NO	YES	NO	NO
SPBC19C2.05	SPBC19F8.07	0.3347835	Novel	YES	YES	YES	NO
SPCC18B5.11c	SPCC1739.11c	0.3346859	Novel	YES	YES	NO	YES
SPCC4E9.02	SPBC119.02	0.3346552	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC1703.10	0.3346366	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPCC4B3.15	0.3345955	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPBC19C2.05	0.3345666	Novel	NO	YES	YES	YES
SPAC1834.04	SPAC29A4.18	0.3345366	Novel	NO	NO	NO	YES
SPBC1105.11c	SPAC29A4.18	0.3345366	Novel	NO	YES	NO	YES
SPBC8D2.04	SPAC29A4.18	0.3345366	Novel	NO	NO	NO	YES
SPBC582.03	SPAC23H4.02	0.334529	Novel	YES	NO	NO	NO
SPAC821.12	SPBC1D7.05	0.3345069	Novel	NO	YES	YES	YES
SPAC3A11.08	SPBC32H8.02c	0.3345059	Novel	NO	NO	NO	NO

SPBC18H10.06c	SPAC227.08c	0.3344567	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC1718.01	0.334405	Novel	NO	NO	NO	NO
SPAC328.03	SPCC320.13c	0.3343937	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC646.13	0.3343286	Novel	NO	NO	NO	NO
SPCC4G3.08	SPBC1604.14c	0.3343278	Novel	NO	YES	YES	NO
SPAC19D5.01	SPAC1687.15	0.3342863	Novel	NO	NO	NO	NO
SPCC74.09	SPAC29B12.06c	0.3342699	Novel	NO	YES	NO	NO
SPAC16.01	SPAC23D3.10c	0.3342501	Novel	NO	NO	NO	NO
SPBC649.05	SPCC18B5.11c	0.3341521	Novel	YES	YES	NO	YES
SPAC23H3.04	SPAC2G11.06	0.3341188	Novel	NO	NO	NO	NO
SPCC162.10	SPAC20H4.11c	0.3341069	Novel	NO	NO	NO	NO
SPBC4.04c	SPAC2G11.12	0.3340866	Novel	NO	YES	NO	YES
SPAC926.04c	SPAC31G5.09c	0.3340543	Novel	NO	YES	NO	NO
SPAC1687.14c	SPBC12D12.01	0.3339713	Novel	NO	NO	NO	NO
SPCC162.10	SPBC12D12.04c	0.3339611	Novel	NO	YES	YES	NO
SPBC8D2.01	SPCC5E4.04	0.3339197	Novel	YES	NO	YES	NO
SPAC4A8.05c	SPBC4F6.12	0.3338255	Novel	YES	YES	YES	YES
SPAC9G1.09	SPBC12D12.04c	0.3338045	Novel	NO	YES	YES	NO
SPAC3C7.06c	SPBC19F8.07	0.333758	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAPB1E7.04c	0.3337029	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC6F6.08c	0.3336797	Novel	NO	YES	NO	NO
SPAC22E12.14c	SPBP4H10.04	0.3336665	Novel	NO	NO	YES	NO
SPBC1711.05	SPAC644.12	0.3335027	Novel	NO	NO	NO	NO
SPBC409.05	SPAC1B2.05	0.3333668	Novel	NO	YES	NO	YES
SPAC4A8.05c	SPAC22H10.07	0.3333111	Novel	NO	YES	NO	YES
SPBC119.08	SPBC1861.09	0.3330593	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC25B2.01	0.3330572	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC9G1.02	0.3330123	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPAC14C4.03	0.3330086	Novel	NO	YES	YES	YES
SPAC9G1.09	SPBC1861.09	0.3329362	Novel	NO	YES	YES	NO
SPCC24B10.07	SPBC26H8.05c	0.332871	Novel	NO	NO	NO	NO
SPBC25D12.03c	SPCC1795.11	0.3328237	Novel	NO	YES	NO	YES
SPAC26F1.10c	SPAC1687.15	0.3327346	Novel	NO	NO	NO	NO
SPBP8B7.01c	SPAC23H3.04	0.3327099	Novel	NO	NO	NO	NO
SPAC23D3.10c	SPAC20H4.11c	0.3326739	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPBC887.04c	0.3326467	Novel	NO	NO	NO	NO
SPBC32C12.02	SPAC1687.15	0.3326414	Novel	NO	NO	NO	NO
SPAC694.06c	SPCC1682.02c	0.3325977	Novel	NO	YES	NO	YES
SPAC2F3.15	SPCC1739.11c	0.3325319	Novel	NO	NO	NO	YES
SPBC32C12.02	SPAC23H4.17c	0.3325308	Novel	NO	NO	YES	NO
SPAC23H3.04	SPCC24B10.10c	0.3325249	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPAC16.01	0.3325071	Novel	YES	YES	YES	NO
SPAC1D4.06c	SPAC22F3.03c	0.3324491	Novel	NO	YES	NO	YES
SPAC644.12	SPAC3G6.13c	0.33243	Novel	NO	NO	NO	NO
SPAC3F10.18c	SPAC644.12	0.33243	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPBC1D7.05	0.3324086	Novel	NO	YES	YES	YES
SPAC664.01c	SPCC132.02	0.3322891	Novel	YES	NO	YES	NO

SPCC16C4.11	SPCC18.05c	0.3322789	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC19B12.03	0.3322489	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC887.10	0.332222	Novel	NO	NO	NO	NO
SPBC336.04	SPAC1B2.05	0.3322058	Novel	NO	YES	NO	YES
SPBC649.05	SPAC23H4.02	0.3320584	Novel	YES	NO	NO	NO
SPAC31G5.09c	SPAC23C11.12	0.3320485	Novel	NO	NO	NO	NO
SPBC1685.15c	SPBC16A3.15c	0.3320441	Novel	NO	YES	YES	YES
SPBC1778.04	SPBC1347.10	0.3320175	Novel	NO	YES	NO	NO
SPAC1687.15	SPCC1739.11c	0.3319588	Novel	NO	NO	NO	NO
SPCC297.03	SPAC1687.15	0.3319467	Novel	NO	YES	YES	NO
SPCC622.09	SPCC4G3.08	0.3318541	Novel	NO	NO	NO	NO
SPBC1778.04	SPAC664.01c	0.3318183	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC1B9.02c	0.3317611	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC3G6.09c	0.3317173	Novel	NO	NO	NO	NO
SPAC22F3.02	SPAC664.01c	0.3316811	Novel	NO	NO	NO	YES
SPAC6F6.15	SPAPB1A10.10c	0.3316523	Novel	NO	YES	YES	NO
SPCC1259.13	SPBC32H8.10	0.3315631	Novel	NO	YES	YES	NO
SPBC776.02c	SPAC9E9.07c	0.3314917	Novel	NO	NO	NO	NO
SPBC24C6.07	SPAC23C11.11	0.3314588	Novel	NO	NO	NO	NO
SPAC1D4.06c	SPBC8D2.01	0.3314436	Novel	NO	YES	YES	NO
SPCC1739.12	SPBC106.10	0.3314231	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPCC16A11.05c	0.3314217	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPAC15A10.08	0.3313009	Novel	YES	YES	YES	YES
SPBP16F5.04	SPAC20H4.11c	0.3312662	Novel	NO	NO	NO	NO
SPBC1685.01	SPBC19F8.07	0.3312644	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC694.05c	0.331258	Novel	NO	NO	NO	NO
SPBC543.07	SPAC1D4.13	0.3312323	Novel	NO	YES	YES	NO
SPAC1B9.02c	SPAC2C4.14c	0.3312143	Novel	NO	YES	YES	NO
SPBC24C6.07	SPCC320.13c	0.3312056	Novel	NO	YES	NO	YES
SPBC16H5.07c	SPCC320.13c	0.3311429	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC428.20c	0.3311271	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC458.02c	0.3310774	Novel	NO	NO	NO	NO
SPAC23H4.17c	SPAC2C4.14c	0.3310273	Novel	NO	YES	YES	NO
SPBC16E9.11c	SPBC16A3.05c	0.330992	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC12D12.04c	0.3309327	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPAC23H4.17c	0.3308342	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC146.05c	0.3307998	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1348.05	0.3306899	Novel	YES	NO	NO	NO
SPAC16A10.04	SPBC1D7.05	0.3306726	Novel	NO	NO	NO	NO
SPAC57A10.02	SPBC31F10.13c	0.3306139	Novel	NO	YES	YES	YES
SPBC215.13	SPAC14C4.09	0.3305813	Novel	YES	NO	NO	NO
SPCC4F11.02	SPAC1687.15	0.3305276	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPAC9G1.09	0.3305089	Novel	NO	NO	NO	YES
SPBC3F6.01c	SPCC188.02	0.3305047	Novel	NO	NO	NO	NO
SPBC1703.10	SPAPB1A10.10c	0.3304578	Novel	NO	YES	YES	NO
SPCC1739.12	SPAC23H4.17c	0.3304563	Novel	NO	NO	NO	NO
SPAC24H6.05	SPAC1250.03	0.3304491	Novel	NO	NO	NO	NO

SPAC9E9.07c	SPCC1739.11c	0.3303663	Novel	NO	NO	NO	NO
SPAC16.01	SPBPJ4664.02	0.3303524	Novel	NO	NO	NO	NO
SPBC1709.08	SPBC18H10.06c	0.3303186	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC365.15	0.3303172	Novel	NO	NO	NO	YES
SPBC15D4.03	SPAC23H4.02	0.3303154	Novel	NO	NO	NO	NO
SPBC409.09c	SPBC19F8.07	0.3303083	Novel	NO	NO	NO	NO
SPCC4G3.08	SPBC17F3.02	0.3302609	Novel	NO	YES	YES	NO
SPBC25D12.03c	SPAC694.06c	0.3302564	Novel	NO	YES	NO	YES
SPAC17H9.19c	SPBC337.05c	0.3302151	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC26F1.10c	0.3301935	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC18H10.15	0.3301751	Novel	NO	YES	YES	NO
SPBC582.03	SPBC211.04c	0.3301517	Novel	NO	NO	NO	YES
SPCC16C4.01	SPAC23H3.04	0.3301016	Novel	YES	NO	NO	NO
SPAC6F12.15c	SPCC320.13c	0.3299737	Novel	NO	YES	NO	NO
SPAC57A7.08	SPBC21.06c	0.3299705	Novel	NO	NO	NO	NO
SPAC16.01	SPAC9E9.07c	0.3299655	Novel	NO	YES	YES	NO
SPBC405.04c	SPAC6F6.15	0.3299451	Novel	NO	YES	YES	NO
SPCC970.04c	SPAC6F12.12	0.329905	Novel	YES	NO	NO	YES
SPAC19A8.13	SPBC20F10.09	0.3299011	Novel	NO	NO	YES	NO
SPAC56F8.16	SPCC4G3.08	0.3298823	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC8E11.02c	0.3298748	Novel	NO	YES	YES	YES
SPBC1A4.08c	SPAC23H3.04	0.3298185	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPAC2C4.15c	0.3298002	Novel	NO	NO	YES	NO
SPAC19D5.01	SPAC2F3.15	0.3297894	Novel	NO	NO	NO	NO
SPAC823.08c	SPAC23H3.04	0.3297102	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC29A4.02c	0.3296506	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPBC14C8.01c	0.3296095	Novel	NO	NO	NO	NO
SPAC3A11.12c	SPAC343.09	0.3295631	Novel	NO	NO	NO	NO
SPBC21C3.20c	SPCC4G3.08	0.3294795	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC21.06c	0.3294268	Novel	NO	YES	YES	YES
SPAC4A8.05c	SPCC613.04c	0.3293829	Novel	YES	YES	YES	YES
SPAC3A11.14c	SPBC800.05c	0.3293201	Novel	NO	NO	YES	YES
SPAC31G5.09c	SPAC9E9.13	0.3292904	Novel	NO	NO	NO	NO
SPBC543.07	SPCC18B5.11c	0.3292794	Novel	NO	YES	YES	NO
SPAC6F12.15c	SPCC777.10c	0.3292692	Novel	NO	NO	NO	NO
SPBC216.06c	SPBC1778.04	0.3292109	Novel	NO	NO	NO	NO
SPBC15D4.14	SPCC777.10c	0.329185	Novel	NO	NO	NO	NO
SPAC6B12.15	SPBC106.10	0.3290817	Novel	YES	YES	NO	NO
SPAC24B11.06c	SPCC4G3.08	0.3290677	Novel	NO	YES	YES	NO
SPAC1B9.02c	SPBC11B10.09	0.3290278	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPAC17G8.14c	0.3289931	Novel	NO	YES	YES	NO
SPBC19C7.03	SPAC4G8.05	0.328907	Novel	NO	YES	NO	NO
SPCC4G3.05c	SPAC22F3.03c	0.3288916	Novel	NO	YES	YES	YES
SPBC776.18c	SPBC25B2.01	0.328839	Novel	NO	NO	NO	NO
SPAC24H6.05	SPBC32H8.10	0.3288137	Novel	NO	YES	NO	NO
SPCC1682.02c	SPAC23C4.18c	0.3287407	Novel	NO	NO	YES	YES
SPAC57A7.08	SPAC23H4.17c	0.3287199	Novel	NO	NO	NO	NO

SPACUNK12.02c	SPAC2F3.15	0.3287115	Novel	NO	YES	NO	NO
SPAC57A10.02	SPAC644.06c	0.3286484	Novel	NO	YES	YES	YES
SPAC23H3.04	SPBPB2B2.16c	0.3286016	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC750.02c	0.3286016	Novel	YES	NO	NO	NO
SPCC1682.16	SPBC887.04c	0.3284678	Novel	NO	NO	YES	NO
SPBC215.13	SPAC1F7.04	0.3284524	Novel	NO	NO	NO	NO
SPBC3D6.09	SPCC1682.02c	0.3284427	Novel	NO	YES	YES	YES
SPCC162.10	SPAC1F3.02c	0.3284278	Novel	NO	YES	YES	NO
SPAC21E11.03c	SPBC2F12.09c	0.3283991	Novel	NO	YES	YES	YES
SPCC576.15c	SPAC24B11.06c	0.328378	Novel	YES	YES	YES	NO
SPBC1539.08	SPAC23H3.04	0.3283582	Novel	NO	NO	NO	NO
SPBC16C6.07c	SPAC23C4.08	0.3282906	Novel	NO	NO	NO	NO
SPAC16A10.04	SPBC16C6.07c	0.3282661	Novel	NO	NO	NO	NO
SPBC1709.01	SPBC146.13c	0.3282612	Novel	NO	YES	YES	YES
SPAP27G11.10c	SPCC320.13c	0.3282536	Novel	NO	NO	NO	NO
SPAC23C4.18c	SPAC1B2.05	0.3282365	Novel	NO	YES	YES	YES
SPBC1198.12	SPBC725.16	0.3280926	Novel	NO	NO	NO	NO
SPAC22E12.06c	SPAC5H10.11	0.3280635	Novel	YES	YES	YES	NO
SPBC119.08	SPAC1782.09c	0.328032	Novel	YES	YES	NO	NO
SPAC17H9.20	SPBC1778.04	0.3280179	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBC106.10	0.3279856	Novel	NO	YES	YES	NO
SPBC16E9.17c	SPBC19F5.01c	0.3279757	Novel	NO	YES	YES	YES
SPACUNK12.02c	SPAC9E9.08	0.3279438	Novel	NO	NO	NO	NO
SPBC19C7.03	SPBC8D2.01	0.3278459	Novel	NO	YES	NO	NO
SPBC32F12.04	SPBC4.04c	0.327814	Novel	NO	NO	NO	YES
SPBC1778.04	SPBC30D10.04	0.327771	Novel	NO	NO	NO	NO
SPBC3D6.09	SPAC1B2.05	0.3277517	Novel	NO	YES	YES	YES
SPCC126.02c	SPACUNK12.02c	0.3276931	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC16H5.08c	0.3276605	Novel	NO	NO	NO	NO
SPBC32F12.04	SPBC3D6.04c	0.3276417	Novel	NO	NO	NO	YES
SPBC18H10.06c	SPBC776.02c	0.3276147	Novel	NO	NO	NO	NO
SPBC1A4.02c	SPAC1687.15	0.3275151	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC1565.06c	0.3275114	Novel	NO	YES	NO	NO
SPAC31G5.09c	SPBC1734.14c	0.3274968	Novel	NO	NO	NO	NO
SPBC1711.14	SPAC23H3.04	0.3274868	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPBC211.04c	0.327454	Novel	NO	NO	NO	YES
SPCC16C4.11	SPCC4G3.08	0.3273248	Novel	NO	YES	YES	NO
SPAC3G9.04	SPBC18H10.06c	0.3273054	Novel	NO	NO	NO	NO
SPAC21E11.03c	SPCC18.05c	0.3272584	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPAC23A1.06c	0.3272381	Novel	NO	YES	YES	NO
SPBC1709.15c	SPBC18H10.06c	0.3271893	Novel	NO	NO	NO	NO
SPAC27E2.05	SPAC1B2.05	0.3271689	Novel	NO	YES	NO	YES
SPAC821.12	SPAC19B12.03	0.3271586	Novel	NO	NO	YES	NO
SPBC32H8.10	SPAC2C4.14c	0.327126	Novel	NO	YES	YES	NO
SPCC4G3.05c	SPACUNK12.02c	0.3270562	Novel	NO	NO	NO	NO
SPAC16A10.04	SPCC4G3.08	0.3269862	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC23H3.08c	0.3269819	Novel	NO	NO	NO	YES

SPAC1B9.02c	SPBC1604.14c	0.326958	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPAC2C4.14c	0.3269048	Novel	NO	YES	YES	NO
SPAC22G7.10	SPBC18H10.06c	0.3268914	Novel	NO	NO	NO	NO
SPBC19C7.03	SPBC543.07	0.3268533	Novel	NO	YES	NO	NO
SPBC19C7.03	SPAC2C4.14c	0.3268127	Novel	NO	YES	NO	NO
SPBC649.04	SPAC23H3.04	0.3267779	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPBPI4664.02	0.3267106	Novel	NO	NO	NO	NO
SPBC354.03	SPAC13F5.02c	0.3265587	Novel	NO	NO	NO	NO
SPAC23C11.16	SPBC1604.14c	0.3265503	Novel	NO	YES	YES	YES
SPBC649.05	SPAC2C4.14c	0.3264644	Novel	YES	NO	NO	NO
SPCC1259.13	SPAC23H4.02	0.3263943	Novel	YES	YES	YES	NO
SPBC32F12.04	SPAC30C2.02	0.3263807	Novel	NO	NO	NO	YES
SPBC3F6.01c	SPBC11B10.09	0.3262527	Novel	NO	NO	NO	NO
SPBC582.03	SPBC25D12.03c	0.3262272	Novel	NO	NO	NO	YES
SPCC16C4.11	SPBC4.04c	0.3262254	Novel	NO	YES	NO	NO
SPAC2G11.12	SPAC22F3.03c	0.3262138	Novel	NO	YES	YES	YES
SPAC328.03	SPCC4G3.08	0.3260954	Novel	NO	NO	NO	NO
SPBC16G5.12c	SPAC22F3.03c	0.3259795	Novel	NO	YES	NO	YES
SPAPB2B4.03	SPBC25D12.03c	0.3259522	Novel	NO	NO	NO	YES
SPBC211.04c	SPAC8F11.07c	0.3259519	Novel	NO	NO	NO	YES
SPBC1D7.05	SPCC320.13c	0.3259394	Novel	NO	YES	NO	NO
SPBC17F3.02	SPBC19F8.07	0.3258644	Novel	YES	YES	YES	YES
SPBC1711.17	SPAC23H3.04	0.325862	Novel	NO	NO	NO	NO
SPCC1682.16	SPAC2C4.15c	0.325821	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC29A3.09c	0.3258061	Novel	NO	NO	NO	NO
SPBC1105.04c	SPBC15D4.03	0.3257889	Novel	YES	YES	YES	YES
SPAC23H3.04	SPAC24C9.04	0.3257829	Novel	NO	NO	YES	NO
SPBC16A3.15c	SPBC211.06	0.3256799	Novel	NO	NO	NO	YES
SPAC31G5.09c	SPAC29B12.03	0.3256441	Novel	NO	NO	NO	NO
SPAP27G11.10c	SPCC4G3.08	0.32563	Novel	NO	NO	NO	NO
SPCC16A11.12c	SPBC409.05	0.3256067	Novel	NO	NO	NO	NO
SPCC18.05c	SPBC29B5.01	0.3255968	Novel	NO	NO	NO	NO
SPAC644.06c	SPAC2C4.14c	0.3255759	Novel	YES	YES	YES	NO
SPBC713.05	SPBC409.05	0.3255649	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPBC17F3.02	0.3255478	Novel	NO	YES	YES	NO
SPAC343.09	SPCC1682.16	0.3255082	Novel	NO	NO	YES	NO
SPBC106.10	SPAC23C4.08	0.3254924	Novel	NO	YES	NO	NO
SPBC649.05	SPBC32C12.03c	0.3254038	Novel	NO	NO	NO	NO
SPBC8D2.10c	SPBC25B2.01	0.3253434	Novel	YES	NO	NO	NO
SPBC16A3.15c	SPCC4G3.19	0.3253254	Novel	NO	NO	YES	YES
SPCC16C4.11	SPBC216.05	0.325322	Novel	NO	YES	NO	NO
SPBC16A3.15c	SPBC2F12.13	0.325266	Novel	NO	YES	YES	YES
SPBC19C7.03	SPBC18H10.15	0.3252369	Novel	NO	YES	NO	NO
SPAC20G8.05c	SPCC320.13c	0.3252209	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC25D12.03c	0.3252161	Novel	NO	YES	NO	NO
SPAC644.06c	SPAC1687.15	0.3251212	Novel	NO	YES	YES	NO
SPAC16A10.04	SPBC646.06c	0.3251155	Novel	NO	NO	NO	NO

SPBC16E9.10c	SPAC3G6.02	0.3250759	Novel	NO	NO	NO	NO
SPBC1D7.05	SPBP4H10.04	0.3250087	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC14C4.03	0.3249324	Novel	NO	YES	YES	YES
SPBC1685.15c	SPBC800.05c	0.3247971	Novel	NO	YES	YES	YES
SPACUNK12.02c	SPAC694.06c	0.3247785	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPBC12D12.04c	0.3247043	Novel	YES	YES	YES	NO
SPAC630.14c	SPCC18.05c	0.3247012	Novel	YES	NO	NO	NO
SPBC13E7.09	SPAC23C4.08	0.32462	Novel	NO	YES	NO	NO
SPCC1753.02c	SPAC821.12	0.3245737	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC4F6.14	0.3245665	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC1604.14c	0.3245312	Novel	NO	YES	YES	YES
SPAC23H3.04	SPCC24B10.11c	0.3244923	Novel	NO	NO	NO	NO
SPAC6F12.15c	SPCC4G3.08	0.3244619	Novel	NO	NO	NO	NO
SPAC23A1.06c	SPCC320.13c	0.32446	Novel	NO	YES	NO	NO
SPBC428.12c	SPAC23H3.04	0.3244499	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPACUNK12.02c	0.3244371	Novel	NO	YES	YES	NO
SPBC11B10.09	SPBC1861.09	0.3244363	Novel	NO	YES	YES	NO
SPAC24H6.03	SPCC16A11.12c	0.3244361	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC1289.11	0.3244288	Novel	NO	NO	NO	NO
SPBC16A3.15c	SPBC20F10.06	0.3243917	Novel	NO	NO	NO	YES
SPCC1259.13	SPBC32C12.03c	0.3243405	Novel	NO	YES	YES	NO
SPBC8D2.01	SPCC4F11.02	0.3242993	Novel	NO	NO	NO	NO
SPBC365.07c	SPAC23H3.04	0.324299	Novel	YES	NO	NO	NO
SPAC21E11.03c	SPBC11B10.09	0.3242853	Novel	NO	NO	NO	NO
SPBC800.05c	SPBC428.20c	0.3242829	Novel	NO	NO	YES	YES
SPAC16A10.07c	SPACUNK12.02c	0.3242541	Novel	NO	NO	NO	NO
SPCC1682.02c	SPAC14C4.13	0.3242483	Novel	NO	YES	NO	YES
SPAC22H10.04	SPCC24B10.07	0.3242424	Novel	NO	NO	NO	NO
SPAC1F7.04	SPAC23D3.10c	0.32421	Novel	NO	NO	NO	NO
SPBPB2B2.16c	SPAC22H12.02	0.3241793	Novel	NO	NO	NO	NO
SPAC750.02c	SPAC22H12.02	0.3241793	Novel	NO	NO	NO	NO
SPBC19C2.05	SPAC1B3.11c	0.3241376	Novel	NO	NO	NO	NO
SPAC57A10.02	SPBC119.08	0.3240872	Novel	NO	YES	YES	NO
SPAPB15E9.01c	SPAC821.12	0.3240642	Novel	NO	NO	NO	NO
SPBC776.02c	SPCC320.13c	0.3239603	Novel	NO	NO	NO	NO
SPBC409.04c	SPBC19F8.07	0.3239583	Novel	YES	NO	NO	NO
SPAC11E3.09	SPBC119.08	0.3239437	Novel	YES	NO	NO	NO
SPBC6B1.07	SPBC17D1.06	0.3239357	Novel	NO	NO	NO	NO
SPBC405.04c	SPBC1703.10	0.3238663	Novel	NO	YES	YES	NO
SPBC336.04	SPACUNK12.02c	0.3238407	Novel	NO	NO	NO	NO
SPAC4F10.13c	SPBC16E9.11c	0.3238214	Novel	NO	NO	NO	NO
SPBC354.03	SPAC29E6.08	0.3238123	Novel	NO	NO	NO	NO
SPAC110.03	SPBC19C2.05	0.323802	Novel	NO	YES	NO	NO
SPAC1F7.04	SPBPJ4664.02	0.3237594	Novel	NO	NO	NO	NO
SPCC16A11.17	SPAC1006.07	0.3237416	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC7D4.15c	0.323706	Novel	NO	NO	NO	NO
SPAC29A4.16	SPAC23H4.17c	0.3236235	Novel	NO	YES	YES	NO

SPACUNK12.02c	SPBC106.10	0.3236193	Novel	NO	YES	YES	NO
SPAC24H6.05	SPCC4G3.08	0.3235623	Novel	NO	NO	NO	NO
SPBC4B4.07c	SPAC644.12	0.3235242	Novel	NO	NO	YES	NO
SPBC365.15	SPBC800.05c	0.3234929	Novel	NO	NO	YES	YES
SPBC1921.03c	SPCC1620.11	0.3234694	Novel	YES	NO	YES	NO
SPAC23H3.04	SPCC285.12	0.3234678	Novel	NO	NO	NO	NO
SPBC16E9.11c	SPBC26H8.01	0.3234432	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC16A10.04	0.3234259	Novel	NO	NO	NO	NO
SPAC1687.13c	SPCC16A11.12c	0.3233907	Novel	NO	NO	NO	NO
SPBC32F12.09	SPAC227.12	0.323334	Novel	NO	NO	NO	NO
SPAC22F3.03c	SPAC14C4.13	0.3233141	Novel	NO	YES	NO	YES
SPCC1259.15c	SPAC16.01	0.3232924	Novel	NO	NO	NO	NO
SPAC823.15	SPAC23H4.17c	0.3232888	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC10F6.08c	0.3232688	Novel	NO	NO	NO	NO
SPBC29A10.15	SPAC1B2.05	0.3231886	Novel	YES	YES	YES	YES
SPBC215.13	SPAC20H4.11c	0.3231776	Novel	NO	NO	NO	NO
SPBC17D1.06	SPBC14C8.07c	0.3231513	Novel	NO	YES	NO	NO
SPBC18H10.15	SPCC320.13c	0.3231326	Novel	NO	YES	NO	NO
SPCC1259.13	SPAC821.12	0.323126	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC23C4.18c	0.3231009	Novel	NO	YES	YES	NO
SPCC18B5.03	SPCC1322.08	0.3230537	Novel	NO	YES	NO	YES
SPCC16A11.12c	SPBC215.03c	0.32305	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC688.02c	0.3229689	Novel	NO	YES	NO	NO
SPAC8F11.07c	SPBC25B2.01	0.3229635	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC2F3.15	0.3229396	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPCC320.13c	0.3228035	Novel	NO	NO	NO	NO
SPCC364.02c	SPAC1B2.05	0.3227952	Novel	NO	NO	NO	YES
SPCC16C4.09	SPBC106.10	0.3227884	Novel	YES	NO	NO	NO
SPCC4E9.02	SPCC1840.02c	0.3227875	Novel	NO	NO	NO	NO
SPBC543.07	SPBC1604.14c	0.3227518	Novel	NO	YES	YES	NO
SPBC2D10.14c	SPAP8A3.08	0.3227092	Novel	YES	NO	YES	NO
SPBC11B10.09	SPCC1183.02	0.3226672	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBP35G2.03c	0.3226008	Novel	NO	NO	NO	NO
SPBC32C12.02	SPBC8D2.01	0.3225031	Novel	NO	NO	NO	NO
SPBC215.13	SPAC16.01	0.3224159	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.15	0.3223881	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC17A5.11	0.3223868	Novel	NO	YES	NO	NO
SPAC57A7.08	SPCC18B5.03	0.3223715	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1639.02c	0.3223153	Novel	YES	NO	NO	NO
SPBC1703.10	SPAC17G6.04c	0.3223141	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC1F5.10	0.3222925	Novel	NO	NO	NO	NO
SPBC19C7.03	SPBC24C6.06	0.3222913	Novel	NO	NO	NO	YES
SPCC24B10.07	SPAC2F3.15	0.3222902	Novel	NO	YES	NO	NO
SPCC162.10	SPAC17G8.14c	0.3222629	Novel	NO	YES	YES	NO
SPAC1D4.04	SPAC23H3.04	0.3222588	Novel	NO	NO	NO	NO
SPAC2F7.03c	SPAC644.06c	0.3221545	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC23C11.08	0.3221419	Novel	NO	NO	NO	NO

SPAC24B11.06c	SPBC21.06c	0.3221418	Novel	NO	YES	YES	NO
SPBC1A4.02c	SPBC8D2.01	0.3221293	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC23C11.11	0.3221206	Novel	NO	YES	YES	NO
SPAC22H12.02	SPBC1348.05	0.3221107	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC216.06c	0.3220612	Novel	NO	YES	NO	NO
SPBC19C2.05	SPAC20H4.11c	0.3218998	Novel	NO	NO	NO	NO
SPBC8D2.01	SPAC29A4.16	0.3218568	Novel	NO	YES	YES	NO
SPBC1105.04c	SPCC1682.02c	0.3218457	Novel	NO	NO	YES	YES
SPBC23E6.09	SPCC18.05c	0.3218057	Novel	YES	NO	NO	NO
SPBC19C2.05	SPBC1604.14c	0.3217958	Novel	NO	YES	YES	NO
SPBC1D7.05	SPAC23C11.16	0.3217597	Novel	YES	YES	YES	NO
SPBC3F6.01c	SPBP35G2.03c	0.3215933	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC29A4.09	0.3215445	Novel	NO	NO	NO	NO
SPBC16A3.05c	SPAC11G7.02	0.3215421	Novel	NO	NO	NO	NO
SPAC3C7.03c	SPAC22F3.03c	0.3214471	Novel	NO	YES	YES	YES
SPCC1259.15c	SPBC354.03	0.3213649	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC29A4.16	0.3212626	Novel	NO	YES	YES	NO
SPAC1B9.02c	SPACUNK12.02c	0.3212142	Novel	NO	YES	YES	NO
SPBC543.07	SPCC5E4.04	0.3211478	Novel	YES	NO	NO	NO
SPAC1B9.02c	SPCC18B5.11c	0.3211045	Novel	NO	YES	YES	NO
SPAPB15E9.01c	SPAC16.01	0.321083	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAPB1E7.02c	0.3210713	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC16D10.09	0.3209202	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC14C8.01c	0.320864	Novel	NO	NO	NO	NO
SPBC11B10.09	SPCC1919.01	0.3207882	Novel	NO	YES	YES	NO
SPBC18H10.15	SPCC5E4.04	0.320765	Novel	NO	NO	NO	NO
SPBC713.05	SPAC23H3.04	0.3207452	Novel	NO	NO	NO	NO
SPCC5E4.04	SPAC2C4.14c	0.3206984	Novel	NO	NO	NO	NO
SPBC800.05c	SPAC1B2.05	0.320698	Novel	NO	NO	NO	YES
SPAC144.01	SPAC23H3.04	0.3206869	Novel	NO	NO	YES	NO
SPAC1F7.04	SPBC1861.09	0.3206583	Novel	NO	NO	NO	NO
SPAC821.12	SPCC1739.12	0.3206061	Novel	NO	YES	YES	NO
SPBC215.15	SPAC23H3.04	0.3205627	Novel	YES	NO	NO	NO
SPAC1D4.06c	SPAC9G1.09	0.3205267	Novel	NO	YES	YES	NO
SPBC1718.07c	SPCC320.13c	0.3204923	Novel	NO	YES	YES	NO
SPBC17D1.06	SPCC16A11.17	0.3204694	Novel	NO	YES	NO	NO
SPBC4.04c	SPBC17D1.06	0.3204132	Novel	NO	YES	NO	NO
SPAC16.01	SPBC18H10.15	0.3203545	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC1B2.05	0.3203516	Novel	NO	YES	NO	NO
SPAC57A7.08	SPAC6F12.12	0.3203357	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC13G7.08c	0.3203317	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCP31B10.07	0.3202735	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC513.01c	0.3202735	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC29A4.16	0.3202665	Novel	NO	YES	YES	NO
SPBC32H8.10	SPAC6F6.08c	0.320261	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC20G8.01	0.3202582	Novel	NO	YES	NO	NO
SPAC16.01	SPBC1198.09	0.3202461	Novel	NO	NO	NO	NO

SPAPB2B4.03	SPCC18.05c	0.3202349	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC8D2.19	0.3202182	Novel	NO	YES	YES	NO
SPAC6F6.08c	SPCC18B5.11c	0.3201976	Novel	NO	YES	NO	NO
SPAC18B11.10	SPCC16C4.11	0.3201587	Novel	NO	YES	NO	NO
SPAC1B9.02c	SPAC1F3.02c	0.3201345	Novel	NO	YES	YES	NO
SPBC21.06c	SPACUNK12.02c	0.320133	Novel	NO	YES	YES	NO
SPBC713.06	SPAC23H3.04	0.3201305	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC3D6.08c	0.3200691	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC1782.09c	0.3200418	Novel	NO	NO	NO	NO
SPBC3F6.01c	SPBC26H8.05c	0.320026	Novel	NO	YES	YES	NO
SPAC19G12.14	SPBC106.10	0.319979	Novel	NO	YES	NO	NO
SPAPB15E9.01c	SPAC20H4.11c	0.3199096	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC409.07c	0.3198846	Novel	NO	YES	YES	NO
SPCC1753.02c	SPBC24C6.06	0.3197145	Novel	NO	NO	YES	NO
SPCC576.15c	SPBC119.08	0.3197138	Novel	YES	YES	YES	YES
SPAC644.04	SPCC18.05c	0.3196571	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC17D4.02	0.3196546	Novel	NO	YES	NO	NO
SPAC4D7.03	SPAC29E6.01	0.3196531	Novel	NO	YES	NO	NO
SPAC24C9.07c	SPBC18H10.15	0.3196524	Novel	NO	NO	NO	NO
SPBC3B8.02	SPCC18.05c	0.3196353	Novel	NO	NO	NO	NO
SPAC144.13c	SPCC320.13c	0.3196218	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC2F3.15	0.3195993	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC3D6.12	0.319598	Novel	NO	NO	NO	NO
SPBC428.12c	SPBC6B1.07	0.319576	Novel	NO	NO	NO	NO
SPBC800.05c	SPBC20F10.06	0.3195652	Novel	NO	NO	NO	YES
SPBC11B10.09	SPAC227.12	0.319543	Novel	NO	NO	NO	NO
SPBC24C6.06	SPAC1A6.04c	0.3195052	Novel	NO	NO	NO	NO
SPBC24C6.06	SPAC17C9.10	0.3193626	Novel	NO	NO	NO	NO
SPBC354.03	SPAC22H12.02	0.3193457	Novel	YES	NO	YES	NO
SPAC13G6.12c	SPCC1739.11c	0.3193273	Novel	NO	NO	NO	YES
SPBC24C6.06	SPCC285.09c	0.3193197	Novel	NO	NO	NO	NO
SPAC13G6.12c	SPBC106.20	0.3192354	Novel	NO	NO	NO	YES
SPCC16C4.11	SPCC188.02	0.3192107	Novel	NO	NO	NO	NO
SPAC18G6.15	SPBC32F12.04	0.3190927	Novel	NO	NO	NO	YES
SPAC821.09	SPBC646.06c	0.3190829	Novel	YES	NO	YES	NO
SPAC16A10.04	SPBC106.10	0.3190647	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC57A10.09c	0.319034	Novel	NO	NO	NO	NO
SPBC16H5.07c	SPAC23H4.17c	0.3190121	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC22F3.02	0.3189793	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC22F3.15	0.318915	Novel	NO	NO	YES	NO
SPBC32F12.04	SPAC31G5.11	0.3189023	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC589.03c	0.3188621	Novel	NO	NO	YES	NO
SPAC13G6.12c	SPBC24C6.07	0.3187998	Novel	NO	NO	NO	YES
SPAC9G1.09	SPAC644.06c	0.318719	Novel	NO	YES	YES	NO
SPAC30D11.10	SPAC22F3.03c	0.3186841	Novel	NO	NO	YES	YES
SPCC970.04c	SPBC1861.09	0.3186412	Novel	NO	NO	YES	NO
SPBP4H10.04	SPBC1861.09	0.3186371	Novel	NO	NO	YES	NO

SPAC23H3.04	SPAC4G8.05	0.3186335	Novel	NO	NO	NO	NO
SPBC409.07c	SPCC24B10.07	0.3186255	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPCC24B10.07	0.3186134	Novel	NO	YES	YES	NO
SPAC4H3.05	SPAC22F3.03c	0.3185746	Novel	NO	YES	NO	YES
SPBC211.06	SPBC800.05c	0.318463	Novel	NO	NO	YES	YES
SPAC9G1.09	SPAC17G8.14c	0.3184174	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC823.03	0.3182959	Novel	NO	NO	NO	NO
SPBC2F12.13	SPBC800.05c	0.3182817	Novel	NO	YES	YES	YES
SPAC23C11.16	SPBC11C11.02	0.31828	Novel	YES	YES	YES	YES
SPAC24B11.06c	SPAC23C4.19	0.3181787	Novel	NO	YES	NO	NO
SPAC23H3.04	SPBC17D1.06	0.3181694	Novel	NO	NO	NO	NO
SPBC31F10.13c	SPAC644.06c	0.318157	Novel	NO	NO	NO	YES
SPCC16C4.11	SPAC13G7.08c	0.3181094	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC825.01	0.3181019	Novel	NO	NO	NO	NO
SPBC32H8.10	SPCC18B5.11c	0.3180669	Novel	NO	YES	YES	NO
SPBC32H8.10	SPCC1322.08	0.3180665	Novel	NO	YES	YES	NO
SPBC800.05c	SPCC4G3.19	0.318061	Novel	NO	NO	YES	YES
SPBC215.04	SPBC24C6.06	0.3180315	Novel	YES	YES	NO	NO
SPAC23H3.04	SPAC17A2.08c	0.3179759	Novel	NO	NO	YES	NO
SPBC216.06c	SPAC1B2.05	0.3179492	Novel	NO	YES	NO	YES
SPBC354.03	SPAC2G11.14	0.3178951	Novel	NO	NO	NO	NO
SPAC821.12	SPCC162.10	0.3178126	Novel	NO	YES	YES	NO
SPBC409.07c	SPAC1F5.09c	0.3177624	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC1071.08	0.31773	Novel	NO	NO	NO	NO
SPBC1D7.05	SPAC1F3.02c	0.3177245	Novel	YES	YES	YES	YES
SPAC1F7.04	SPBC13E7.09	0.3176936	Novel	YES	YES	NO	NO
SPAC821.12	SPCC1840.02c	0.3176917	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC18H10.15	0.3176727	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC227.02c	0.3176537	Novel	NO	NO	NO	NO
SPAC1006.07	SPBC14C8.07c	0.3176511	Novel	NO	YES	NO	NO
SPCC31H12.05c	SPAC2F3.15	0.3176424	Novel	YES	NO	NO	NO
SPBC2D10.14c	SPAC23H3.04	0.3174726	Novel	NO	NO	NO	NO
SPBC30D10.10c	SPCC320.13c	0.3174423	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPBC17D11.06	0.3174051	Novel	NO	NO	NO	NO
SPBC1105.09	SPCC338.05c	0.3173987	Novel	NO	YES	YES	NO
SPBC216.07c	SPAC821.12	0.3173751	Novel	NO	YES	YES	NO
SPAC2F3.15	SPBC776.02c	0.3173107	Novel	NO	NO	NO	NO
SPCC5E4.04	SPAC1B2.05	0.3173	Novel	YES	YES	NO	YES
SPCC757.09c	SPBC19F8.07	0.3172907	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC23C11.16	0.3172751	Novel	YES	YES	YES	YES
SPBC32C12.03c	SPAC821.08c	0.3172697	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC12D12.04c	0.317263	Novel	NO	YES	YES	YES
SPBC1685.06	SPAC23H3.04	0.3172569	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC30D10.10c	0.3171761	Novel	NO	YES	NO	NO
SPBC211.04c	SPCC1795.11	0.3171017	Novel	NO	YES	NO	YES
SPCC297.03	SPBC8D2.01	0.3170991	Novel	YES	YES	YES	NO
SPAC22F3.02	SPAC26A3.16	0.3169992	Novel	NO	NO	YES	YES

SPBC21.06c	SPBC119.08	0.3169945	Novel	NO	YES	YES	YES
SPAC6B12.15	SPCC4G3.08	0.3169939	Novel	NO	NO	NO	NO
SPAC6G10.12c	SPBC17F3.02	0.3169854	Novel	YES	NO	YES	NO
SPCC1259.13	SPAC1687.15	0.3168638	Novel	NO	YES	YES	NO
SPBC9B6.05c	SPAC19A8.13	0.3168416	Novel	NO	NO	YES	NO
SPAC1D4.13	SPAC17G8.14c	0.3168408	Novel	NO	YES	YES	NO
SPCC162.10	SPBC11B10.09	0.3168287	Novel	NO	YES	YES	NO
SPBC14F5.08	SPBC19F8.07	0.3167925	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPBC1861.09	0.316737	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC17F3.02	0.3166834	Novel	YES	YES	YES	YES
SPBC32F12.09	SPAC29E6.01	0.3166597	Novel	NO	NO	NO	NO
SPCC417.06c	SPAC823.15	0.3166543	Novel	NO	NO	YES	NO
SPCC31H12.05c	SPCC320.13c	0.3164683	Novel	NO	NO	NO	NO
SPBC1861.09	SPBC17F3.02	0.3164606	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC211.07c	0.3164179	Novel	NO	NO	NO	NO
SPBC582.03	SPBC119.08	0.3163531	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPBC25B2.05	0.3163427	Novel	NO	NO	NO	NO
SPBC11C11.04c	SPBC31F10.06c	0.3163108	Novel	NO	NO	NO	NO
SPAC27F1.02c	SPCC18B5.11c	0.3163106	Novel	NO	NO	NO	NO
SPAC13G6.12c	SPAC6F6.08c	0.3163095	Novel	NO	NO	NO	YES
SPAC19G12.07c	SPAC23H3.04	0.3162852	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC646.10c	0.3162493	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPBC56F2.07c	0.3162468	Novel	NO	NO	NO	NO
SPAC9G1.09	SPBC17F3.02	0.3162319	Novel	YES	YES	YES	NO
SPAC23H3.04	SPBC651.08c	0.3161832	Novel	NO	NO	NO	NO
SPAC27F1.02c	SPBC11B10.09	0.3161415	Novel	NO	NO	NO	YES
SPAC16.01	SPBC1861.09	0.3160068	Novel	NO	NO	NO	NO
SPAC22F3.02	SPCC5E4.04	0.3160019	Novel	NO	NO	NO	YES
SPAC17G8.14c	SPAC23H4.17c	0.3158174	Novel	NO	YES	YES	NO
SPBC21B10.05c	SPAC13F5.02c	0.3157437	Novel	NO	NO	NO	NO
SPBC1718.01	SPAC29E6.01	0.3157166	Novel	NO	YES	NO	NO
SPAC1687.14c	SPBC146.13c	0.3157163	Novel	NO	NO	NO	NO
SPBC16H5.08c	SPAC3G6.02	0.3155901	Novel	YES	NO	NO	NO
SPAC16.01	SPBP16F5.04	0.3154809	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC16C9.07	0.3153328	Novel	NO	NO	NO	NO
SPCC297.03	SPAC23H4.17c	0.3153201	Novel	NO	YES	YES	NO
SPAC17C9.13c	SPCC24B10.07	0.3153161	Novel	NO	NO	NO	NO
SPAC18B11.10	SPCC18.05c	0.3152391	Novel	YES	NO	NO	NO
SPAC23C11.16	SPBC1861.09	0.3152106	Novel	NO	YES	YES	NO
SPAC13G6.12c	SPCC1919.10c	0.3151549	Novel	NO	NO	NO	YES
SPBC1703.10	SPAC16E8.09	0.3151537	Novel	NO	NO	NO	NO
SPBC4F6.18c	SPAC23H3.04	0.3151201	Novel	YES	NO	NO	NO
SPBC56F2.07c	SPAC637.10c	0.3149469	Novel	NO	NO	NO	NO
SPAC1B2.05	SPAC14C4.13	0.3149431	Novel	NO	YES	NO	YES
SPCC24B10.07	SPCC622.09	0.3149363	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC23C4.19	0.3149273	Novel	NO	NO	NO	NO
SPAC1952.07	SPCC320.13c	0.3148203	Novel	NO	YES	NO	NO

SPACUNK12.02c	SPBC30D10.04	0.3147758	Novel	NO	NO	NO	NO
SPBC1105.04c	SPAC1B2.05	0.3147676	Novel	NO	YES	YES	YES
SPBC24C6.06	SPAC2C4.14c	0.3147585	Novel	NO	NO	NO	NO
SPBC543.07	SPACUNK12.02c	0.3146986	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAPB1A10.10c	0.3146888	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC16H5.11c	0.3146674	Novel	NO	YES	NO	NO
SPAC24B11.11c	SPBC1861.09	0.3146527	Novel	NO	YES	YES	NO
SPAC13G6.12c	SPAC20G8.05c	0.314641	Novel	NO	NO	NO	YES
SPBC354.03	SPBC19C2.05	0.3146102	Novel	NO	NO	NO	NO
SPAC6B12.15	SPCC18B5.11c	0.3145855	Novel	NO	YES	NO	YES
SPAC13G6.12c	SPAC24H6.05	0.3145643	Novel	NO	NO	NO	YES
SPBC12D12.04c	SPAC23H4.17c	0.3145382	Novel	NO	YES	YES	NO
SPAC24B11.11c	SPAC9E9.07c	0.3144661	Novel	NO	NO	NO	NO
SPBC543.07	SPBC9B6.10	0.3144542	Novel	YES	NO	NO	NO
SPCC18B5.11c	SPBC32C12.03c	0.314435	Novel	NO	YES	YES	NO
SPCC24B10.07	SPAC6F12.15c	0.3143977	Novel	NO	YES	NO	NO
SPCC16C4.09	SPCC4G3.08	0.3143159	Novel	NO	NO	NO	NO
SPBC582.03	SPAC23D3.09	0.3143048	Novel	NO	NO	NO	NO
SPBC1289.11	SPBC23E6.09	0.3142362	Novel	YES	NO	NO	NO
SPBC21C3.20c	SPCC24B10.07	0.3141394	Novel	NO	NO	NO	NO
SPCC1223.06	SPCC320.13c	0.3141016	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC644.16	0.3140847	Novel	NO	NO	NO	NO
SPAC23A1.06c	SPCC24B10.07	0.3140731	Novel	NO	YES	YES	NO
SPAC1D4.13	SPBC1703.10	0.3140492	Novel	NO	NO	NO	NO
SPBC21.06c	SPBC18H10.15	0.3140044	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC688.02c	0.3139999	Novel	NO	YES	NO	NO
SPAPB1A11.01	SPAC23H3.04	0.3139471	Novel	YES	NO	NO	NO
SPAC22H10.04	SPBC18H10.15	0.3139292	Novel	NO	NO	YES	NO
SPAPB15E9.01c	SPAC1F7.04	0.3139202	Novel	NO	NO	NO	NO
SPBC336.04	SPCC320.13c	0.3138807	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC869.06c	0.3137735	Novel	NO	NO	YES	NO
SPAC1687.15	SPAC11G7.02	0.3137134	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC17F3.02	0.3137047	Novel	NO	YES	YES	NO
SPBC660.14	SPBC1604.14c	0.3136518	Novel	NO	YES	YES	YES
SPBC8D2.01	SPAC644.06c	0.313637	Novel	YES	YES	YES	NO
SPAC56F8.16	SPCC24B10.07	0.3136271	Novel	NO	NO	YES	NO
SPAC19G12.06c	SPACUNK12.02c	0.3136019	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPCC622.08c	0.3135992	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPBC18H10.06c	0.3135802	Novel	NO	NO	NO	NO
SPAC6G9.08	SPAC22F3.02	0.3135691	Novel	NO	NO	NO	YES
SPCC16C4.11	SPAC20G8.05c	0.3135491	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC1751.04	0.3135477	Novel	NO	NO	YES	NO
SPCC1223.06	SPBC13E7.09	0.3134721	Novel	YES	YES	NO	NO
SPCC736.14	SPAC1B2.05	0.3134655	Novel	YES	NO	NO	YES
SPACUNK12.02c	SPAC27E2.05	0.3134626	Novel	NO	NO	NO	NO
SPBC354.03	SPCC16C4.18c	0.3134544	Novel	YES	NO	YES	NO
SPAC4D7.05	SPBC56F2.07c	0.3133055	Novel	NO	NO	NO	NO

SPBC21.06c	SPCC4G3.08	0.3132888	Novel	NO	YES	YES	NO
SPAC823.05c	SPAC23H3.04	0.3132529	Novel	YES	NO	NO	NO
SPCC16C4.11	SPCC74.03c	0.3132488	Novel	NO	YES	YES	NO
SPCC417.06c	SPBC776.02c	0.3132231	Novel	NO	NO	NO	NO
SPBC1685.15c	SPAC664.10	0.31318	Novel	YES	YES	NO	NO
SPAC17C9.13c	SPBP4H10.04	0.3130919	Novel	NO	NO	NO	YES
SPAC1687.14c	SPAC23H3.04	0.3130663	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC644.04	0.3130613	Novel	NO	NO	NO	NO
SPBC1718.07c	SPBC11B10.09	0.3130416	Novel	NO	YES	NO	YES
SPAC31G5.09c	SPAC1687.15	0.3129927	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC25G10.09c	0.3128654	Novel	NO	NO	NO	NO
SPCC188.02	SPCC320.13c	0.3127363	Novel	NO	NO	NO	NO
SPAC13G6.12c	SPBC11C11.02	0.3127167	Novel	NO	NO	NO	YES
SPAC23D3.10c	SPAC23C4.08	0.3127123	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC1861.09	0.3127043	Novel	NO	YES	YES	NO
SPBC1289.11	SPBC29B5.01	0.3126427	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPAC3C7.06c	0.3126114	Novel	NO	YES	YES	NO
SPAC13G6.12c	SPAC4A8.05c	0.3125996	Novel	NO	NO	NO	YES
SPAC9G1.02	SPBC11B10.09	0.3125983	Novel	NO	YES	YES	YES
SPAC23H3.04	SPBC887.06c	0.3125903	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC1F3.02c	0.3125551	Novel	YES	NO	YES	YES
SPCC18B5.11c	SPAC1782.09c	0.3124393	Novel	NO	YES	NO	YES
SPBC1861.09	SPBC1604.14c	0.3124273	Novel	NO	YES	YES	NO
SPAC9G1.09	SPAC1687.15	0.3123738	Novel	NO	YES	YES	YES
SPCC188.09c	SPAC23H3.04	0.3123704	Novel	NO	NO	NO	NO
SPAC57A7.08	SPCC1739.11c	0.3123153	Novel	YES	NO	NO	NO
SPAC13G6.12c	SPCC645.05c	0.312314	Novel	NO	NO	NO	YES
SPBC32F12.09	SPBC211.04c	0.3122913	Novel	NO	NO	NO	YES
SPAC22E12.14c	SPCC5E4.04	0.3122356	Novel	NO	NO	NO	YES
SPBC11B10.09	SPBC1289.11	0.3121988	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC23H4.02	0.3121626	Novel	YES	YES	YES	NO
SPBC2F12.13	SPBC1703.10	0.3121478	Novel	NO	NO	NO	NO
SPBP8B7.16c	SPAC23H3.04	0.3121118	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC216.07c	0.3121105	Novel	NO	YES	YES	NO
SPAC18B11.10	SPAC22F3.02	0.3121097	Novel	NO	NO	YES	YES
SPAC4F10.13c	SPAC11G7.02	0.3120236	Novel	YES	NO	NO	NO
SPAC1783.07c	SPAC1687.15	0.3120004	Novel	NO	NO	NO	NO
SPAC22F3.02	SPAC630.14c	0.3119558	Novel	NO	NO	NO	YES
SPBC660.14	SPCC1183.02	0.3119368	Novel	NO	NO	NO	NO
SPAC1805.17	SPAC1687.15	0.3119175	Novel	NO	NO	NO	NO
SPAC637.07	SPBC1703.10	0.3119149	Novel	NO	NO	NO	NO
SPAC3A11.09	SPBC16E9.11c	0.3118891	Novel	NO	NO	NO	NO
SPBC32H8.10	SPBP16F5.02	0.3118466	Novel	NO	YES	NO	YES
SPCC895.07	SPAC1B2.05	0.311824	Novel	NO	YES	NO	YES
SPBC19C2.05	SPAC644.06c	0.3118158	Novel	YES	YES	YES	YES
SPAC16A10.04	SPBC11B10.09	0.3118158	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBP19A11.04c	0.3117167	Novel	NO	YES	NO	NO

SPBC56F2.07c	SPBP19A11.03c	0.3117103	Novel	NO	NO	NO	NO
SPAC110.03	SPBC1861.09	0.3116827	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC4F6.06	0.311659	Novel	YES	YES	YES	NO
SPBC3F6.01c	SPBC26H8.10	0.3116474	Novel	NO	NO	NO	NO
SPBC660.14	SPAC24H6.05	0.3116377	Novel	NO	NO	YES	YES
SPBC119.08	SPAC1687.15	0.3116302	Novel	NO	YES	YES	NO
SPAC1D4.13	SPAC23C11.16	0.3116203	Novel	NO	YES	YES	NO
SPAC13G6.12c	SPAC926.03	0.311609	Novel	NO	NO	NO	YES
SPAC23C11.16	SPAC17G8.14c	0.3115931	Novel	NO	YES	YES	NO
SPAC22F3.02	SPBC2D10.12	0.3115367	Novel	NO	NO	NO	YES
SPBC26H8.01	SPAC11G7.02	0.3115103	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC20F10.06	0.3114797	Novel	NO	YES	NO	NO
SPCC1620.01c	SPAC644.12	0.3114771	Novel	YES	NO	YES	NO
SPCC16C4.09	SPCC18B5.11c	0.3113571	Novel	YES	NO	NO	YES
SPCC162.10	SPAC6F6.08c	0.3113412	Novel	NO	NO	NO	NO
SPAC22F3.02	SPBC409.06	0.3112193	Novel	NO	NO	NO	YES
SPBC582.03	SPCC74.03c	0.3111664	Novel	NO	NO	NO	NO
SPAC13G6.12c	SPAP8A3.08	0.3110753	Novel	NO	NO	NO	YES
SPCC330.10	SPAC2F3.15	0.3110086	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC1919.01	0.3109905	Novel	NO	YES	YES	NO
SPBC17F3.02	SPAC2C4.14c	0.310963	Novel	NO	YES	YES	NO
SPAC57A7.08	SPMIT.09	0.310901	Novel	NO	NO	NO	NO
SPAC1F7.04	SPACUNK12.02c	0.3108875	Novel	NO	NO	NO	NO
SPAC1D4.13	SPCC1739.11c	0.3108706	Novel	NO	YES	NO	YES
SPAC22F3.02	SPBC36.05c	0.3108672	Novel	NO	NO	NO	YES
SPBC11B10.09	SPAC1952.07	0.3108671	Novel	NO	YES	YES	YES
SPAC22F3.02	SPAC25G10.03	0.3107971	Novel	NO	YES	YES	YES
SPBC543.07	SPBC215.02	0.3107881	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1D7.01	0.3107687	Novel	NO	NO	NO	NO
SPCC188.13c	SPAC22F3.02	0.3107516	Novel	NO	NO	NO	YES
SPAC22F3.02	SPCC736.11	0.310733	Novel	NO	NO	NO	YES
SPAC23H3.04	SPCC2H8.05c	0.310689	Novel	NO	NO	YES	NO
SPBC36.05c	SPBC32H8.12c	0.3106771	Novel	NO	NO	YES	NO
SPAC23D3.09	SPAC4A8.15c	0.3106696	Novel	NO	NO	NO	NO
SPAC1783.07c	SPAC22F3.02	0.3106646	Novel	NO	YES	YES	YES
SPAC22F3.02	SPBC16A3.18	0.3106492	Novel	NO	NO	NO	YES
SPBC9B6.10	SPAC2F3.15	0.3106268	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC14F5.08	0.3106188	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC29E6.01	0.3106156	Novel	NO	YES	NO	NO
SPAC24H6.09	SPCC24B10.07	0.3106143	Novel	NO	YES	YES	NO
SPAC12G12.03	SPAC22F3.02	0.3106114	Novel	NO	NO	NO	YES
SPAC24B11.06c	SPAC644.04	0.3105954	Novel	NO	YES	NO	NO
SPAC664.07c	SPAC2C4.14c	0.3105634	Novel	NO	NO	NO	NO
SPAC22F3.02	SPAC1B1.01	0.3105493	Novel	NO	YES	YES	YES
SPCC16C4.11	SPCC417.06c	0.3105349	Novel	NO	YES	YES	NO
SPAC227.12	SPBC409.05	0.3105109	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC576.13	0.3104935	Novel	NO	NO	NO	NO

SPBC4B4.05	SPCC364.02c	0.3104865	Novel	NO	NO	NO	NO
SPBC800.03	SPAC22F3.02	0.3104003	Novel	NO	NO	NO	YES
SPAC17A2.09c	SPAC1687.15	0.3103234	Novel	NO	NO	NO	NO
SPCC1620.14c	SPAC1250.01	0.310322	Novel	YES	YES	NO	NO
SPAC1D4.13	SPBC106.10	0.3103069	Novel	NO	YES	YES	NO
SPBC32H8.10	SPBC1604.14c	0.3102832	Novel	NO	YES	YES	NO
SPBC21B10.05c	SPAC29E6.08	0.3102494	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1734.15	0.310248	Novel	NO	NO	NO	NO
SPAC22F3.02	SPAC637.10c	0.3102444	Novel	NO	NO	NO	YES
SPBC18H10.15	SPBC14F5.08	0.310237	Novel	NO	NO	NO	NO
SPBC106.10	SPAC1F5.08c	0.3102232	Novel	NO	NO	NO	NO
SPAC977.10	SPMIT.09	0.3101912	Novel	YES	NO	NO	NO
SPAC694.06c	SPCC16A11.17	0.3101592	Novel	NO	YES	NO	YES
SPBC16A3.05c	SPBC16H5.08c	0.3101516	Novel	NO	NO	NO	NO
SPCC18B5.03	SPCC1183.02	0.3101335	Novel	NO	NO	NO	NO
SPBC21.06c	SPBC11C11.02	0.3100798	Novel	NO	YES	NO	YES
SPBC4.04c	SPAC1006.07	0.310063	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAPB1A10.06c	0.3100605	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPBP4H10.04	0.3100419	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC17A2.13c	0.3100404	Novel	NO	YES	YES	YES
SPAC17G6.16c	SPAC644.16	0.3099269	Novel	NO	NO	YES	NO
SPBC16A3.15c	SPAC1B2.05	0.3099144	Novel	NO	NO	NO	NO
SPCC16A11.17	SPBC409.05	0.3098276	Novel	NO	NO	NO	YES
SPAC821.12	SPCC622.09	0.3096158	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC17G6.07c	0.3096096	Novel	YES	NO	NO	NO
SPAC29E6.01	SPAC23H4.18c	0.3095949	Novel	NO	YES	YES	NO
SPBC11B10.09	SPBC30D10.10c	0.3095933	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC20H4.11c	0.3094972	Novel	NO	NO	NO	NO
SPBC119.08	SPBC4C3.12	0.3094686	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPAC27F1.02c	0.3094324	Novel	YES	NO	NO	NO
SPAC24B11.11c	SPAC17G8.14c	0.3094255	Novel	NO	YES	YES	YES
SPCC16C4.11	SPAC222.10c	0.3093673	Novel	NO	YES	NO	NO
SPCC16C4.11	SPBC1861.09	0.3093201	Novel	NO	YES	YES	NO
SPBC543.07	SPBC8D2.01	0.3092718	Novel	YES	YES	YES	NO
SPBC1D7.05	SPBC1703.10	0.3092476	Novel	NO	NO	NO	NO
SPAC110.03	SPBC16E9.10c	0.309241	Novel	NO	NO	NO	NO
SPAC23D3.09	SPBC776.18c	0.3092059	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC222.15	0.3091918	Novel	NO	YES	NO	NO
SPBC1711.15c	SPAC8C9.14	0.3091716	Novel	NO	NO	NO	NO
SPAC644.06c	SPBC32C12.03c	0.3090955	Novel	NO	YES	YES	NO
SPAC694.06c	SPBC211.04c	0.3090802	Novel	YES	YES	NO	YES
SPAC1F7.04	SPBC19C2.05	0.3090279	Novel	NO	YES	NO	YES
SPBC409.07c	SPBC1718.07c	0.3090221	Novel	NO	YES	NO	YES
SPCC18B5.03	SPBC1D7.05	0.3090053	Novel	NO	YES	NO	YES
SPBC119.08	SPAC4G8.05	0.3089852	Novel	NO	YES	YES	NO
SPAC19B12.03	SPBC18H10.15	0.3089758	Novel	NO	NO	NO	NO
SPBC1604.14c	SPBC17F3.02	0.3089469	Novel	NO	YES	YES	YES

SPAC27E2.05	SPAC23D3.09	0.3089365	Novel	NO	NO	NO	NO
SPBC25D12.03c	SPAC23C4.18c	0.3089324	Novel	NO	NO	YES	YES
SPBC543.07	SPAC1F5.09c	0.3089198	Novel	NO	YES	YES	YES
SPBC216.07c	SPBC11B10.09	0.3089103	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC27E2.11c	0.3089071	Novel	YES	NO	YES	NO
SPBC18H10.15	SPCC4F11.02	0.3088519	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC22G7.05	0.308798	Novel	NO	NO	NO	NO
SPAC4A8.05c	SPAC23D3.09	0.3087959	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC162.10	0.3087869	Novel	NO	YES	YES	NO
SPAC24H6.05	SPBC2D10.20	0.308711	Novel	NO	NO	NO	NO
SPCC297.03	SPAC23D3.09	0.308668	Novel	NO	NO	NO	NO
SPAC17G6.04c	SPAC4C5.02c	0.3086308	Novel	NO	NO	NO	YES
SPAC22F3.09c	SPAC644.16	0.3084857	Novel	NO	NO	NO	NO
SPBC29A3.07c	SPAC19A8.13	0.308482	Novel	NO	NO	YES	NO
SPAC24B11.06c	SPCC330.10	0.3084275	Novel	NO	NO	NO	NO
SPCC24B10.07	SPAC664.07c	0.3084253	Novel	NO	YES	NO	NO
SPBC776.12c	SPBC19F8.07	0.3084016	Novel	NO	YES	YES	YES
SPAC1952.07	SPCC1183.02	0.3083595	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPAC22H12.02	0.3083524	Novel	NO	YES	NO	NO
SPAPYUG7.02c	SPAC1687.15	0.3082767	Novel	NO	NO	NO	NO
SPCC162.10	SPAC9G1.09	0.3082712	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC405.05	0.3082571	Novel	NO	NO	NO	NO
SPBC428.13c	SPAC2C4.14c	0.3082394	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC30D11.03	0.3082222	Novel	NO	NO	NO	NO
SPAC1687.15	SPBC29B5.01	0.3082128	Novel	NO	NO	NO	NO
SPAC824.04	SPAC644.16	0.3082086	Novel	NO	NO	YES	NO
SPBC21C3.18	SPBC11B10.09	0.3081944	Novel	NO	YES	YES	NO
SPBC11G11.06c	SPAC644.12	0.3081926	Novel	NO	NO	YES	YES
SPBC582.03	SPAC1687.15	0.3081217	Novel	NO	NO	NO	NO
SPAC16.01	SPBC8D2.01	0.3081103	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC1778.10c	0.3080923	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25H1.06	0.3080229	Novel	NO	NO	NO	NO
SPBC25D12.03c	SPAC8F11.07c	0.3080199	Novel	NO	NO	NO	YES
SPBC12D12.04c	SPAC4G8.05	0.3079586	Novel	NO	YES	YES	NO
SPBC1685.15c	SPAC3A11.14c	0.3079324	Novel	NO	YES	YES	YES
SPAC24B11.06c	SPCC1223.11	0.3078909	Novel	NO	NO	YES	YES
SPBC32H8.10	SPAC19E9.02	0.3078863	Novel	NO	YES	YES	NO
SPBC18H10.15	SPBC776.12c	0.3078529	Novel	NO	YES	YES	NO
SPCC162.10	SPCC1739.12	0.3077471	Novel	NO	NO	NO	NO
SPAC821.12	SPAC4G8.05	0.3077433	Novel	NO	YES	YES	NO
SPCC18B5.11c	SPCC4G3.08	0.3077049	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAPB1E7.02c	0.3076955	Novel	NO	YES	YES	NO
SPAC16.01	SPAC23H4.17c	0.3076834	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC557.02c	0.3076736	Novel	NO	NO	YES	NO
SPAC1F7.04	SPBC18H10.15	0.3076402	Novel	NO	NO	NO	NO
SPAC589.02c	SPBC19F8.07	0.3076207	Novel	NO	NO	NO	NO
SPAC1420.02c	SPAC23H3.04	0.307593	Novel	NO	NO	NO	NO

SPCC576.03c	SPAC1687.15	0.3075836	Novel	NO	NO	NO	NO
SPBC543.07	SPCC4F11.02	0.3075723	Novel	NO	NO	NO	NO
SPAC23C11.16	SPAC1687.15	0.3074622	Novel	NO	YES	YES	NO
SPAC823.15	SPAC9E9.07c	0.307449	Novel	NO	NO	NO	NO
SPAC9G1.09	SPAC23C4.08	0.3074389	Novel	NO	YES	NO	YES
SPCC18B5.11c	SPAC29A4.16	0.3074088	Novel	NO	YES	YES	NO
SPBC1921.03c	SPBC16H5.08c	0.3074072	Novel	NO	NO	NO	NO
SPAC22H10.04	SPCC320.13c	0.3073743	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPBC8D2.01	0.3073377	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC7D4.15c	0.3072331	Novel	YES	NO	NO	NO
SPAC9G1.09	SPCC1223.06	0.3071965	Novel	NO	YES	YES	NO
SPBC1711.15c	SPAC806.08c	0.3071786	Novel	NO	NO	NO	NO
SPCC970.04c	SPCC320.13c	0.3071429	Novel	NO	YES	NO	NO
SPBC725.02	SPBC1711.15c	0.3071349	Novel	NO	NO	NO	NO
SPAC8E11.02c	SPCC74.03c	0.3070948	Novel	YES	NO	NO	NO
SPBC713.05	SPAC17G6.12	0.3070683	Novel	NO	NO	NO	NO
SPAC977.10	SPAC1687.15	0.307035	Novel	NO	NO	NO	NO
SPBC3F6.01c	SPAC6F12.12	0.3070296	Novel	NO	NO	NO	NO
SPAC16.01	SPACUNK12.02c	0.3069271	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPBC646.09c	0.3068333	Novel	NO	NO	NO	NO
SPAC4D7.03	SPAC630.14c	0.3067674	Novel	NO	YES	NO	NO
SPCC320.13c	SPAC1006.08	0.3067556	Novel	NO	NO	NO	NO
SPBC8D2.01	SPBC1604.14c	0.3067422	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC31A2.09c	0.3067147	Novel	NO	NO	NO	NO
SPAC1687.15	SPAC1F5.09c	0.3066266	Novel	NO	YES	YES	NO
SPCC5E4.10c	SPAC23H3.04	0.3066254	Novel	NO	NO	YES	NO
SPBC23E6.01c	SPAC31G5.09c	0.3066104	Novel	NO	NO	NO	NO
SPAC11E3.03	SPAC23H3.04	0.3066098	Novel	NO	NO	NO	NO
SPBC2F12.09c	SPAC1687.15	0.3065314	Novel	NO	NO	NO	NO
SPAC57A7.08	SPAC1565.06c	0.3064967	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC244.01c	0.3064793	Novel	NO	YES	NO	YES
SPAC23H3.04	SPBC365.11	0.3064596	Novel	NO	NO	NO	NO
SPAC19D5.01	SPBC8D2.01	0.3064183	Novel	YES	NO	NO	NO
SPAC16A10.04	SPAC27E2.11c	0.306364	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC30B4.01c	0.3063338	Novel	NO	NO	NO	NO
SPAC2F7.03c	SPAC23D3.09	0.306296	Novel	NO	NO	NO	NO
SPAC27E2.11c	SPAC14C4.09	0.3062923	Novel	YES	NO	NO	NO
SPCC16C4.11	SPBC21C3.18	0.3062381	Novel	NO	YES	YES	NO
SPBC1D7.05	SPBC17F3.02	0.3062278	Novel	YES	YES	YES	NO
SPAC23H3.04	SPAC22A12.14c	0.3062068	Novel	NO	NO	YES	NO
SPBC32F12.09	SPCC18.05c	0.3062024	Novel	NO	NO	NO	NO
SPBC13E7.09	SPAC20H4.11c	0.3061726	Novel	YES	NO	NO	NO
SPAC18B11.10	SPBC543.07	0.3061706	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPCC1259.15c	0.3061643	Novel	NO	NO	YES	NO
SPAC823.08c	SPBC11B10.09	0.3061183	Novel	NO	YES	NO	NO
SPAC24H6.05	SPBC215.13	0.3061096	Novel	NO	NO	NO	NO
SPBC582.03	SPBC8D2.01	0.3061048	Novel	NO	NO	NO	NO

SPAC23H3.04	SPCC663.05c	0.3060991	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPAC6F12.15c	0.3060362	Novel	NO	YES	NO	YES
SPBC56F2.07c	SPBC409.06	0.3059913	Novel	NO	NO	NO	NO
SPAC821.12	SPBC16H5.07c	0.3059553	Novel	NO	NO	YES	NO
SPBC409.05	SPCC320.13c	0.3059398	Novel	NO	YES	NO	NO
SPAC6F12.03c	SPAC23H3.04	0.3059178	Novel	NO	NO	NO	NO
SPBC713.05	SPBC11B10.09	0.3058848	Novel	NO	NO	NO	NO
SPAC821.12	SPAC823.15	0.3058697	Novel	NO	NO	YES	NO
SPAC15A10.08	SPAC23D3.09	0.3058378	Novel	NO	NO	NO	NO
SPAC23D3.09	SPAC1F5.04c	0.3058295	Novel	NO	NO	NO	NO
SPBC543.07	SPAC1687.15	0.305825	Novel	NO	YES	YES	NO
SPBC12D12.04c	SPAC9E9.07c	0.3057848	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPCC320.13c	0.3057606	Novel	NO	NO	NO	NO
SPAC110.03	SPACUNK12.02c	0.3057547	Novel	NO	NO	NO	NO
SPBC543.07	SPBC1A4.02c	0.3057198	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPAC2G11.14	0.3057078	Novel	NO	YES	NO	NO
SPCC5E4.04	SPAC23H4.17c	0.3056954	Novel	NO	NO	NO	NO
SPBC29B5.01	SPAC11G7.04	0.3056371	Novel	NO	NO	NO	YES
SPAC1805.12c	SPBC29B5.01	0.3056371	Novel	NO	NO	NO	YES
SPBC24C6.07	SPCC24B10.07	0.3056273	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC17A2.12	0.3056268	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPBC776.12c	0.3056239	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBP16F5.05c	0.3056058	Novel	NO	NO	NO	NO
SPBC543.07	SPAC630.14c	0.3056017	Novel	YES	NO	NO	NO
SPAC1420.03	SPBC56F2.07c	0.3055887	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPAPB8E5.02c	0.3055887	Novel	NO	NO	NO	NO
SPAC17G8.14c	SPBC1861.09	0.3055469	Novel	NO	YES	YES	NO
SPAC23H3.04	SPCC1183.02	0.3054726	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC23A1.06c	0.3054079	Novel	NO	YES	YES	NO
SPAC9G1.09	SPBC8D2.01	0.3053831	Novel	NO	YES	YES	NO
SPBC1685.08	SPAC23H3.04	0.3053473	Novel	NO	NO	NO	NO
SPBC8D2.01	SPAC1F3.02c	0.3053456	Novel	YES	YES	YES	NO
SPBC8D2.01	SPAC26F1.10c	0.3053137	Novel	NO	NO	NO	NO
SPAC1952.07	SPAC14C4.03	0.305311	Novel	NO	NO	NO	NO
SPBC56F2.07c	SPAC6G9.08	0.3052837	Novel	NO	NO	NO	NO
SPBC25D12.03c	SPBC409.05	0.3052499	Novel	NO	NO	NO	YES
SPAC630.14c	SPBC1289.11	0.3052465	Novel	YES	NO	NO	NO
SPACUNK12.02c	SPAC821.04c	0.3052127	Novel	NO	YES	NO	NO
SPBC11B10.09	SPBC216.05	0.3052068	Novel	NO	YES	NO	YES
SPAC27F1.02c	SPAC23D3.09	0.3051643	Novel	NO	NO	NO	NO
SPBC1861.09	SPAC23C4.08	0.3051473	Novel	NO	NO	NO	NO
SPBC19C2.05	SPCC320.13c	0.3051222	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC6F6.08c	0.3050859	Novel	NO	NO	NO	NO
SPBC649.05	SPAC2F3.15	0.3050822	Novel	NO	NO	NO	YES
SPAC23H3.04	SPBC1198.09	0.3050704	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPAC1F3.02c	0.3050233	Novel	NO	YES	YES	YES
SPBC336.12c	SPAC23D3.09	0.304943	Novel	NO	NO	NO	NO

SPAC23H3.04	SPCC1620.01c	0.3049428	Novel	NO	NO	NO	NO
SPBC13E7.09	SPBC1706.01	0.304928	Novel	NO	YES	NO	NO
SPAC589.02c	SPBC18H10.15	0.3048806	Novel	NO	NO	NO	NO
SPAC821.12	SPAC2F3.15	0.3048626	Novel	NO	YES	NO	NO
SPCC24B10.07	SPAC328.03	0.3048509	Novel	NO	YES	NO	NO
SPCC417.06c	SPBC11B10.09	0.3048219	Novel	NO	YES	YES	NO
SPBC543.07	SPBC215.05	0.3048196	Novel	YES	NO	NO	NO
SPBC23G7.12c	SPAC9E9.07c	0.3047882	Novel	NO	NO	NO	NO
SPCC16C4.07	SPBC11B10.09	0.3047732	Novel	NO	NO	NO	YES
SPCC645.05c	SPCC320.13c	0.3047603	Novel	NO	YES	NO	NO
SPCC16C4.11	SPAC1006.08	0.3047428	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC11B10.03	0.3047188	Novel	NO	NO	NO	NO
SPCC576.15c	SPBC543.07	0.30471	Novel	YES	YES	YES	YES
SPCC297.03	SPBC18H10.15	0.3046889	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPBC1861.09	0.3045529	Novel	NO	YES	YES	NO
SPCC576.15c	SPAC31G5.09c	0.3045252	Novel	NO	YES	YES	NO
SPBC1289.11	SPAC644.04	0.3045062	Novel	NO	NO	NO	NO
SPAC1F7.02c	SPAC23H3.04	0.3044936	Novel	NO	NO	NO	NO
SPCC16C4.07	SPCC320.13c	0.3044555	Novel	NO	NO	NO	NO
SPBC405.06	SPAC22H12.02	0.3044313	Novel	NO	NO	NO	NO
SPCC830.06	SPCC1919.10c	0.304286	Novel	NO	NO	NO	NO
SPAC20H4.11c	SPCC895.07	0.304273	Novel	NO	NO	NO	NO
SPBC3B8.02	SPBC1289.11	0.3042654	Novel	NO	NO	NO	NO
SPCC24B10.07	SPAC6G10.12c	0.3042448	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPBC11B10.09	0.3042193	Novel	NO	YES	NO	NO
SPCC24B10.07	SPAP27G11.10c	0.3042059	Novel	NO	NO	NO	NO
SPAC23D3.09	SPBC1778.06c	0.304169	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC11E3.04c	0.304141	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPCC162.10	0.3040859	Novel	NO	YES	YES	NO
SPBC32H8.10	SPBC8D2.01	0.3040413	Novel	NO	YES	YES	NO
SPBC119.08	SPBC17F3.02	0.3040114	Novel	YES	YES	YES	NO
SPBC16A3.15c	SPAC23D3.09	0.3039912	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC1198.12	0.3039123	Novel	NO	YES	NO	NO
SPBC6B1.07	SPAC1006.07	0.3039102	Novel	NO	NO	NO	NO
SPBC1289.11	SPAC8C9.03	0.3039088	Novel	NO	NO	NO	NO
SPAC24H6.05	SPCC777.10c	0.3038852	Novel	NO	NO	NO	NO
SPAC4F10.15c	SPBC6B1.07	0.3038667	Novel	NO	NO	NO	NO
SPBC2D10.11c	SPAC23H3.04	0.3038474	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC19C7.03	0.3038373	Novel	NO	YES	NO	YES
SPBC19C2.05	SPBC1703.10	0.3038297	Novel	NO	NO	NO	NO
SPAC1D4.06c	SPCC18B5.11c	0.3037759	Novel	NO	YES	YES	YES
SPAC4F8.10c	SPAC23D3.09	0.3037752	Novel	NO	NO	NO	NO
SPACUNK4.06c	SPAC23D3.09	0.3037546	Novel	NO	NO	NO	NO
SPBC21B10.05c	SPCC16C4.18c	0.3037226	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPAC20H4.11c	0.303667	Novel	YES	NO	NO	NO
SPCC16C4.11	SPCC162.10	0.3036557	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC17D1.06	0.3036357	Novel	NO	YES	NO	NO

SPBC582.03	SPCC777.10c	0.3036334	Novel	NO	NO	NO	NO
SPAP8A3.08	SPAC23D3.09	0.3036177	Novel	NO	NO	NO	NO
SPAC23C11.16	SPBC17F3.02	0.303496	Novel	YES	YES	YES	YES
SPBC1A4.02c	SPBC18H10.15	0.3034451	Novel	NO	NO	NO	NO
SPAC1805.12c	SPBP19A11.03c	0.3034256	Novel	NO	NO	NO	YES
SPBP19A11.03c	SPAC11G7.04	0.3034256	Novel	NO	NO	NO	YES
SPAC1F7.04	SPBC2D10.20	0.3034167	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPBC244.01c	0.3034021	Novel	NO	YES	NO	NO
SPAC1F7.04	SPBC1105.09	0.3033895	Novel	NO	NO	NO	NO
SPAC56F8.16	SPAC821.12	0.3033277	Novel	NO	NO	NO	NO
SPBC19C2.05	SPBC18H10.15	0.3033248	Novel	NO	YES	YES	NO
SPBC13E7.09	SPAC15A10.16	0.3032968	Novel	NO	YES	NO	NO
SPAC22E12.14c	SPCC1739.12	0.3032366	Novel	NO	NO	NO	NO
SPCC1259.13	SPCC74.03c	0.3032192	Novel	YES	YES	YES	NO
SPBC11B10.09	SPBC530.14c	0.3031518	Novel	NO	YES	YES	NO
SPAC821.12	SPAC6F12.15c	0.3030539	Novel	NO	YES	NO	NO
SPCC16C4.09	SPBC3F6.01c	0.3028666	Novel	YES	NO	NO	NO
SPBC23G7.07c	SPAC23H3.04	0.3028578	Novel	NO	NO	NO	NO
SPBC1718.07c	SPCC24B10.07	0.3028552	Novel	NO	YES	NO	NO
SPAC24H6.09	SPCC4G3.08	0.3027986	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPBC30D10.10c	0.3027922	Novel	YES	YES	YES	YES
SPAC1B9.02c	SPAC16.01	0.3027902	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPAC1F7.04	0.3027823	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC20F10.09	0.3027649	Novel	NO	NO	NO	NO
SPAC630.14c	SPBC18H10.06c	0.3027039	Novel	YES	NO	NO	NO
SPAC23H3.04	SPAC227.05	0.3026981	Novel	NO	NO	NO	NO
SPAC24B11.06c	SPCC74.03c	0.3026767	Novel	YES	YES	YES	NO
SPBC4.07c	SPCC5E4.04	0.3026631	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAPB18E9.02c	0.3026594	Novel	NO	NO	NO	NO
SPBC29A10.15	SPCC320.13c	0.3026327	Novel	NO	YES	NO	NO
SPAC24B11.06c	SPBC21C3.18	0.3026312	Novel	YES	YES	YES	NO
SPCC576.15c	SPCC1259.13	0.3025966	Novel	YES	YES	YES	NO
SPBC11B10.09	SPBC25D12.03c	0.3025563	Novel	NO	YES	NO	YES
SPAC1D4.13	SPCC24B10.07	0.3025262	Novel	NO	YES	YES	NO
SPBC18H10.15	SPCC1840.02c	0.3025074	Novel	NO	NO	NO	NO
SPBC32H8.10	SPCC663.05c	0.3024691	Novel	NO	YES	NO	NO
SPCC320.13c	SPBC15D4.03	0.3024006	Novel	NO	YES	NO	NO
SPBC18H10.15	SPAC20H4.11c	0.3022493	Novel	NO	NO	NO	NO
SPBC24C6.07	SPBC119.08	0.3022355	Novel	NO	YES	NO	YES
SPAC1805.12c	SPAC637.10c	0.3022199	Novel	NO	NO	NO	YES
SPAC637.10c	SPAC11G7.04	0.3022199	Novel	NO	NO	NO	YES
SPCC18B5.03	SPAC23C11.11	0.3020696	Novel	NO	YES	NO	YES
SPAC22E12.14c	SPBC21.06c	0.3019446	Novel	NO	YES	YES	NO
SPAC630.03	SPCC645.05c	0.3018365	Novel	NO	YES	YES	NO
SPAC24H6.05	SPAC1006.07	0.3017642	Novel	NO	NO	NO	NO
SPAC25G10.03	SPAC29E6.01	0.3017622	Novel	NO	YES	NO	NO
SPAC4A8.05c	SPAC57A7.08	0.3016603	Novel	NO	NO	NO	NO

SPCC830.06	SPBC146.13c	0.3016425	Novel	YES	NO	NO	NO
SPCC417.06c	SPCC1739.12	0.3015951	Novel	NO	NO	NO	NO
SPBC8D2.01	SPBC119.08	0.3015642	Novel	YES	YES	YES	NO
SPBC11B10.09	SPAC17A5.11	0.3015404	Novel	NO	YES	NO	YES
SPAC57A10.02	SPAC8E11.02c	0.3015293	Novel	NO	YES	NO	YES
SPCC188.02	SPCC24B10.07	0.3014814	Novel	NO	NO	NO	NO
SPAC821.12	SPBC18H10.15	0.3014307	Novel	NO	YES	YES	NO
SPCC16C4.11	SPAC664.07c	0.3013253	Novel	NO	YES	NO	NO
SPBC21.06c	SPCC162.10	0.301268	Novel	NO	YES	YES	NO
SPAC1834.03c	SPBC32H8.12c	0.3012306	Novel	NO	NO	NO	NO
SPBC1105.12	SPBC32H8.12c	0.3012306	Novel	NO	NO	NO	NO
SPBC8D2.03c	SPBC32H8.12c	0.3012306	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC4.04c	0.3012268	Novel	NO	YES	NO	YES
SPBC1289.11	SPAC6F12.15c	0.3011725	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPBC1778.10c	0.3011625	Novel	NO	YES	YES	NO
SPAC16.01	SPBC13E7.09	0.301124	Novel	YES	YES	NO	NO
SPAC1F7.04	SPAC4G8.05	0.3011159	Novel	NO	NO	NO	NO
SPBC26H8.05c	SPBC18H10.15	0.3010883	Novel	NO	NO	YES	NO
SPBC8D2.01	SPAC11G7.02	0.301057	Novel	YES	NO	NO	NO
SPCC330.01c	SPAC23H3.04	0.3010404	Novel	NO	NO	NO	NO
SPBC119.08	SPCC1739.11c	0.3009858	Novel	YES	YES	YES	YES
SPCC970.04c	SPCC4G3.08	0.3007834	Novel	NO	NO	YES	NO
SPAC823.08c	SPCC16A11.17	0.3007752	Novel	NO	YES	NO	NO
SPAC644.06c	SPAC23H4.02	0.3006908	Novel	YES	YES	YES	NO
SPBC409.09c	SPBC11B10.09	0.3006498	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC1B3.05	0.3006083	Novel	NO	NO	NO	NO
SPBC28F2.03	SPAC644.12	0.3005761	Novel	NO	NO	NO	YES
SPBC8D2.01	SPAC1782.09c	0.3005237	Novel	YES	NO	NO	NO
SPBC6B1.07	SPBC4B4.07c	0.3004559	Novel	NO	NO	YES	NO
SPBC354.03	SPBC11B10.09	0.3004344	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPCC162.10	0.3002829	Novel	NO	YES	YES	NO
SPBP8B7.02	SPAC23H3.04	0.3002714	Novel	NO	NO	YES	NO
SPBC2D10.14c	SPAC926.03	0.3002713	Novel	YES	NO	YES	NO
SPAC17G8.14c	SPAC9E9.07c	0.300207	Novel	NO	NO	NO	NO
SPBC17F3.02	SPAC1F5.09c	0.3002051	Novel	NO	YES	YES	NO
SPAC18B11.10	SPBC11B10.09	0.3001753	Novel	NO	YES	NO	NO
SPCC417.06c	SPBC106.10	0.3001727	Novel	NO	YES	YES	NO
SPBC12D12.04c	SPBC1861.09	0.3001688	Novel	NO	YES	YES	NO
SPAC1D4.13	SPAC23C11.11	0.3001503	Novel	NO	YES	YES	NO
SPAC821.12	SPCC5E4.04	0.3000811	Novel	NO	YES	NO	NO
SPAC110.03	SPAC4G8.05	0.3000602	Novel	NO	NO	NO	NO
SPCC31H12.05c	SPAC9E9.07c	0.3000018	Novel	NO	NO	NO	NO
SPAC1B9.02c	SPBC1861.09	0.2999834	Novel	NO	YES	YES	NO
SPBC146.13c	SPBC11C11.02	0.2999751	Novel	YES	YES	NO	YES
SPCC4G3.08	SPCC1739.11c	0.2999332	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1739.07	0.2999215	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC16H5.03c	0.2999191	Novel	NO	NO	NO	NO

SPCC16C4.11	SPBC409.09c	0.2998921	Novel	NO	YES	NO	NO
SPCC576.15c	SPAC2C4.14c	0.2998827	Novel	NO	YES	YES	NO
SPBC12D12.04c	SPAC23C11.16	0.299871	Novel	NO	YES	YES	NO
SPBC2F12.13	SPAC664.10	0.299828	Novel	YES	YES	NO	NO
SPCC417.06c	SPBC16H5.07c	0.2998118	Novel	NO	NO	YES	NO
SPAC6B12.15	SPAC23E2.01	0.2997916	Novel	NO	YES	NO	NO
SPAC23C11.16	SPAC4G8.05	0.2997786	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPBC8D2.01	0.2996885	Novel	NO	YES	YES	NO
SPAC1F7.04	SPAC30D11.13	0.2996753	Novel	NO	YES	NO	NO
SPBC543.07	SPAC1751.01c	0.2996094	Novel	NO	NO	NO	NO
SPAC17A2.09c	SPBC8D2.01	0.2995998	Novel	YES	NO	NO	NO
SPBC12D12.08c	SPAC6F12.15c	0.2995997	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC17H9.19c	0.2995982	Novel	NO	NO	NO	NO
SPAC30.04c	SPAC9E9.12c	0.2995763	Novel	YES	YES	NO	NO
SPAC16.01	SPAC4G8.05	0.2995647	Novel	NO	NO	NO	NO
SPBC30B4.01c	SPBC106.10	0.2995629	Novel	NO	NO	NO	NO
SPBC8D2.01	SPAC1805.17	0.2995451	Novel	NO	NO	NO	NO
SPBC713.09	SPAC23H3.04	0.2995395	Novel	NO	NO	YES	NO
SPAC1B9.02c	SPAC20H4.11c	0.2994198	Novel	NO	NO	NO	NO
SPCC576.15c	SPAC23C11.16	0.2992651	Novel	YES	YES	YES	NO
SPAC24H6.05	SPBC1D7.05	0.2991822	Novel	YES	YES	NO	YES
SPAC1687.15	SPAC821.08c	0.2991738	Novel	NO	NO	NO	NO
SPBC19G7.05c	SPAC2F3.15	0.2991024	Novel	NO	NO	NO	YES
SPCC576.10c	SPAC16A10.04	0.2990452	Novel	NO	NO	NO	NO
SPAC57A7.08	SPBC428.13c	0.2990416	Novel	NO	NO	NO	NO
SPBC1711.11	SPAC23H3.04	0.2990144	Novel	NO	NO	NO	NO
SPBC582.03	SPBC32C12.03c	0.2989864	Novel	NO	NO	NO	NO
SPAC110.03	SPAC1B9.02c	0.2989387	Novel	NO	NO	NO	NO
SPAC16A10.07c	SPAC14C4.03	0.2989386	Novel	NO	NO	NO	NO
SPAC1805.15c	SPBC119.08	0.2989009	Novel	YES	NO	NO	NO
SPAC1D4.11c	SPBC11B10.09	0.2988882	Novel	NO	YES	YES	NO
SPBC428.13c	SPBC1861.09	0.2988837	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC16A10.07c	0.2988755	Novel	NO	YES	NO	NO
SPAC16A10.04	SPBC1861.09	0.2988702	Novel	NO	NO	NO	NO
SPBC8D2.01	SPAC23C11.16	0.2988002	Novel	YES	YES	YES	NO
SPBC428.13c	SPAC926.03	0.2987466	Novel	NO	YES	NO	NO
SPACUNK12.02c	SPAC2C4.14c	0.2985916	Novel	NO	YES	YES	NO
SPAC23A1.06c	SPAC23C11.11	0.2985804	Novel	NO	YES	YES	NO
SPBC32H8.10	SPAC1687.15	0.298552	Novel	NO	YES	YES	NO
SPCC18B5.03	SPAC1D4.13	0.2984918	Novel	NO	YES	NO	YES
SPCC4G3.08	SPBP19A11.04c	0.2984912	Novel	NO	NO	NO	NO
SPCC74.03c	SPAC821.08c	0.2984424	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPAC3H5.06c	0.2984296	Novel	NO	NO	NO	NO
SPBC2A9.07c	SPAC23H3.04	0.2984084	Novel	NO	NO	YES	NO
SPBC24C6.07	SPACUNK12.02c	0.2983991	Novel	NO	NO	NO	NO
SPCC24B10.07	SPBC4C3.12	0.2983964	Novel	NO	NO	NO	NO
SPAC1F7.04	SPBC8D2.01	0.2983275	Novel	NO	NO	NO	NO

SPAC2F3.15	SPAC19E9.03	0.2983272	Novel	NO	NO	NO	NO
SPCC417.06c	SPCC31H12.05c	0.2983117	Novel	YES	NO	NO	NO
SPBC543.07	SPAC2G11.07c	0.2983	Novel	NO	NO	NO	NO
SPAC2F3.15	SPBC29A10.15	0.2982968	Novel	NO	YES	NO	NO
SPBC359.04c	SPAC23H3.04	0.2982697	Novel	NO	NO	NO	NO
SPBC800.05c	SPAC23D3.09	0.2982572	Novel	NO	NO	NO	NO
SPBC3F6.01c	SPBC119.08	0.2982368	Novel	YES	NO	NO	NO
SPAC23H3.04	SPCC1183.12	0.2982315	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC25H2.09	0.2982152	Novel	NO	NO	YES	NO
SPBC215.13	SPBC18E5.03c	0.2982088	Novel	NO	NO	NO	NO
SPAC17G8.14c	SPAC4G8.05	0.2980928	Novel	NO	YES	YES	NO
SPBC21.06c	SPBC1861.09	0.2980895	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC4F8.01	0.2980855	Novel	NO	NO	NO	NO
SPBC29A10.15	SPAC2C4.14c	0.2980693	Novel	NO	YES	NO	NO
SPBC32F12.09	SPBC11C11.02	0.2980249	Novel	NO	NO	NO	YES
SPBC16H5.11c	SPCC4G3.08	0.2979789	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC8C9.10c	0.2979768	Novel	NO	NO	NO	NO
SPAC630.14c	SPAC644.12	0.2979548	Novel	NO	YES	NO	NO
SPAC22E12.14c	SPACUNK12.02c	0.2979529	Novel	NO	YES	YES	NO
SPCC24B10.07	SPBC776.02c	0.2978985	Novel	NO	NO	NO	NO
SPCC162.10	SPBC106.10	0.2978883	Novel	NO	YES	YES	NO
SPAC23H3.04	SPBC24C6.02	0.2978769	Novel	NO	NO	NO	NO
SPBC1703.10	SPBC1604.14c	0.2978414	Novel	NO	NO	YES	NO
SPAC18B11.10	SPAC4D7.03	0.2978402	Novel	NO	YES	NO	NO
SPAC144.14	SPAC23H3.04	0.2977551	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC736.02	0.2977472	Novel	NO	NO	YES	NO
SPAC16A10.04	SPAC3A11.12c	0.2977327	Novel	NO	NO	NO	NO
SPBC3B9.18c	SPAC23H3.04	0.2976799	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPBC21C3.20c	0.2976721	Novel	NO	NO	YES	YES
SPBC649.05	SPCC74.03c	0.2976009	Novel	NO	NO	NO	NO
SPAC823.08c	SPBC14C8.07c	0.2975875	Novel	NO	YES	NO	NO
SPCC970.04c	SPCC18B5.11c	0.2975863	Novel	YES	YES	YES	NO
SPCC16C4.11	SPCC1919.01	0.2974644	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPBC21.06c	0.2973934	Novel	NO	YES	YES	NO
SPAC57A7.08	SPAC24H6.05	0.2973493	Novel	YES	NO	YES	NO
SPAC1B9.02c	SPBC17F3.02	0.2973414	Novel	NO	YES	YES	NO
SPBC21.06c	SPBC19F8.07	0.2973318	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC664.15	0.2973219	Novel	NO	NO	NO	NO
SPAPB2B4.03	SPAC20H4.09	0.2972832	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC19C2.10	0.2972441	Novel	NO	NO	YES	NO
SPAC11E3.09	SPAC26F1.10c	0.2971141	Novel	NO	YES	YES	YES
SPAC1782.09c	SPBC106.10	0.2971015	Novel	YES	YES	NO	NO
SPCC18B5.03	SPBC32H8.10	0.2970663	Novel	NO	YES	NO	NO
SPBC4.04c	SPBC409.05	0.2970598	Novel	NO	NO	NO	YES
SPAC823.15	SPBC106.10	0.2970413	Novel	NO	NO	NO	NO
SPBC543.07	SPCC162.10	0.2970402	Novel	NO	YES	YES	NO
SPAC821.12	SPCC188.12	0.2970391	Novel	NO	NO	NO	NO

SPBC543.07	SPAC23D3.04c	0.2969222	Novel	YES	NO	NO	NO
SPBC428.16c	SPBC23G7.12c	0.2969221	Novel	NO	NO	NO	NO
SPBC106.10	SPBC16H5.07c	0.2969025	Novel	YES	NO	NO	NO
SPAC20H4.11c	SPAC4G8.05	0.2968073	Novel	NO	NO	NO	NO
SPAPYUG7.02c	SPBC8D2.01	0.2966919	Novel	NO	NO	NO	NO
SPAC823.08c	SPCC1259.13	0.296641	Novel	NO	YES	NO	NO
SPCC191.08	SPAC23H3.04	0.2966386	Novel	NO	NO	YES	NO
SPCC16C4.11	SPCC970.04c	0.2966378	Novel	NO	YES	YES	NO
SPCC1739.12	SPCC4G3.08	0.2966326	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC227.10	0.2966222	Novel	NO	NO	NO	NO
SPAC6F6.08c	SPBC119.08	0.296597	Novel	NO	YES	NO	NO
SPBC32F12.09	SPCC16A11.17	0.2965911	Novel	NO	NO	NO	YES
SPBC21C3.20c	SPAC821.12	0.2965091	Novel	NO	NO	NO	NO
SPAC110.03	SPBPJ4664.02	0.2964607	Novel	NO	NO	NO	NO
SPAC23H3.04	SPBC15D4.01c	0.2964024	Novel	NO	NO	NO	NO
SPCC16C4.07	SPCC24B10.07	0.2963938	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPBC16E9.10c	0.2963553	Novel	NO	NO	NO	NO
SPCC24B10.07	SPAC6F12.12	0.2963307	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCP20C8.01c	0.2962818	Novel	NO	NO	YES	NO
SPCC16C4.11	SPAC23C11.11	0.2962695	Novel	NO	YES	YES	NO
SPBC21.07c	SPAC23H3.04	0.2962315	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC4G8.10	0.2962183	Novel	YES	NO	NO	NO
SPAC1565.06c	SPBC11C11.02	0.2961838	Novel	NO	YES	NO	YES
SPAC19G12.14	SPCC4G3.08	0.2961515	Novel	NO	YES	YES	NO
SPBC8D2.01	SPBC29B5.01	0.2961508	Novel	NO	NO	NO	NO
SPCC18B5.03	SPBC17F3.02	0.2961349	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC11E3.01c	0.2961246	Novel	NO	NO	NO	NO
SPAC17H9.09c	SPBPJ4664.02	0.2961197	Novel	NO	NO	NO	NO
SPBC8D2.01	SPAC821.08c	0.2961161	Novel	NO	NO	NO	NO
SPBC649.05	SPACUNK12.02c	0.2961104	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1450.03	0.2960627	Novel	NO	NO	NO	NO
SPBC216.07c	SPAC6B12.15	0.2960442	Novel	YES	YES	NO	YES
SPAC23H3.04	SPCC777.10c	0.2959758	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPAC6F12.15c	0.2959609	Novel	NO	NO	NO	YES
SPCC320.13c	SPCC1322.08	0.295932	Novel	NO	YES	NO	NO
SPAC1B9.02c	SPCC5E4.04	0.2958987	Novel	NO	NO	NO	YES
SPBC1861.09	SPBC30D10.10c	0.295898	Novel	NO	YES	NO	NO
SPBC19C2.05	SPBC119.08	0.2958906	Novel	YES	YES	YES	NO
SPBC4C3.12	SPAC1687.15	0.2958454	Novel	NO	NO	NO	NO
SPAC1F7.04	SPCC18B5.11c	0.2958378	Novel	NO	YES	NO	NO
SPAC6F12.12	SPAC2C4.14c	0.295772	Novel	YES	NO	NO	NO
SPAC1782.09c	SPAC1687.15	0.295734	Novel	NO	NO	NO	YES
SPCC576.03c	SPBC8D2.01	0.2955322	Novel	YES	NO	NO	NO
SPBC12D12.08c	SPBC19C7.09c	0.2954997	Novel	NO	NO	NO	NO
SPCC576.15c	SPACUNK12.02c	0.2954802	Novel	NO	YES	YES	NO
SPBC2F12.09c	SPBC8D2.01	0.2954732	Novel	NO	NO	NO	NO
SPAC1783.07c	SPBC8D2.01	0.2954505	Novel	YES	NO	NO	NO

SPAC821.12	SPAC1687.15	0.2954287	Novel	NO	YES	YES	NO
SPAC22E12.14c	SPAC56F8.16	0.295408	Novel	NO	NO	NO	YES
SPCC18B5.03	SPBP4H10.04	0.2953759	Novel	NO	NO	NO	YES
SPBC409.07c	SPBC12D12.04c	0.2953742	Novel	NO	YES	YES	YES
SPBC32F12.04	SPAC18B11.07c	0.2953658	Novel	NO	NO	NO	NO
SPBC582.03	SPBC32H8.10	0.2953375	Novel	NO	YES	NO	NO
SPBC11B10.09	SPAC23C4.18c	0.2953358	Novel	NO	YES	YES	YES
SPAC31G5.09c	SPBC409.09c	0.2953212	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC1565.04c	0.295319	Novel	NO	YES	NO	NO
SPCC1259.13	SPAC14C4.03	0.2953022	Novel	NO	YES	YES	YES
SPCC162.10	SPAC23C4.08	0.2952607	Novel	NO	NO	NO	NO
SPAC22E12.14c	SPCC622.09	0.2952496	Novel	NO	NO	NO	YES
SPBC649.05	SPAC1687.15	0.2952145	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC22F3.03c	0.2951307	Novel	NO	YES	NO	NO
SPAC824.04	SPBC32H8.07	0.2950854	Novel	NO	NO	NO	NO
SPCC1259.13	SPAC9G1.09	0.295027	Novel	NO	YES	YES	NO
SPBC24C6.07	SPCC18B5.11c	0.2949898	Novel	NO	YES	NO	NO
SPAC3A11.12c	SPAC23C4.08	0.2949804	Novel	NO	NO	NO	NO
SPBP23A10.08	SPBC16A3.15c	0.2948965	Novel	NO	NO	NO	NO
SPBC11B10.09	SPCC16A11.02	0.2947078	Novel	NO	NO	NO	NO
SPBC649.05	SPBC8D2.01	0.2946872	Novel	NO	NO	NO	NO
SPBC4.07c	SPBC1703.10	0.2946818	Novel	NO	NO	NO	NO
SPBC8D2.19	SPBC18H10.15	0.2945813	Novel	NO	YES	YES	NO
SPBC32F12.09	SPBC25D12.03c	0.2945488	Novel	NO	NO	NO	YES
SPBC21B10.05c	SPAC644.12	0.2945432	Novel	NO	YES	NO	YES
SPCC1223.06	SPBC1703.10	0.2945431	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC16.01	0.2945256	Novel	NO	YES	NO	NO
SPCC1682.02c	SPBC14C8.07c	0.2945216	Novel	YES	YES	YES	YES
SPCC18B5.03	SPBC3F6.01c	0.2944508	Novel	NO	NO	NO	NO
SPAC977.10	SPBC8D2.01	0.2943558	Novel	NO	NO	NO	NO
SPBC18H10.15	SPAC23H4.17c	0.2943418	Novel	NO	YES	YES	NO
SPCC1259.15c	SPBC800.05c	0.2942971	Novel	NO	NO	NO	NO
SPBC13E7.09	SPBC28E12.03	0.2942277	Novel	NO	YES	NO	NO
SPCC18B5.11c	SPBC14C8.07c	0.2941953	Novel	NO	YES	YES	YES
SPCC18B5.03	SPAC23A1.06c	0.2941941	Novel	NO	YES	YES	YES
SPAC110.03	SPAC23D3.10c	0.2941582	Novel	NO	NO	NO	NO
SPCC4B3.15	SPBC11C11.02	0.2941483	Novel	NO	YES	NO	YES
SPCC576.15c	SPAC24H6.05	0.2940678	Novel	YES	YES	NO	NO
SPBC25D12.03c	SPBC29A10.15	0.2940068	Novel	YES	YES	YES	YES
SPBC4.07c	SPBC887.04c	0.2940052	Novel	NO	YES	YES	NO
SPCC4G3.08	SPAC1F5.08c	0.2939524	Novel	NO	NO	NO	NO
SPAC823.08c	SPAC24H6.05	0.2939435	Novel	NO	NO	NO	NO
SPBC4.04c	SPCC5E4.04	0.2939277	Novel	YES	NO	NO	YES
SPAC9G1.09	SPAC1006.09	0.2938715	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC3F6.01c	0.2938277	Novel	NO	NO	YES	NO
SPAC24B11.11c	SPBPJ4664.02	0.2938257	Novel	NO	NO	NO	NO
SPBC32C12.03c	SPBC19F8.07	0.2937947	Novel	NO	YES	YES	NO

SPBC30D10.10c	SPAC4G8.05	0.2937218	Novel	NO	YES	NO	NO
SPBC216.05	SPAC1B2.05	0.2936996	Novel	NO	YES	NO	YES
SPAC17A2.13c	SPCC74.03c	0.2936977	Novel	NO	NO	NO	NO
SPAC1D4.13	SPACUNK12.02c	0.293663	Novel	NO	YES	YES	NO
SPBC11B10.09	SPAPJ698.03c	0.2936519	Novel	NO	NO	NO	YES
SPCC24B10.07	SPCC31H12.05c	0.2935854	Novel	NO	NO	NO	NO
SPAC18G6.03	SPBC19C2.05	0.2935585	Novel	YES	NO	NO	NO
SPAC664.01c	SPBC1105.09	0.2935363	Novel	NO	NO	YES	NO
SPAC22E12.14c	SPBC1778.10c	0.293518	Novel	NO	YES	YES	NO
SPAC31G5.09c	SPAC8E11.02c	0.2935002	Novel	NO	NO	NO	YES
SPAC23H3.04	SPAC17C9.14	0.2934903	Novel	NO	NO	NO	NO
SPCC16C4.11	SPAC20G8.01	0.2934867	Novel	NO	YES	NO	NO
SPBC8D2.01	SPAC1F5.09c	0.2934477	Novel	NO	YES	YES	NO
SPAC23H3.04	SPCC1620.11	0.2934235	Novel	NO	NO	NO	NO
SPBP8B7.26	SPAC23H3.04	0.2933358	Novel	NO	NO	YES	NO
SPAC22E12.14c	SPBC14C8.01c	0.2933252	Novel	NO	NO	NO	YES
SPBC3D6.09	SPBC25D12.03c	0.2933138	Novel	NO	YES	YES	YES
SPBC12D12.04c	SPAC1687.15	0.2932602	Novel	NO	YES	YES	NO
SPAC24B11.06c	SPBC216.07c	0.2932478	Novel	YES	YES	NO	NO
SPAC3A11.14c	SPBC2F12.13	0.2932184	Novel	NO	YES	YES	YES
SPCC576.10c	SPAC23C4.08	0.2931997	Novel	NO	NO	NO	NO
SPBC660.14	SPAC19E9.02	0.2931463	Novel	NO	YES	YES	YES
SPACUNK12.02c	SPAC1F3.02c	0.2931211	Novel	NO	YES	YES	NO
SPAC23H3.04	SPAC25G10.01	0.2931172	Novel	NO	NO	YES	NO
SPBC21.06c	SPBC1703.10	0.2930562	Novel	NO	NO	NO	NO
SPCC162.10	SPBC1604.14c	0.2930372	Novel	NO	YES	YES	NO
SPBC1718.07c	SPCC18B5.11c	0.2929984	Novel	NO	YES	NO	YES
SPBC211.04c	SPBC216.05	0.2929872	Novel	NO	YES	NO	YES
SPAC57A7.08	SPBC409.04c	0.292952	Novel	YES	NO	NO	NO
SPAC18G6.03	SPAC17G6.04c	0.2929152	Novel	NO	NO	NO	NO
SPAC31G5.09c	SPCC4G3.08	0.2929056	Novel	NO	YES	YES	NO
SPAC11E3.09	SPAC2F3.15	0.2929038	Novel	NO	NO	NO	NO
SPAC23H3.04	SPCC1393.02c	0.2928381	Novel	NO	NO	NO	NO
SPAC1D4.13	SPAC6F6.08c	0.2928349	Novel	NO	YES	NO	YES
SPACUNK12.02c	SPBC1734.02c	0.2928246	Novel	NO	NO	NO	NO
SPCC18B5.11c	SPCC1919.01	0.2928216	Novel	NO	YES	YES	NO
SPCC16C4.11	SPBC16E9.11c	0.2927449	Novel	NO	NO	NO	NO
SPAC110.03	SPAPB15E9.01c	0.2927118	Novel	NO	NO	NO	NO
SPBC11B10.09	SPAC6G10.12c	0.2926826	Novel	NO	NO	NO	YES
SPBC19G7.05c	SPBC11C11.02	0.2926627	Novel	NO	NO	NO	YES
SPBC336.04	SPAC2C4.14c	0.2926005	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPBC1921.02	0.2925948	Novel	NO	NO	NO	NO
SPBC776.12c	SPAC14C4.03	0.2925758	Novel	NO	YES	YES	YES
SPAC24B11.06c	SPAC4F10.15c	0.2925362	Novel	NO	YES	NO	NO
SPBC215.13	SPAC821.12	0.2925049	Novel	NO	NO	NO	NO
SPBC776.12c	SPCC320.13c	0.2924656	Novel	NO	YES	NO	NO
SPAC644.04	SPCC663.05c	0.2924564	Novel	NO	YES	NO	NO

SPAC1F7.04	SPAC23H4.17c	0.29244	Novel	NO	NO	NO	NO
SPBC2F12.08c	SPCC663.05c	0.2923852	Novel	NO	YES	NO	NO
SPBC543.07	SPAC1565.06c	0.2922892	Novel	NO	NO	YES	YES
SPAC821.12	SPAC328.03	0.2922537	Novel	NO	YES	YES	NO
SPBC1921.03c	SPBC29A3.09c	0.292203	Novel	NO	NO	NO	NO
SPBC336.04	SPBC8D2.01	0.2921653	Novel	NO	NO	NO	NO
SPAC2F3.15	SPAC821.08c	0.2921555	Novel	NO	NO	NO	NO
SPAPB15E9.01c	SPAC23C4.08	0.2921358	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPCC4B3.12	0.2920391	Novel	NO	NO	NO	NO
SPAC664.07c	SPCC4G3.08	0.2920239	Novel	NO	NO	NO	NO
SPAC24H6.09	SPAC9G1.09	0.2919811	Novel	NO	YES	NO	NO
SPAC6F6.08c	SPBC11C11.02	0.2919629	Novel	NO	YES	NO	YES
SPBC8D2.01	SPAC20H4.11c	0.2919477	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC9E9.14	0.2919459	Novel	NO	NO	NO	NO
SPBC21C3.18	SPAC1B2.05	0.2919279	Novel	YES	YES	NO	NO
SPAPJ760.02c	SPAC23H3.04	0.2919104	Novel	NO	NO	NO	NO
SPBC3D6.09	SPBC211.04c	0.2918983	Novel	NO	YES	YES	YES
SPAC222.03c	SPAC23H3.04	0.2918977	Novel	NO	NO	NO	NO
SPBC21C3.16c	SPCC663.05c	0.291894	Novel	YES	YES	NO	NO
SPAC1805.12c	SPAC26A3.16	0.2917705	Novel	NO	NO	NO	YES
SPAC26A3.16	SPAC11G7.04	0.2917705	Novel	NO	NO	NO	YES
SPCC576.15c	SPBC1778.10c	0.2917476	Novel	NO	YES	YES	NO
SPCC576.15c	SPCC18B5.03	0.2917435	Novel	NO	YES	NO	NO
SPBC32F12.04	SPAC1250.03	0.291638	Novel	NO	NO	NO	NO
SPBP23A10.08	SPAC4A8.15c	0.2916219	Novel	NO	NO	NO	NO
SPAC22H12.02	SPBC1105.09	0.2915754	Novel	NO	NO	NO	NO
SPAC24H6.05	SPCC1919.01	0.2915388	Novel	NO	NO	NO	NO
SPBC428.08c	SPBC1105.09	0.291516	Novel	NO	NO	YES	NO
SPAC23H3.04	SPBC713.04c	0.2915077	Novel	NO	NO	NO	NO
SPCC1259.13	SPCC4G3.08	0.2914448	Novel	NO	YES	YES	NO
SPBC32C12.02	SPAC23C11.11	0.2914393	Novel	NO	NO	NO	NO
SPBC354.03	SPCC18.05c	0.2912946	Novel	NO	NO	NO	NO
SPBC1734.06	SPCC777.10c	0.2912424	Novel	NO	NO	NO	NO
SPBC428.13c	SPCC4G3.08	0.2912351	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC17F3.02	0.2911888	Novel	YES	YES	YES	YES
SPCC24B10.07	SPAC23H4.17c	0.2911712	Novel	NO	YES	YES	NO
SPBC146.13c	SPCC1739.11c	0.2911627	Novel	YES	YES	YES	NO
SPBC4C3.05c	SPAC22A12.05	0.2911577	Novel	NO	YES	NO	NO
SPAC23H3.04	SPCC285.15c	0.2911362	Novel	NO	NO	NO	NO
SPAC23H3.04	SPAC25G10.06	0.2911362	Novel	NO	NO	NO	NO
SPCC1919.15	SPCC777.10c	0.2910922	Novel	NO	NO	NO	NO
SPCC16C4.11	SPBC409.04c	0.2910471	Novel	NO	YES	NO	NO
SPBC4.04c	SPCC736.14	0.2910173	Novel	YES	NO	NO	YES
SPAC22E12.14c	SPAC1782.09c	0.291007	Novel	NO	NO	NO	NO
SPAC144.13c	SPAC2F3.15	0.2909959	Novel	NO	NO	NO	NO
SPCC970.10c	SPCC777.10c	0.2909669	Novel	NO	NO	NO	NO
SPBC4F6.12	SPBC11C11.02	0.2909422	Novel	YES	YES	YES	YES

SPAC23H3.04	SPBC1734.16c	0.2908883	Novel	NO	NO	NO	NO
SPAC821.12	SPBC1778.10c	0.2908768	Novel	NO	YES	YES	NO
SPBP16F5.02	SPAC1687.15	0.2908057	Novel	NO	NO	NO	NO
SPAC1D4.06c	SPAC2C4.14c	0.290804	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPBC18H10.15	0.2907969	Novel	NO	YES	YES	NO
SPAC1F3.02c	SPAC4G8.05	0.2907631	Novel	NO	YES	YES	NO
SPAPB18E9.04c	SPAC2C4.14c	0.2907623	Novel	NO	NO	NO	NO
SPCC4E9.02	SPAC11E3.04c	0.2907564	Novel	NO	NO	NO	NO
SPAC16.01	SPCC18B5.11c	0.290738	Novel	YES	YES	NO	NO
SPAC821.09	SPCC24B10.07	0.2907267	Novel	NO	NO	NO	NO
SPACUNK12.02c	SPCC306.03c	0.2907103	Novel	NO	NO	NO	NO
SPBC409.04c	SPBC11B10.09	0.2906625	Novel	NO	YES	NO	NO
SPBP23A10.08	SPBC800.05c	0.2906359	Novel	NO	NO	NO	NO
SPAC30D11.10	SPBC1105.09	0.2906306	Novel	NO	NO	NO	NO
SPBC409.07c	SPAC23C11.11	0.2905822	Novel	NO	YES	YES	NO
SPCC1259.15c	SPBC16A3.15c	0.290554	Novel	NO	NO	NO	NO
SPAC6B12.15	SPAC6F12.15c	0.290548	Novel	NO	YES	NO	NO
SPAC9G1.09	SPCC24B10.13	0.2905178	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC19C2.01	0.2904329	Novel	NO	YES	NO	YES
SPAC23H3.04	SPAC110.04c	0.2904295	Novel	NO	NO	NO	NO
SPBC1D7.05	SPBC106.10	0.2904031	Novel	YES	YES	YES	NO
SPAC23H3.04	SPAC664.08c	0.2903933	Novel	NO	NO	NO	NO
SPBC32F12.04	SPAC20H4.11c	0.2903723	Novel	NO	YES	NO	NO
SPAC1D4.06c	SPBC1604.14c	0.2903546	Novel	NO	YES	YES	YES
SPAC23H3.04	SPAC23A1.17	0.2902798	Novel	NO	NO	NO	NO
SPBC409.07c	SPCC4G3.08	0.2902702	Novel	NO	YES	YES	NO
SPACUNK12.02c	SPCC1739.11c	0.2902294	Novel	NO	NO	NO	NO
SPAC24B11.11c	SPBC30D10.10c	0.2901621	Novel	NO	YES	NO	NO
SPAC23H3.04	SPAC23C11.03	0.29014	Novel	NO	NO	NO	NO
SPBC409.07c	SPBC32C12.03c	0.2901277	Novel	NO	YES	YES	NO
SPBC32F12.09	SPAC57A10.05c	0.2901267	Novel	NO	NO	NO	NO
SPBC11B10.09	SPBC1778.10c	0.2901069	Novel	NO	YES	YES	NO
SPBC12D12.01	SPAC27F1.02c	0.2900697	Novel	NO	NO	NO	YES
SPBC354.03	SPBC6B1.07	0.2900686	Novel	NO	NO	NO	NO
SPBC11C11.02	SPBC1778.06c	0.2900205	Novel	YES	NO	YES	YES

For the first pair, protein A (SPCC23B6.03c) interacts with protein B (SPBC216.05) with a score of ~0.9999994; this interactions has been previously reported using a wetlab method (hence, "known"); proteins A and B are not found within the same cellular component and are not involved in the same cellular process; however, they both have a same function and interact with a third independent protein.

Table S2. Predicted interactions between 29 proteins with established roles in the efficiency of double stranded (ds) DNA break repair and all other human proteins (1,037 pairs).

Protein A	Protein B	Score	Status
Q13315	P78527	0.99999968	Known
Q13315	P51587	0.99999961	Known
P51587	P21333	0.99999955	Known
Q13535	P51587	0.99999955	Known
Q13535	Q13315	0.9999995	Known
P78527	P38398	0.99999947	Known
Q9Y4A5	P38398	0.99999944	Known
P51587	P38398	0.99999936	Known
Q14676	Q13315	0.99999936	Known
Q13315	Q12888	0.99999933	Known
Q13315	P38398	0.99999929	Known
Q92793	Q14676	0.9999992	Known
Q14839	Q13535	0.9999992	Known
Q9BXW9	P51587	0.99999919	Known
Q14676	Q09472	0.99999919	Known
Q13535	P38398	0.99999917	Known
Q92547	Q13315	0.99999912	Known
Q92793	P38398	0.9999991	Known
Q7Z589	P51587	0.9999991	Known
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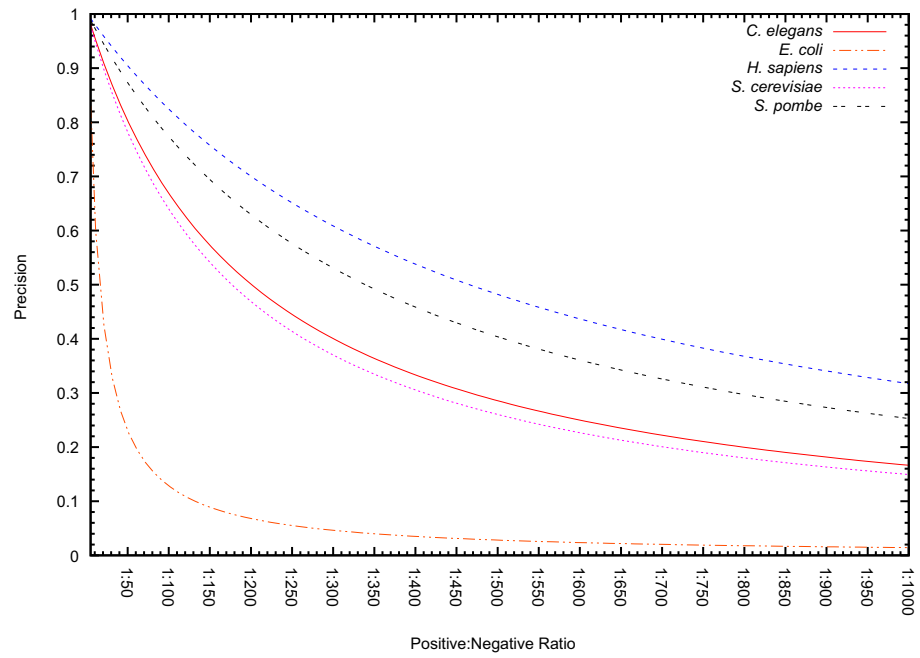


Figure S1. Impact of the positive: negative ratio on the precision. Precision is reduced as positive: negative ratio is reduced.

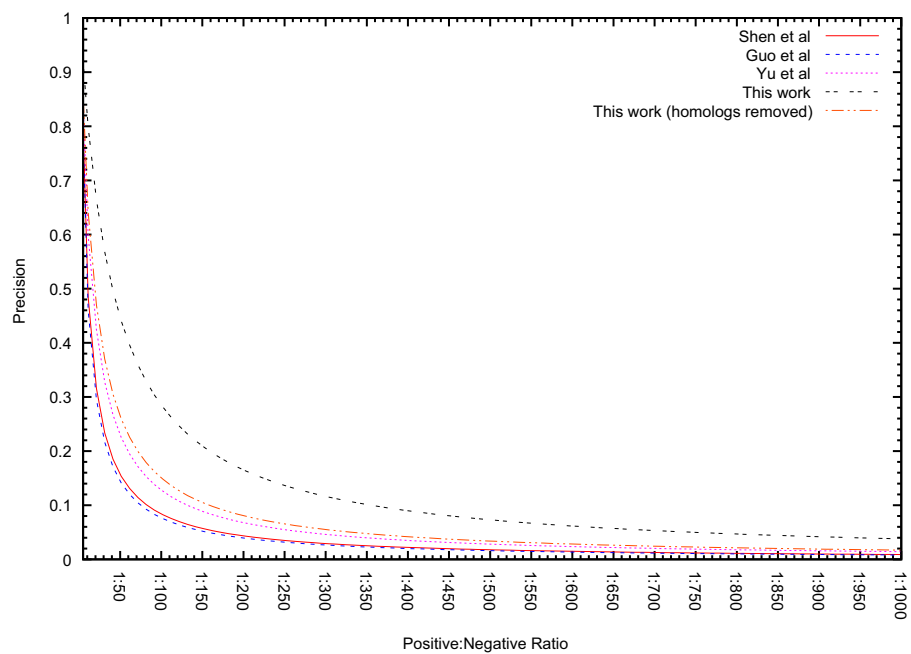


Figure S2. Comparison of precision over human proteins for competing methods. Precision for the current method (before and after the removal of homologs) is higher than those of competing methods for different positive: negative ratios. It should be noted that homologs are not removed in the competing methods.

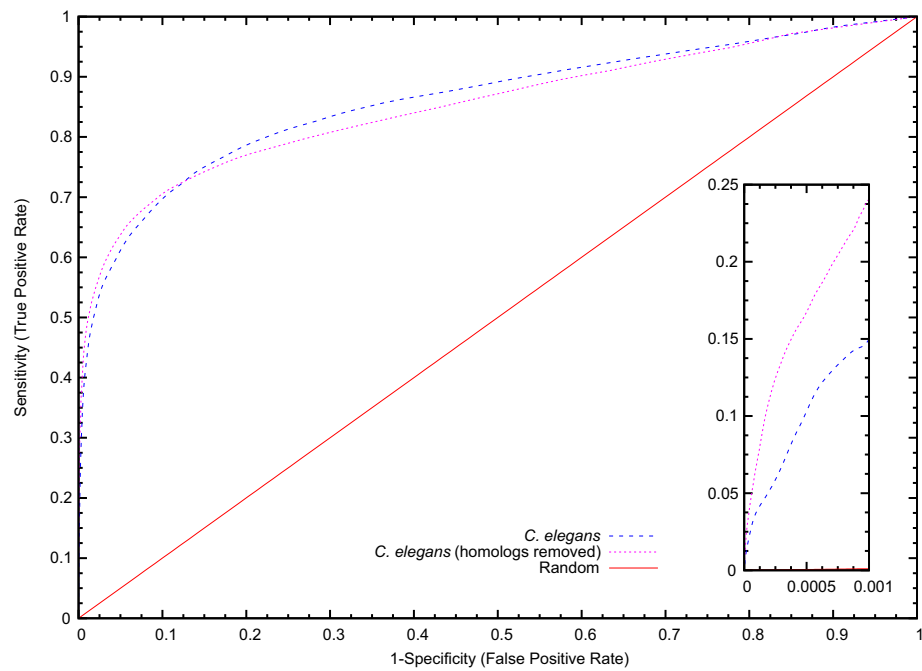


Figure S3. ROC curve with and without homologous sequences for *C. elegans*. The curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

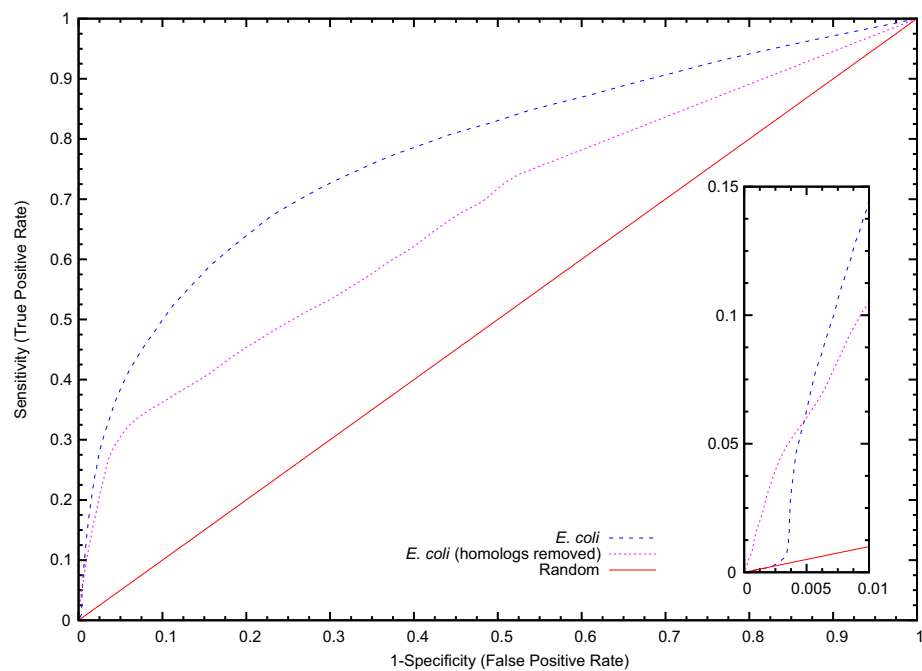


Figure S4. ROC curve with and without homologous sequences for *E. coli*. The curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

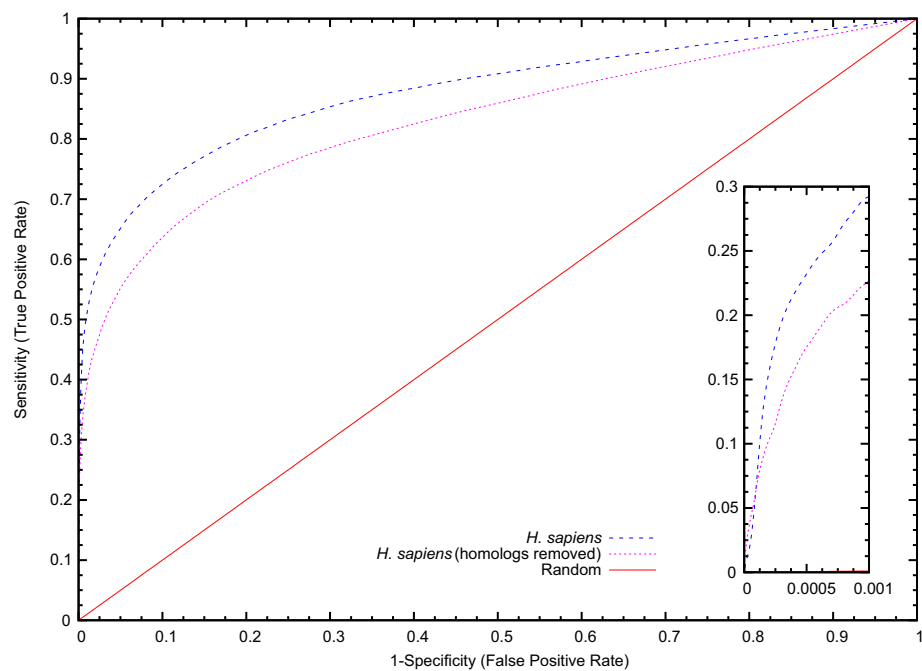


Figure S5. ROC curve with and without homologous sequences for human. The curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

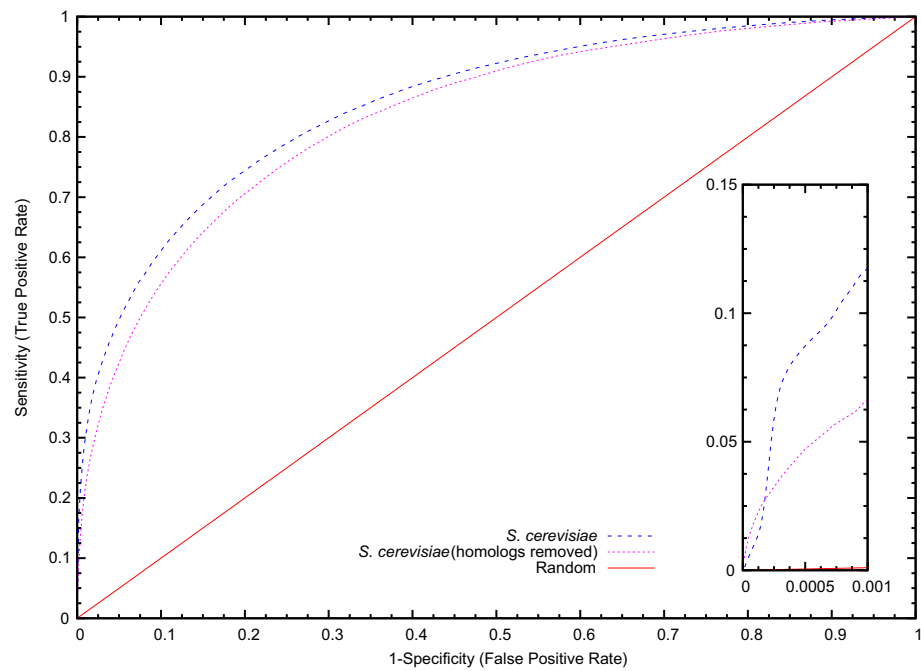


Figure S6. ROC curve with and without homologous sequences for *S. cerevisiae*. The curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

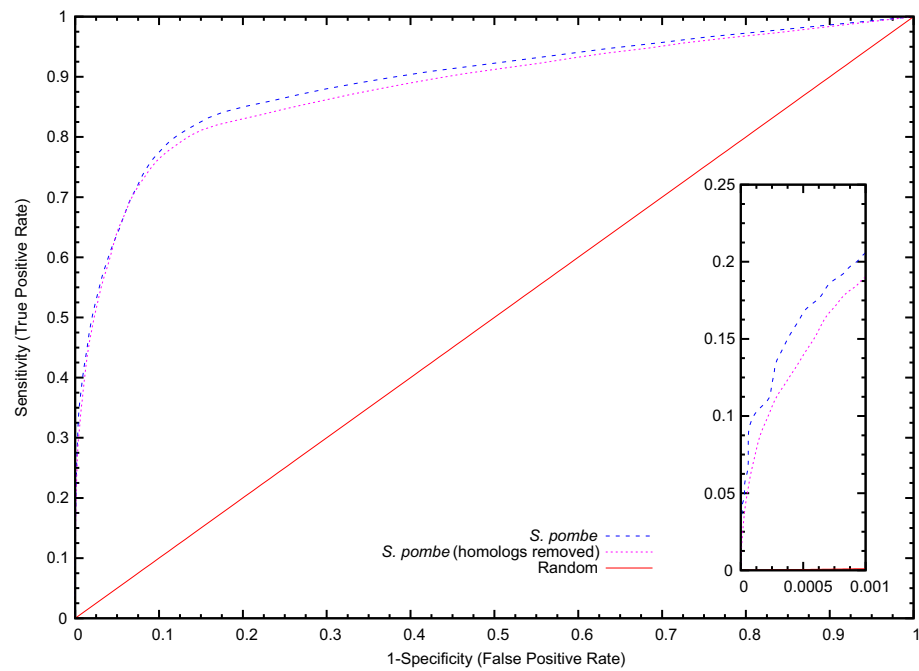


Figure S7. ROC curve with and without homologous sequences for *S. pombe*. The curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

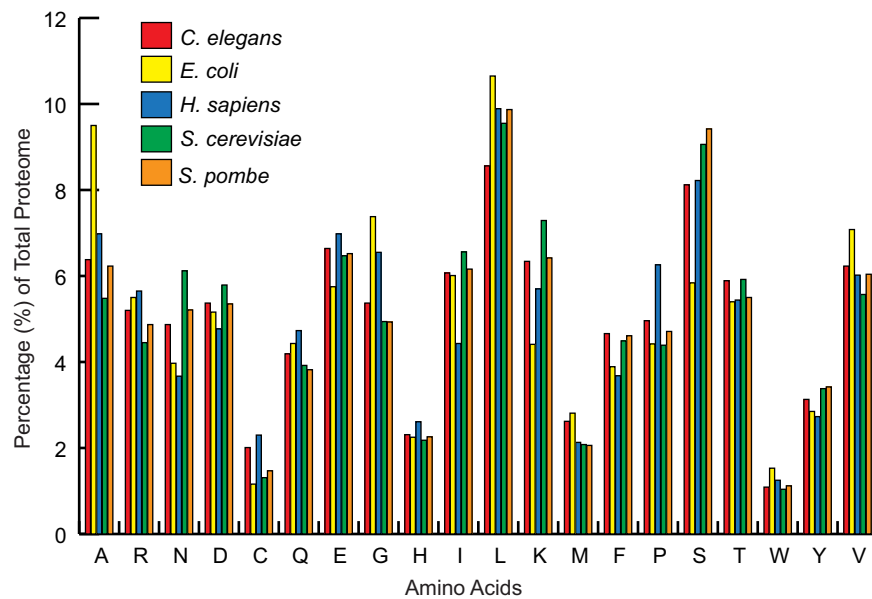


Figure S8. Amino acid distributions within proteins in different organisms. The method presented in this work is tuned for these differences.

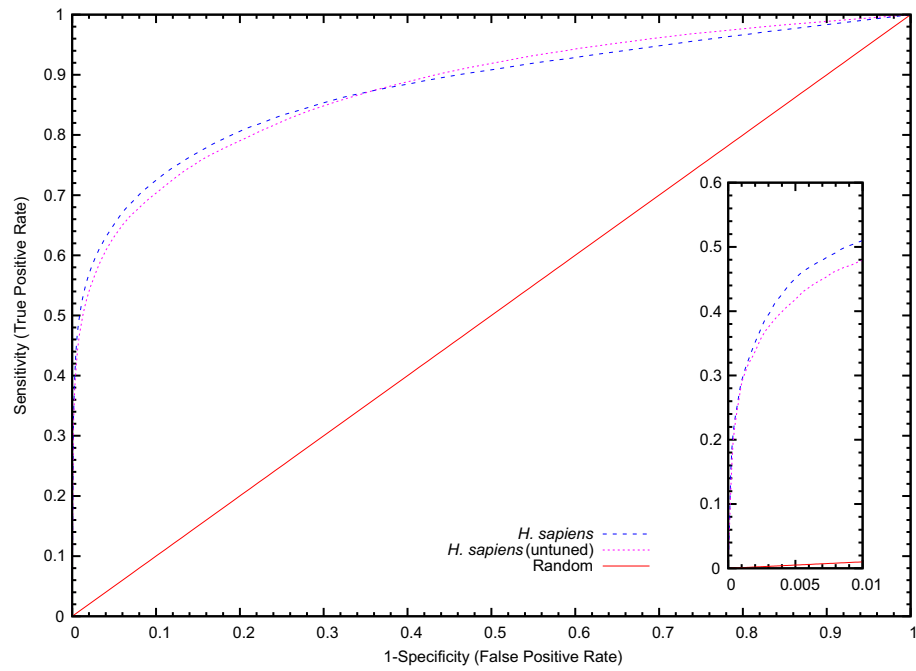


Figure S9. Difference between using tuned and untuned parameters to predict human PPIs. ROC curve presents the True Positive Rate (Sensitivity) against the False Positive Rate (1-Specificity). Inset: performance at very high specificity (99.95%).

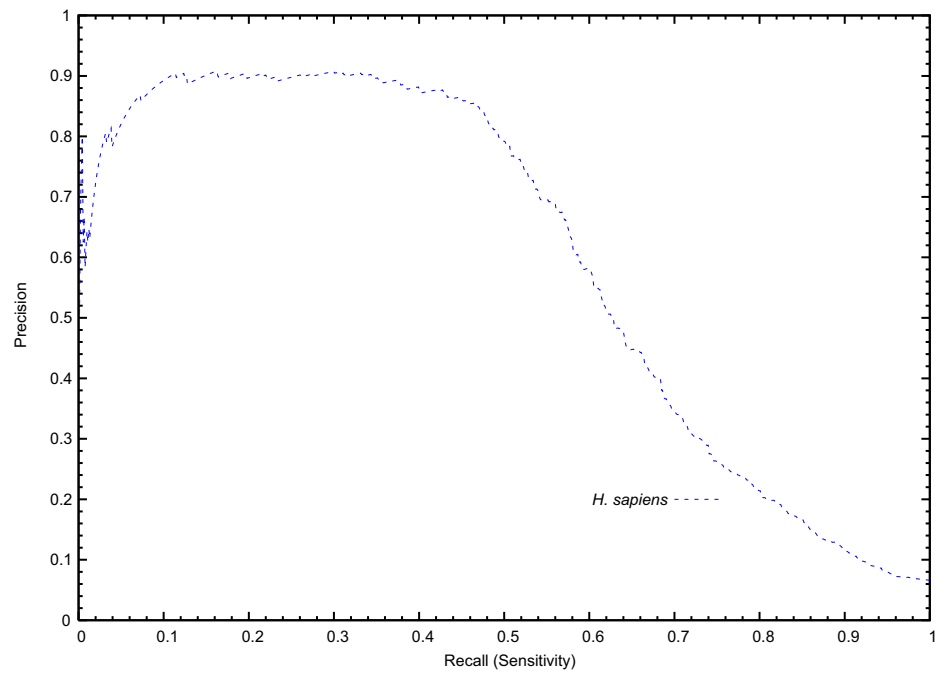


Figure S10: Precision-Recall curve using Yu et al's 1:15 PNR dataset.