Table 2. Lipid droplet phenotypes of yeast gene disruption mutants\*

Cene name		Lipia diopiet pheno	
ADE12 † Indistinct(B) ‡ Many, indistinet ADK1 Aggregated Many, centralized § ANP1 † Like WT Many, centralized APN1 † Many, indistinct AFP3 † Like WT Large BEM2 Large BUD32 † Like WT Many, indistinct BUR2 Many, dispersed Many, indistinct CNM67 † Like WT Many, dispersed Many, indistinct CNM67 † Like WT Many, large BEM2 Large Heterogeneous in size CHC1 † Many, dispersed Many, indistinct CNM67 † Like WT Many, large BUD32   Like WT Many, large CM1 Small(B), dim Small, many DRS2 Like WT Many, large BTS1 Many, large Many, indistinct(B) ERD1 Many, large Many, indistinct(B) EST3 Many, large Many, indistinct(B) ERD1 Many, indistinct(B) Many, indistinct(B) MEM2 Many, indistinct(B) Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MED1 Like WT Many, dispersed DE2 Many, indistinct(B) Many, indistinct(B) MSN1 Small, dim Many, dispersed DE4 Many, indistinct(B) MSN1 Small, dim Many, dispersed DE5 Indistinct, aggregated Many, dispersed DE6 Many, large Many, large DE7 Indistinct, aggregated Many, indistinct DE7 Like WT Many, indistinct DE7 Many, large Many, large DE7 Indistinct, aggregated Many, indistinct DE7 Like WT Many, indistinct DE7 Many, large Many, indistinct DE7 Many, large Many, indistinct DE7 Many, indistinct	Gene name	Log phase	Stationary phase
ADK1 Aggregated Many, centralized § ANP1 Like WT Many, indistinct Many, centralized APN1† Many, indistinct Many, centralized Large Large Large BUD32† Like WT Many, indistinct BUR2 Many, large Heterogeneous in size CHC1† Many, dispersed Many, indistinct CNM67† Like WT Many, dispersed CHC1† Many, dispersed Many, indistinct CNM67† Like WT Many, dispersed CMI Small(B), dim Small, many DRS2 Like WT Many, large ECM1 Small(B), dim Indistinct ERD1 Many, dispersed Many, indistinct(B) EST3 Many, large Many, indistinct(B) EST3 Many, large Indistinct, aggregated HPR1† Many, indistinct(B) Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MRM2 Many, indistinct MSN1 Small, dim Many, indistinct MSN1 Small, dim Many, indistinct NEM1 Rings OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, large PEP5 Indistinct, aggregated Many, large PEP5 Indistinct, aggregated Many, indistinct MRN2 Many, large PEP5 Indistinct, aggregated Many, indistinct Many, large Many, large PEP7 Indistinct, aggregated Many, indistinct SCC22 Small, dim Many, indistinct SCC22 Small, many Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct Many, indistinct Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct Many, indistinct Many, indistinct Many, indistinct STO1 Many, indistinct Many, in	ADE8	Like WT	Heterogeneous in size
ANPI   Like WT   Many, centralized   APNI † Many, indistinct   Large   Many, indistinct   CNM67 † Like WT   Many, dispersed   Many, indistinct   CNM67 † Like WT   Many, dispersed   Many, indistinct   CNM67 † Like WT   Many, dispersed   Many, indistinct   ERDI   Small(B), dim   Indistinct   ERDI   Many, dispersed   Many, indistinct(B)   ERDI   Many, dispersed   Many, indistinct(B)   ERDI   Many, indistinct(B)   Many, indistinct   Many, indistin	ADE12 †	Indistinct(B) ‡	Many, indistinct
APN1 † Many, indistinct	ADK1	Aggregated	Many, centralized §
ATP3 † Like WT Large BEM2 Large BEM2 Large BUD32 † Like WT Many, indistinct BUR2 Many, large CHC1 † Many, dispersed Many, indistinct CNM67 † Like WT Many, dispersed DOA1 Small(B), dim Small, many DRS2 Like WT Many, indistinct ERD1 Many, dispersed Indistinct, aggregated HPR1 † Many, indistinct(B) Many, indistinct(B) KEM1 Small, dim Many, indistinct MDM20 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MSD42 Small, dim Many, indistinct MSN1 Small, dim Many, indistinct MSN1 Small, dim Many, indistinct MSN1 Small, dim Many, indistinct NSN1 Large PEP5 Indistinct, aggregated Many, dispersed DEP7 Indistinct, aggregated Many, dispersed DEP7 Indistinct, aggregated Many, dispersed DEP7 Indistinct, aggregated Many, indistinct NSN2 † Many, large Many, indistinct NSN2 † Like WT Many, indistinct NSN2 † Like WT Indistinct NSN2 † Like WT Indistinct NSN1 Small, dim Many, indistinct NSN2 Small, dim Many, indistinct NSN1 Small, dim Many, indistinct NSN2 Small, dim Many, indistinct NSN2 Small, dim Many, indistinct NANA, dispersed NANA, dispersed NANA, dispersed Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated NANA, dispersed Indistinct, aggregated Indistinct, aggregated NANA, dispersed Indistinct, aggregated Indistinct, aggregate	ANP1	Like WT	Many, centralized
BEM2 BUB32 † Like WT Many, large CHC1 † Many, dispersed Many, indistinct Many, dispersed CHC1 † Many, dispersed Many, indistinct Many, dispersed Many, indistinct Many, dispersed Many, indistinct Many, dispersed DOA1 Small(B), dim DRS2 Like WT Small, many DRS2 Like WT Many, large ECM1 Small(B), dim ERD1 Many, dispersed Many, indistinct ERD1 Many, large Many, indistinct ERD1 Many, large Many, indistinct BEST3 Many, large Many, indistinct BEST3 Many, large Many, indistinct Many, indistinct Many, indistinct BEB1 Few, large, aggregated HPR1 † Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct MED2 Many, indistinct Many, indistinct Many, indistinct MSN1 Small, dim Many, indistinct(B) MSN1 Small, dim Many, indistinct Many, indistinct Many, indistinct Many, large DEP5 Indistinct, aggregated Many, indistinct Many	APN1†	Many, indistinct	Many, centralized
BUD32 † Like WT Many, indistinct BUR2 Many, large CHC1 † Many, dispersed Many, indistinct CNM67 † Like WT Many, dispersed DOA1 Small(B), dim Small, many DRS2 Like WT Many, large ECM1 Small(B), dim Indistinct ERD1 Many, dispersed Many, indistinct ERD1 Many, dispersed Many, indistinct EST3 Many, large Many, indistinct EST3 Many, large Many, indistinct HPR1 † Many, indistinct(B) Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MDM20 Many, indistinct(B) Many, indistinct MGG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MRM1 Rings Large OST4 Many, indistinct(B) Many, indistinct Many, large Many, large PEP5 Indistinct, aggregated Many, large PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, indistinct NANy, large Many, large PEC1 † Like WT Many, indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct VAC14 Small, dim Many, indistinct VAC24 Small, dim Many, dispersed Indistinct, aggregated Indistinct, aggr	ATP3 †	Like WT	Large
BUD32 † Like WT Many, indistinct BUR2 Many, large CHC1 † Many, dispersed Many, indistinct CNM67 † Like WT Many, dispersed DOA1 Small(B), dim Small, many DRS2 Like WT Many, large ECM1 Small(B), dim Indistinct ERD1 Many, dispersed Many, indistinct(B) EST3 Many, large FAB1 Few, large, aggregated Indistinct, aggregated HPR1 † Many, indistinct(B) Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MDM20 Many, indistinct(B) Many, indistinct MGG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MRM2 Small, dim Many, indistinct(B) NSN1 Small, dim Many, indistinct(B) NSN1 Small, dim Many, dispersed Many, indistinct, aggregated Many, indistinct Many, dispersed Many, large DEP5 Indistinct, aggregated Many, large PEP5 Indistinct, aggregated Many, dispersed Many, large PAP1 Like WT Many, dispersed Many, indistinct Many, dispersed Many, indistinct Many, dispersed Many, dispersed Many, dispersed Many, dispersed Many, dispersed Many, dispersed Many, indistinct Many, dispersed Many, indistinct Many, dispersed Many, indistinct Many, dispersed Many, indistinct	BEM2	Large	Large
BUR2 Many, large Heterogeneous in size CHC1 † Many, dispersed Many, indistinct CNM67 † Like WT Many, dispersed Small(B), dim Small, many DRS2 Like WT Many, dispersed Many, indistinct ERD1 Many, dispersed Many, indistinct ERD1 Many, dispersed Many, indistinct ERD1 Many, dispersed Many, indistinct BET3 Many, large Many, large Many, indistinct BHPR1 † Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, dispersed Many, indistinct MSN1 Small, dim Many, dispersed Many, Small, dim Many, dispersed Many, indistinct Many, indistinct(B) Many, indistinct(B) Many, indistinct MSN1 Small, dim Many, dispersed Many, large Large DEP5 Indistinct, aggregated Many, large Many, indistinct Many, large Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated Indistinct, aggregated Indistinct Many, centralized Indistinct Many, centralized Indistinct Many, dispersed Many, centralized Indistinct Many, centralized Indistinct, aggregated Many, centralized	BUD32 †	Like WT	Many, indistinct
CHCl† Many, dispersed	BUR2	Many, large	Heterogeneous in size
CNM67 † Like WT DOA1 Small(B), dim DRS2 Like WT ECM1 Small(B), dim ERD1 Many, dispersed EST3 Many, large EST3 Many, large EST3 Many, large EAB1 Few, large, aggregated HPR1 † Many, indistinct(B) MED2 Many, indistinct(B) MED2 Many, indistinct(B) MED2 Many, indistinct(B) MRM2 Small, dim MRM2 Small, dim MRM1 Rings OST4 Many, indistinct(B) MSN1 Small, dim Many, indistinct(B) MSN1 Small, dim Many, indistinct(B) MSN1 Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) MSN1 Small, dim Many, dispersed Many, indistinct MED1 Many, indistinct(B) Many, indistinct MEM2 Small, dim Many, dispersed Many, large Uarge DST4 Many, indistinct(B) Many, indistinct Many, large Many, large Many, indistinct Many, dispersed Many, dispersed Many, indistinct Many, i	CHC1 †	Many, dispersed	Many, indistinct
DOA1 Small(B), dim Small, many DRS2 Like WT Many, large ECM1 Small(B), dim Indistinct ECM1 Many, dispersed Many, indistinct(B) EST3 Many, large Many, indistinct FAB1 Few, large, aggregated Indistinct, aggregated HPR1 † Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MMCG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MRM1 Rings Large OST4 Many, indistinct(B) Many, indistinct MSN1 Small, dim Many, indistinct PAF1 Many, large Many, large PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, centralized PLC1 † Like WT Many, indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SCC22 Small, many Many, indistinct SCC22 Small, many Many, indistinct SCC22 Small, many Many, indistinct SCC24 Small, dim Many, indistinct SCC25 Small, many Many, indistinct SCC26 Small, dim Many, indistinct SCC16 Many, indistinct SCC27 Small, dim Many, indistinct SCC28 Small, dim Many, indistinct SCC16 Many, indistinct SCC29 Small, dim Many, indistinct SCC16 Many, indistinct SCC20 Small, dim Many, indistinct SCC21 Small, dim Many, indistinct SCC22 Small, dim Many, indistinct SCC24 Small, dim Many, indistinct SCC25 Small, dim Many, indistinct SCC26 Small, dim Many, indistinct SCC16 Many, indistinct SCC17 Many, indistinct SCC28 Small, dim Many, indistinct SCC18 Many, indistinct SCC18 Many, indistinct SCC29 Many, indistinct SCC20 Many, indistinct SCC21 Many, indistinct SCC22 Small, dim Many, indistinct SCC22 Small, dim Many, indistinct SCC24 Many, indistinct SCC25 Many, indistinct SCC26 Many, indistinct SCC27 Many, indistinct SCC28 Many, indistinct SCC29 Many, indistinct Many, indistinct SCC29 Many, indistinct Many, indistinct SCC20 Many, indistinct Many, indistinc	CNM67 †		Many, dispersed
DRS2	DOA1	Small(B), dim	
ECM1 Small(B), dim ERD1 Many, dispersed Many, indistinct EST3 Many, large FAB1 Few, large, aggregated HPR1 † Many, indistinct(B) MEM1 Small, dim MDM20 Many, indistinct(B) MED2 Many, indistinct(B) MED3 Many, indistinct(B) MED4 Many, indistinct(B) MSN1 Small, dim MSN1 Small, dim MSN1 Small, dim MSN1 Small, dim Many, indistinct(B) MSN1 Rings OST4 Many, indistinct(B) Many, indistinct MAny, indistinct MAny, large OST4 Many, indistinct, aggregated Many, large PEP5 Indistinct, aggregated Many, large PEP7 Indistinct, aggregated Many, indistinct ROX3 † Many, large Many, indistinct BOX3 † Many, large Many, indistinct Many, indistinct Many, indistinct BOX3 † Many, large Many, indistinct Many, indistinct SEC22 Small, many Many, indistinct SEC22 Small, many Many, indistinct(B) Many, indistinct SEC24 Like WT Indistinct, aggregated Many, dispersed Many, indistinct SEC3 Few, large, aggregated Many, dispersed Many, indistinct Many, indistinct Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct STO1 Many, indistinct Many, ind	DRS2	Like WT	
ERD1 Many, dispersed Many, indistinct(B) EST3 Many, large Many, indistinct FAB1 Few, large, aggregated Indistinct, aggregated HPR1 † Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) KEM1 Small, dim Many, indistinct(B) MED2 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MOG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MRM2 Small, dim Many, dispersed MSN1 Small, dim Many, dispersed NEM1 Rings OST4 Many, large Many, large PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, indistinct PA1 Like WT Indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SCP22 Small, many Many, indistinct SCP22 Small, many Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct Many, indistinct STO1 Many, indistinct Many, indistinct STO1 Many, indistinct STO1 Many, indistinct STO1 Many, indistinct Ma	ECM1	Small(B), dim	Indistinct
EST3 Many, large FAB1 Few, large, aggregated Indistinct, aggregated HPR1 † Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Indistinct MED2 Many, indistinct(B) Many, indistinct MOG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MRM1 Rings Large OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, indistinct PAF1 Many, large Many, dispersed PEP7 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, centralized PLC1 † Like WT Indistinct ROX3 † Many, large Many, indistinct ROX3 † Many, large Many, indistinct SC22 Small, many Many, indistinct SEC22 Small, many Many, indistinct SEC22 Small, many Many, indistinct SEC24 Hany, indistinct(B) Many, indistinct SEC25 Small, dim Many, indistinct SSD1 Small, dim Many, dispersed SRV2 † Many, indistinct Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct TOM5 Large Indistinct(B) TFP1 Large Indistinct(B	ERD1		Many, indistinct(B)
FAB1 Few, large, aggregated HPR1 † Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct(B) Many, indistinct Many, dispersed Many, Small, dim Many, dispersed Many, and Many, indistinct Many, dispersed Many, and Many, indistinct Many, dispersed Many, large Large OST4 Many, indistinct(B) Many, indistinct Many, large Many, large Many, large Many, large Many, dispersed Many, centralized Many, centralized Many, indistinct Many	EST3		
HPR1 † Many, indistinct(B) KEMI Small, dim Many, indistinct(B) MDM20 Many, indistinct(B) Indistinct MED2 Many, indistinct(B) Many, indistinct MGG1 Like WT Many, dispersed MRM2 Small, dim Many, indistinct(B) MSN1 Small, dim Many, indistinct(B) NEM1 Rings Large OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, indistinct PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, centralized PEP1 Indistinct, aggregated Many, indistinct PAS3 † Many, large Many, indistinct PAS3 † Many, large Many, indistinct ROX3 † Many, large Many, indistinct SEC22 Small, many Many, indistinct SEC22 Small, many Many, indistinct, aggregated SPT10 † Many, indistinct(B) Many, indistinct SEC22 Small, dim Many, indistinct SPO7 Rings Few, large, aggregated SPT10 † Many, indistinct Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct Many, dispersed UMA2 Like WT Many, dispersed UMA4 Large Indistinct(B) UMA4 Large Many, dim UMA6 Large Indistinct(B) UMA7 Aggregated Many, dispersed UMA7 Aggregated Many, dispersed UMA7 Many, indistinct Many, centralized UMA84 Like WT Many, centralized UMS35 Small, dim Indistinct(B) UPS4 Like WT Many, dispersed UPS4 Like WT Many, dispersed UPS51 Many, indistinct Many, dim UPS66 Small, dim Indistinct(B) UPS66 Small, dim Indistinct, aggregated UNG3332 Small, dim Indistinct, aggregated	FAB1	1 37 0	3 -
KEM1 Small, dim Many, indistinct(B) Indistinct MDD2 Many, indistinct(B) Many, indistinct MGG1 Like WT Many, dispersed MRM2 Small, dim Many, indistinct(B) MSN1 Small, dim Many, indistinct(B) MSN1 Rings Large OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, indistinct PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, centralized PLC1 † Like WT Many, indistinct ROX3 † Many, large Many, indistinct PAA1 Like WT Indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SEC22 Small, many Many, indistinct SEC22 Small, many Many, indistinct SEC24 Many, indistinct(B) Many, indistinct SEC25 Small, many Many, indistinct SEC4 Many, indistinct SEC5 Many, indistinct SEC6 Many, indistinct SEC7 Many, indistinct SEC7 Many, indistinct SEC8 Many, indistinct SEC9 Many, indistinct Man	HPR1 †		, 66 6
MDM20 Many, indistinct(B) Many, indistinct MED2 Many, indistinct(B) Many, indistinct MOG1 Like WT Many, dispersed MRM2 Small, dim Many, dispersed MSN1 Small, dim Many, indistinct(B) NEM1 Rings Large OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, large PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, indistinct PAA1 Like WT Indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SEC22 Small, many Many, indistinct SFC22 Small, many Many, indistinct SFC7 Rings Few, large, aggregated SPT10 † Many, indistinct(B) Many, dispersed SPT10 † Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct STO1 Many, indistinct Many, indistinct TOM5 Large Indistinct, aggregated TPD3 † Like WT Many, indistinct VAC14 Small, dim Many, dispersed VMA2 Like WT Small, dim VMA4 Large Indistinct, aggregated VMA7 Aggregated Indistinct, aggregated VMAA Aggregated Indistinct, aggregated VMAA Aggregated Indistinct(B) VMA4 Large Indistinct, aggregated VMA5 Small, dim Many, dispersed VMA6 Large Indistinct, aggregated VMA7 Aggregated Indistinct(B) VMA8 Large Indistinct VMA9 Small, dim Indistinct(B) VMA9 Small, dim Indistinct(B) VPS4 Like WT Many, dispersed VPS21 Like WT Indistinct VPS35 Small, dim Indistinct(B) VPS35 Small, dim Indistinct(B) VPS66 Small, dim Indistinct(B) VPS66 Small, dim Indistinct(B) VPS66 Small, dim Indistinct(B) VPS66 Small, dim Indistinct, aggregated VPG70333c Small, dim Indistinct, aggregated	'	1	
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MOG1 Like WT Many, dispersed MRM2 Small, dim Many, indistinct(B) MSN1 Small, dim Many, dispersed NEM1 Rings Large OST4 Many, indistinct(B) Many, indistinct PAF1 Many, large Many, large PEP5 Indistinct, aggregated Many, dispersed PEP7 Indistinct, aggregated Many, indistinct PALC1 † Like WT Many, large Many, indistinct ROX3 † Many, large Many, indistinct ROX3 † Many, large Many, indistinct SCP160 Many, indistinct(B) Many, indistinct SEC22 Small, many Many, indistinct, aggregated SPO7 Rings Few, large, aggregated SPT10 † Many, indistinct(B) Many, indistinct SSD1 Small, dim Many, indistinct SSD1 Small, dim Many, indistinct TOM5 Large Indistinct(B) TFP1 Large Indistinct, aggregated TPD3 † Like WT Many, indistinct VAC14 Small, dim Many, dispersed VMA2 Like WT Small, dim VMA4 Large Many, dim VMA4 Large Indistinct, aggregated VMA7 Aggregated Indistinct(B) VPS4 Like WT Many, centralized VPS1 Like WT Many, centralized VPS1 Like WT Many, dispersed VPS2 Small, dim Indistinct(B) VPS3 Small, dim Indistinct(B) VPS3 Small, dim Indistinct(B) VPS3 Small, dim Indistinct(B) VPS5 Small, dim Indistinct(B) VPS5 Small, dim Indistinct(B) VPS5 Small, dim Indistinct(B) VPS6 Small, dim Indistinct(B) VPS7 Small, dim Indistinct(B) VPS8 Small, dim Indistinct(B) VPS9 Many, indistinct Many, dispersed VPS1 Many, indistinct Many, dispersed VPS2 Small, dim Indistinct(B) VPS3 Small, dim Indistinct(B) VPS6 Small, dim Indistinct(B) VPS7 Small, dim Indistinct(B) VPS6 Small, dim Indistinct(B) VPS6 Small, dim Indistinct(B) VPS6 Small, dim Indistinct, aggregated VPR333 Small, dim Indistinct, aggregated		\ /	Many indistinct
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<sup>\*</sup> Phenotypes unique to log phase: Small(B) dim, Aggregated, Rings, Like WT; phenotypes unique to stationary phase: Many dim, Many centralized, Indistinct, Heterogeneous in size.

<sup>†</sup> Slow growing strain.

<sup>‡ (</sup>B), borderline, trait close to WT.

<sup>§</sup> Centralized: lipid bodies found away from cell cortex.